

PRODUCT DATA SHEETS

LED Bulbs & Tubes



Operates on
120-277 VAC



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED A19 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-619 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Round frosted polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 80 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61906-UNV-841-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-619 = A19	06 = 6 W 10 = 10 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61906-UNV-827	6	0.052-0.022	>0.90	<15%	2,700°	>80	480	80	E26	300°
LED-61906-UNV-830	6	0.052-0.022	>0.90	<15%	3,000°	>80	492	82	E26	300°
LED-61906-UNV-841	6	0.052-0.022	>0.90	<15%	4,100°	>80	504	84	E26	300°
LED-61906-UNV-850	6	0.052-0.022	>0.90	<15%	5,000°	>80	510	85	E26	300°
LED-61910-UNV-827	10	0.087-0.037	>0.90	<15%	2,700°	>80	800	80	E26	300°
LED-61910-UNV-830	10	0.087-0.037	>0.90	<15%	3,000°	>80	820	82	E26	300°
LED-61910-UNV-841	10	0.087-0.037	>0.90	<15%	4,100°	>80	840	84	E26	300°
LED-61910-UNV-850	10	0.087-0.037	>0.90	<15%	5,000°	>80	850	85	E26	300°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 80
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Fax: 847.735.8004

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Spec. Rev. 11-2014



Operates on
120-277 VAC



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED A21 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-621 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Round frosted polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 80 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-62113-UNV-841-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-621 = A21	13 = 13 W 18 = 18 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-62113-UNV-827	13	0.113-0.049	>0.90	<15%	2,700°	>80	1,040	80	E26	300°
LED-62113-UNV-830	13	0.113-0.049	>0.90	<15%	3,000°	>80	1,066	82	E26	300°
LED-62113-UNV-841	13	0.113-0.049	>0.90	<15%	4,100°	>80	1,092	84	E26	300°
LED-62113-UNV-850	13	0.113-0.049	>0.90	<15%	5,000°	>80	1,105	85	E26	300°
LED-62118-UNV-827	18	0.157-0.068	>0.90	<15%	2,700°	>80	1,440	80	E26	300°
LED-62118-UNV-830	18	0.157-0.068	>0.90	<15%	3,000°	>80	1,476	82	E26	300°
LED-62118-UNV-841	18	0.157-0.068	>0.90	<15%	4,100°	>80	1,512	84	E26	300°
LED-62118-UNV-850	18	0.157-0.068	>0.90	<15%	5,000°	>80	1,530	85	E26	300°

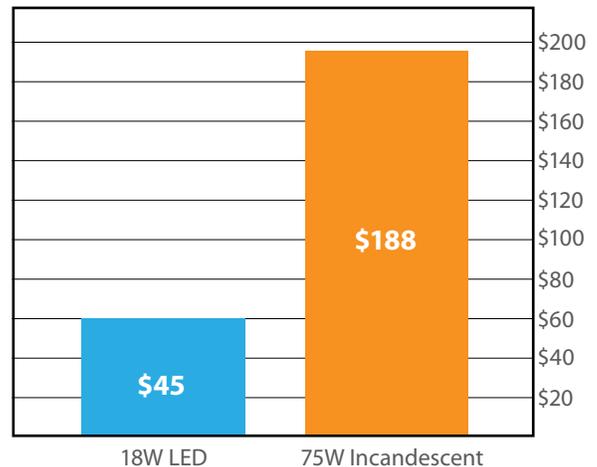
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 80
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 11-2014



Operates on
120-277 VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 50W. The LED-330 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-32006-UNV-841-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-320 = R20	06 = 6 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-32006-UNV-827	6	0.052-0.022	>0.90	<20%	2,700°	>80	408	68	E26	120°
LED-32006-UNV-830	6	0.052-0.022	>0.90	<20%	3,000°	>80	420	70	E26	120°
LED-32006-UNV-841	6	0.052-0.022	>0.90	<20%	4,100°	>80	432	72	E26	120°
LED-32006-UNV-850	6	0.052-0.022	>0.90	<20%	5,000°	>80	450	75	E26	120°

SPECIFICATIONS

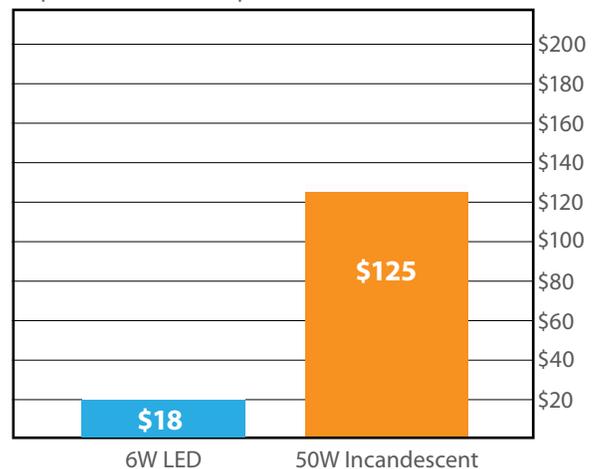
- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

*Based on \$0.10 kw/H
*12Hrs. per Day Usage

Operation Costs Comparison over Life of LED Bulb



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Spec. Rev. 12-2014



Operates on
120-277 VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R30 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-330 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-33010-UNV-841-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-330 = R30	10 = 10 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-33010-UNV-827	10	0.087-0.037	>0.90	<20%	2,700°	>80	680	68	E26	120°
LED-33010-UNV-830	10	0.087-0.037	>0.90	<20%	3,000°	>80	700	70	E26	120°
LED-33010-UNV-841	10	0.087-0.037	>0.90	<20%	4,100°	>80	720	72	E26	120°
LED-33010-UNV-850	10	0.087-0.037	>0.90	<20%	5,000°	>80	750	75	E26	120°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Operates on
120-277 VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R40 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-340 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-34014-UNV-841-B25-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-340= R40	14 = 14 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-34014-UNV-827	14	0.122-0.053	>0.90	<20%	2,700°	>80	952	68	E26	120°
LED-34014-UNV-830	14	0.122-0.053	>0.90	<20%	3,000°	>80	980	70	E26	120°
LED-34014-UNV-841	14	0.122-0.053	>0.90	<20%	4,100°	>80	1,008	72	E26	120°
LED-34014-UNV-850	14	0.122-0.053	>0.90	<20%	5,000°	>80	1,050	75	E26	120°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



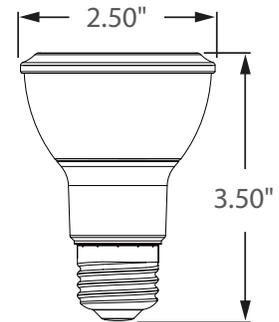
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Operates on 120-277 VAC



Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Par20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 50W. The LED-920 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-92008-UNV-841-B25-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam	Base
LED-920 = PAR 20	08 = 8 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-92008-UNV-827	8	0.069-0.030	>0.90	<20%	2,700°	>80	480	60	E26	25°/40°
LED-92008-UNV-830	8	0.069-0.030	>0.90	<20%	3,000°	>80	488	61	E26	25°/40°
LED-92008-UNV-841	8	0.069-0.030	>0.90	<20%	4,100°	>80	504	63	E26	25°/40°
LED-92008-UNV-850	8	0.069-0.030	>0.90	<20%	5,000°	>80	520	65	E26	25°/40°

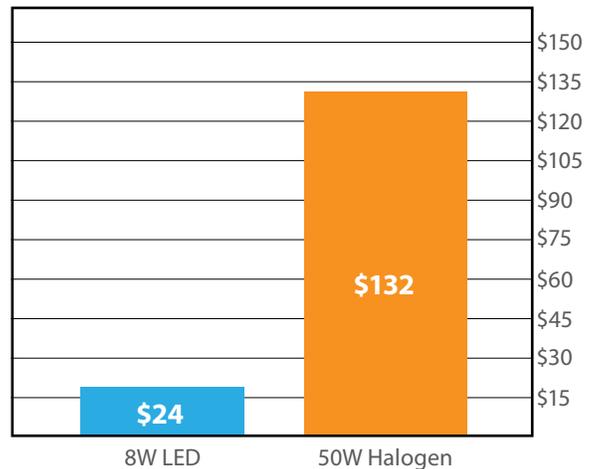
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

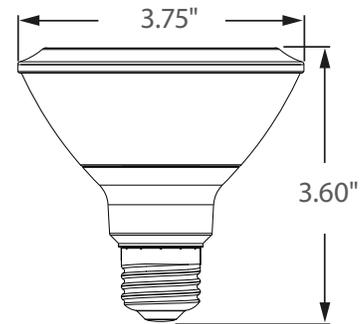
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Operates on 120-277 VAC



Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Par30-Short bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-932 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93213-UNV-841-B25-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam	Base
LED-932 = PAR 30 Short	13 = 13 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93213-UNV-827	13	0.113-0.049	>0.90	<20%	2,700°	>80	780	60	E26	25°/40°
LED-93213-UNV-830	13	0.113-0.049	>0.90	<20%	3,000°	>80	793	61	E26	25°/40°
LED-93213-UNV-841	13	0.113-0.049	>0.90	<20%	4,100°	>80	845	65	E26	25°/40°
LED-93213-UNV-850	13	0.113-0.049	>0.90	<20%	5,000°	>80	858	66	E26	25°/40°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

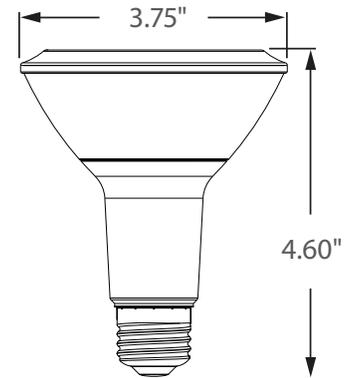
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Operates on 120-277 VAC



Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Par30 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-930 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93013-UNV-841-B25-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam	Base
LED-930 = PAR 30 Long	13 = 13 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93013-UNV-827	13	0.113-0.049	>0.90	<20%	2,700°	>80	780	60	E26	25°/40°
LED-93013-UNV-830	13	0.113-0.049	>0.90	<20%	3,000°	>80	793	61	E26	25°/40°
LED-93013-UNV-841	13	0.113-0.049	>0.90	<20%	4,100°	>80	845	65	E26	25°/40°
LED-93013-UNV-850	13	0.113-0.049	>0.90	<20%	5,000°	>80	858	66	E26	25°/40°

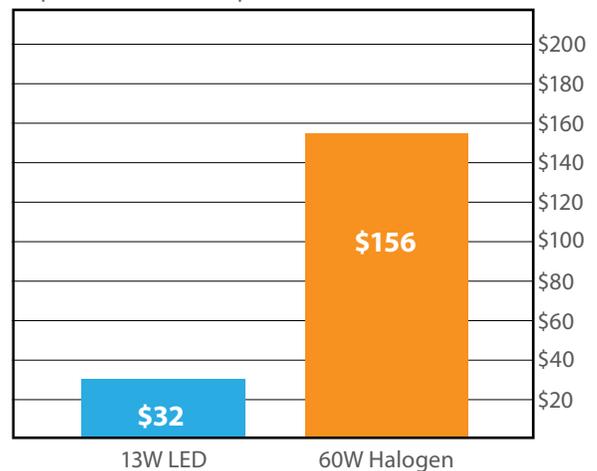
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

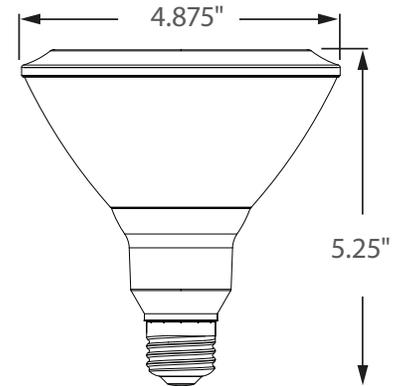
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Operates on
120-277 VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Par38 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-938 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its universal operating voltage allows for use in 120V or 277V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93818-UNV-841-B25-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam	Base
LED-938 = PAR 38	18 = 18 W	UNV = 120-277 VAC	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93818-UNV-827	18	0.157-0.068	>0.90	<20%	2,700°	>80	1,080	60	E26	25°/40°
LED-93818-UNV-830	18	0.157-0.068	>0.90	<20%	3,000°	>80	1,116	62	E26	25°/40°
LED-93818-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,170	65	E26	25°/40°
LED-93818-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,188	66	E26	25°/40°

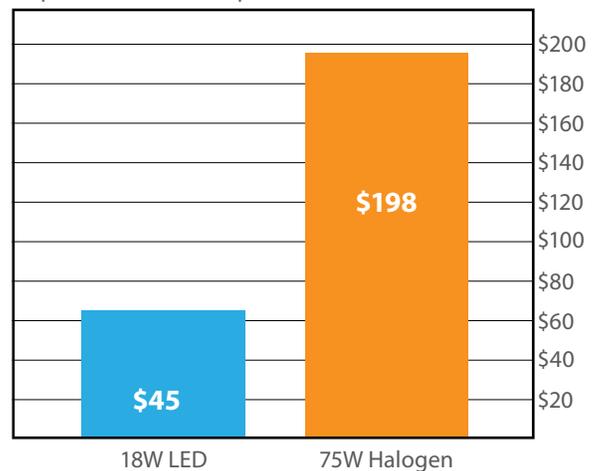
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H

*12Hrs. per Day Usage

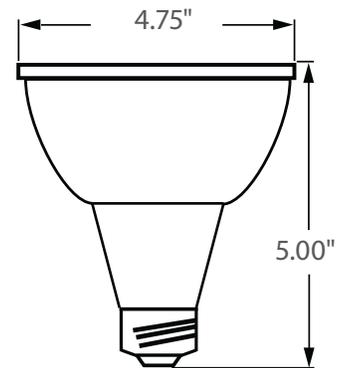
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Operates on
120-277 VAC



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED PAR38 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 90W. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. Its universal operating voltage allows for use in 120V or 277V applications. The LED-938 series also allows for dimming on 120V or 277V systems.

APPLICATION

- Track / Spot Lighting
- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flicker Free analog/triac dimming system operates on 120V/277V.
- Up to 10 years Maintenance free operation.
- Environmental Friendly - mercury and lead free.
- Integrated high efficiency driver.
- High Output COB LED's.
- No UV or IR radiation.
- RoHS Compliant.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93824-UNV-ADIM-841-E26
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	938 = PAR 38	24 = 24 W	UNV = 120-277 VAC	ADIM = Analog Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	E26 = Medium Base



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93824-UNV-ADIM-830	24	0.210-0.090	>0.90	<20%	3,000°	>80	1,776	74	E26	30°
LED-93824-UNV-ADIM-841	24	0.210-0.090	>0.90	<20%	4,100°	>80	1,872	78	E26	30°
LED-93824-UNV-ADIM-850	24	0.210-0.090	>0.90	<20%	5,000°	>80	1,920	80	E26	30°
LED-93824-UNV-ADIM-865	24	0.210-0.090	>0.90	<20%	6,500°	>80	1,980	82	E26	30°

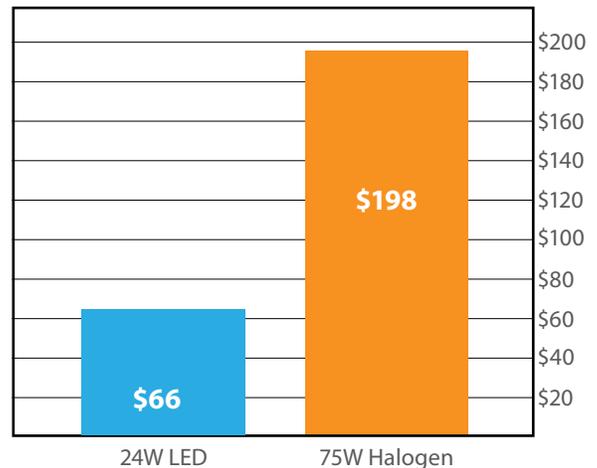
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 70
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED A19 bulbs are designed for the replacement of existing incandescent bulbs up to 60W. The LED-619 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Round frosted polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 80 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61906-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-619 = A19	06 = 6 W 10 = 10 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61906-120V-ADIM-827	6	0.052	>0.90	<15%	2,700°	>80	480	80	E26	300°
LED-61906-120V-ADIM-830	6	0.052	>0.90	<15%	3,000°	>80	492	82	E26	300°
LED-61906-120V-ADIM-841	6	0.052	>0.90	<15%	4,100°	>80	504	84	E26	300°
LED-61906-120V-ADIM-850	6	0.052	>0.90	<15%	5,000°	>80	510	85	E26	300°
LED-619010-120V-ADIM-827	10	0.087	>0.90	<15%	2,700°	>80	800	80	E26	300°
LED-619010-120V-ADIM-830	10	0.087	>0.90	<15%	3,000°	>80	820	82	E26	300°
LED-619010-120V-ADIM-841	10	0.087	>0.90	<15%	4,100°	>80	840	84	E26	300°
LED-619010-120V-ADIM-850	10	0.087	>0.90	<15%	5,000°	>80	850	85	E26	300°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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90+ CRI



Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED A19 bulbs are designed for the replacement of existing incandescent bulbs up to 60W. The LED-619 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Round frosted polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Color Rendering Index: > 90CRI
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61906-120V-ADIM-830-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-619 = A19	06 = 6 W 10 = 10 W	120V = 120 VAC	ADIM = Analog Dimming	927 = 2700°K 930 = 3000°K 941 = 4100°K 950 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61906-120V-ADIM-927	6	0.052	>0.90	<15%	2,700°	>80	430	71	E26	300°
LED-61906-120V-ADIM-930	6	0.052	>0.90	<15%	3,000°	>80	435	72	E26	300°
LED-61906-120V-ADIM-941	6	0.052	>0.90	<15%	4,100°	>80	440	73	E26	300°
LED-61906-120V-ADIM-950	6	0.052	>0.90	<15%	5,000°	>80	450	75	E26	300°
LED-619010-120V-ADIM-927	10	0.087	>0.90	<15%	2,700°	>80	680	68	E26	300°
LED-619010-120V-ADIM-930	10	0.087	>0.90	<15%	3,000°	>80	685	68	E26	300°
LED-619010-120V-ADIM-941	10	0.087	>0.90	<15%	4,100°	>80	690	69	E26	300°
LED-619010-120V-ADIM-950	10	0.087	>0.90	<15%	5,000°	>80	700	70	E26	300°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 90
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED A21 bulbs are designed for the replacement of existing incandescent bulbs up to 75W. The LED-621 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Round frosted polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 80 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-62113-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-621 = A21	13 = 13 W 18 = 18 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-62113-120V-ADIM-827	13	0.113	>0.90	<15%	2,700°	>80	1,040	80	E26	300°
LED-62113-120V-ADIM-830	13	0.113	>0.90	<15%	3,000°	>80	1,066	82	E26	300°
LED-62113-120V-ADIM-841	13	0.113	>0.90	<15%	4,100°	>80	1,092	84	E26	300°
LED-62113-120V-ADIM-850	13	0.113	>0.90	<15%	5,000°	>80	1,105	85	E26	300°
LED-62118-120V-ADIM-827	18	0.157	>0.90	<15%	2,700°	>80	1,440	80	E26	300°
LED-62118-120V-ADIM-830	18	0.157	>0.90	<15%	3,000°	>80	1,476	82	E26	300°
LED-62118-120V-ADIM-841	18	0.157	>0.90	<15%	4,100°	>80	1,512	84	E26	300°
LED-62118-120V-ADIM-850	18	0.157	>0.90	<15%	5,000°	>80	1,530	85	E26	300°

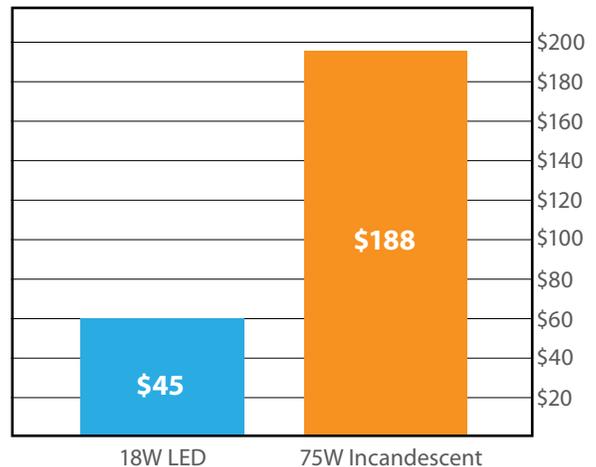
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 50W. The LED-320 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output COB LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-32006-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-320 = R20	06 = 6W	120V = 120 VAC	ADIM = Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-32006-120V-ADIM-827	6	0.052	>0.90	<15%	2,700°	>80	408	68	E26	120°
LED-32006-120V-ADIM-830	6	0.052	>0.90	<15%	3,000°	>80	420	70	E26	120°
LED-32006-120V-ADIM-841	6	0.052	>0.90	<15%	4,100°	>80	432	72	E26	120°
LED-32006-120V-ADIM-850	6	0.052	>0.90	<15%	5,000°	>80	450	75	E26	120°

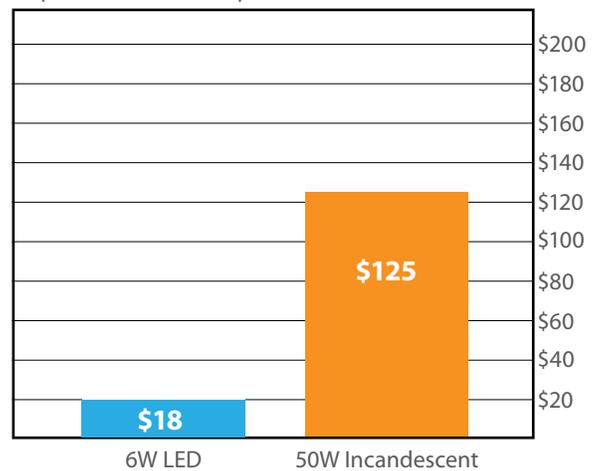
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R30 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 65W. The LED-330 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 8 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-33010-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-330 = R30	10 = 10W	120V = 120 VAC	ADIM = Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-33010-120V-ADIM-827	10	0.087	>0.90	<15%	2,700°	>80	680	68	E26	120°
LED-33010-120V-ADIM-830	10	0.087	>0.90	<15%	3,000°	>80	700	70	E26	120°
LED-33010-120V-ADIM-841	10	0.087	>0.90	<15%	4,100°	>80	720	72	E26	120°
LED-33010-120V-ADIM-850	10	0.087	>0.90	<15%	5,000°	>80	750	75	E26	120°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

Neptun Light, Inc.
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Fax: 847.735.8004

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED R40 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-340 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output COB LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-34014-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-340 = R40	14 = 14W	120V = 120 VAC	ADIM = Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-34014-120V-ADIM-827	14	0.122	>0.90	<15%	2,700°	>80	952	68	E26	120°
LED-34014-120V-ADIM-830	14	0.122	>0.90	<15%	3,000°	>80	980	70	E26	120°
LED-34014-120V-ADIM-841	14	0.122	>0.90	<15%	4,100°	>80	1,008	72	E26	120°
LED-34014-120V-ADIM-850	14	0.122	>0.90	<15%	5,000°	>80	1,050	75	E26	120°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

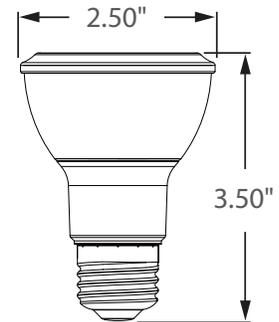
Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PAR20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-920 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-92008-120V-ADIM-830-B25-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-920 = PAR20	08 = 8W	120V-ADIM = 120 VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-92008-120V-ADIM-827	8	0.069	>0.90	<15%	2,700°	>80	480	60	E26	25°/40°
LED-92008-120V-ADIM-830	8	0.069	>0.90	<15%	3,000°	>80	488	61	E26	25°/40°
LED-92008-120V-ADIM-841	8	0.069	>0.90	<15%	4,100°	>80	504	63	E26	25°/40°
LED-92008-120V-ADIM-850	8	0.069	>0.90	<15%	5,000°	>80	520	65	E26	25°/40°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

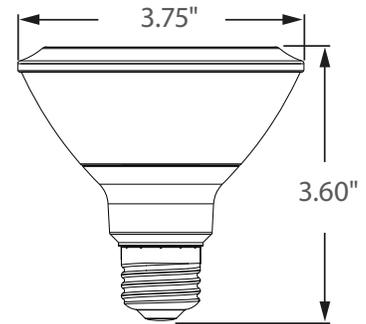
Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PAR30 short bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 65W. The LED-932 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93213-120V-ADIM-830-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-932 = PAR30 Short	13 = 13W	120V-ADIM = 120 VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93213-120V-ADIM-827	13	0.113	>0.90	<15%	2,700°	>80	780	60	E26	25°/40°
LED-93213-120V-ADIM-830	13	0.113	>0.90	<15%	3,000°	>80	793	61	E26	25°/40°
LED-93213-120V-ADIM-841	13	0.113	>0.90	<15%	4,100°	>80	845	65	E26	25°/40°
LED-93213-120V-ADIM-850	13	0.113	>0.90	<15%	5,000°	>80	858	66	E26	25°/40°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

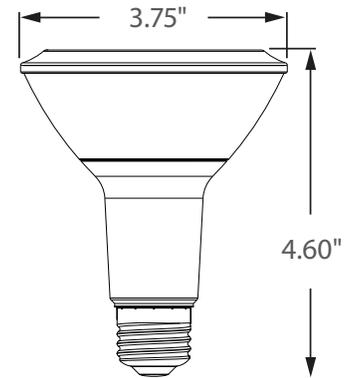


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 12-2014



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED PAR30 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 65W. The LED-930 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93013-120V-ADIM-830-B25-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-930 = PAR30	13 = 13W	120V-ADIM = 120 VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93013-120V-ADIM-827	13	0.113	>0.90	<15%	2,700°	>80	780	60	E26	25°/40°
LED-93013-120V-ADIM-830	13	0.113	>0.90	<15%	3,000°	>80	793	61	E26	25°/40°
LED-93013-120V-ADIM-841	13	0.113	>0.90	<15%	4,100°	>80	845	65	E26	25°/40°
LED-93013-120V-ADIM-850	13	0.113	>0.90	<15%	5,000°	>80	858	66	E26	25°/40°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

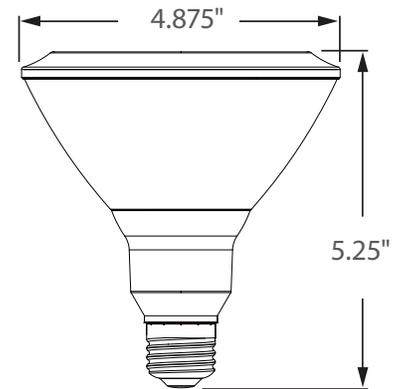


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED PAR38 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-938 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93818-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-938 = PAR38	18 = 18W	120V-ADIM = 120 VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93818-120V-ADIM-827	18	0.157	>0.90	<15%	2,700°	>80	1,080	60	E26	25°/40°
LED-93818-120V-ADIM-830	18	0.157	>0.90	<15%	3,000°	>80	1,116	62	E26	25°/40°
LED-93818-120V-ADIM-841	18	0.157	>0.90	<15%	4,100°	>80	1,170	65	E26	25°/40°
LED-93818-120V-ADIM-850	18	0.157	>0.90	<15%	5,000°	>80	1,188	66	E26	25°/40°

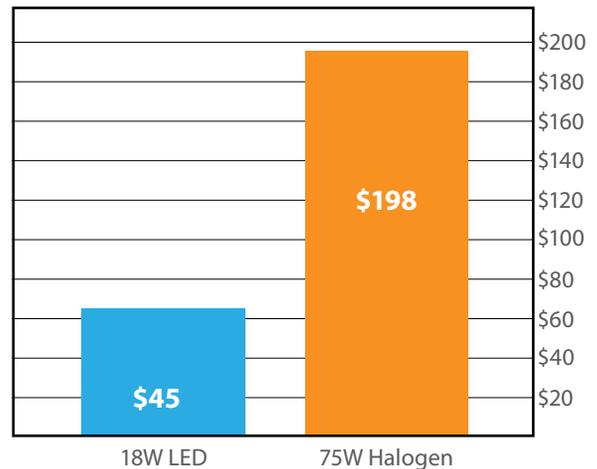
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 3-2014



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED Candle bulbs are designed for the replacement of existing incandescent bulbs up to 25W. The LED-613 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Aluminum heat sink for excellent thermal management.
- Clear glass lens to mimic existing incandescent bulbs.
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >60 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 6 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61304-120V-ADIM-827-E12
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	613 = Candle	04 = 4 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E12 = Candelabra Base



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61304-120V-ADIM-827	4	0.026	>0.90	<15%	2,700°	>80	310	77	E12	360°
LED-61304-120V-ADIM-830	4	0.026	>0.90	<15%	3,000°	>80	320	80	E12	360°
LED-61304-120V-ADIM-841	4	0.026	>0.90	<15%	4,100°	>80	340	85	E12	360°
LED-61304-120V-ADIM-850	4	0.026	>0.90	<15%	5,000°	>80	350	87	E12	360°

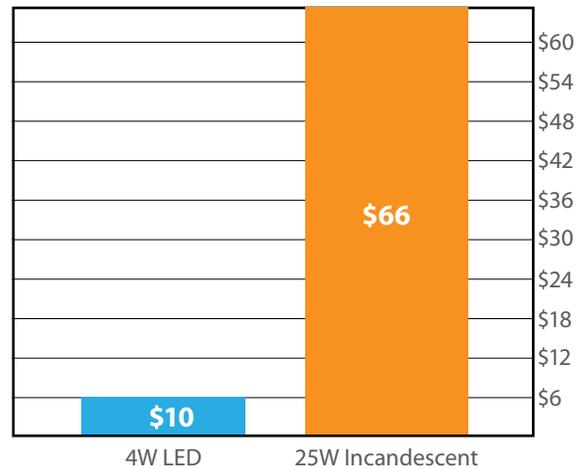
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 75
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Flame Tip Candle bulbs are designed for the replacement of existing incandescent bulbs up to 25W. The LED-613-FL series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Aluminum heat sink for excellent thermal management.
- Clear glass lens to mimic existing incandescent bulbs.
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 6 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61304-FL-120V-ADIM-827-E12
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	613-FL = Candle Flame Tip	04 = 4 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E12 = Candelabra Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61304-FL-120V-ADIM-827	4	0.026	>0.90	<15%	2,700°	>80	310	77	E12	360°
LED-61304-FL-120V-ADIM-830	4	0.026	>0.90	<15%	3,000°	>80	320	80	E12	360°
LED-61304-FL-120V-ADIM-841	4	0.026	>0.90	<15%	4,100°	>80	340	85	E12	360°
LED-61304-FL-120V-ADIM-850	4	0.026	>0.90	<15%	5,000°	>80	350	87	E12	360°

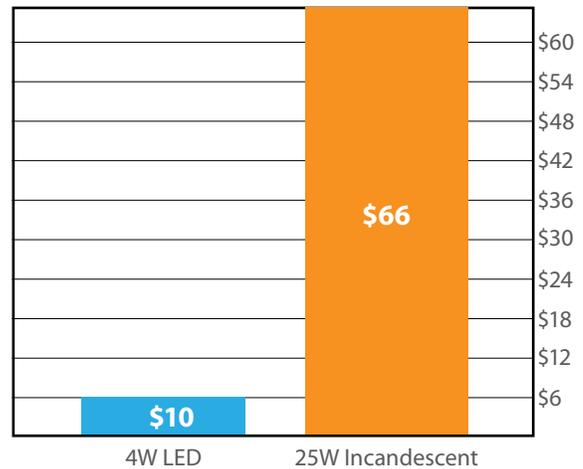
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 75
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED G15 bulbs are designed for the replacement of existing incandescent bulbs up to 25W. The LED-615 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Aluminum heat sink for excellent thermal management.
- Clear glass lens to mimic existing incandescent bulbs.
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 6 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-61504-120V-ADIM-830-E26
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	615 = G15	04 = 4 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-61504-120V-ADIM-827	4	0.026	>0.90	<15%	2,700°	>80	310	77	E26	360°
LED-61504-120V-ADIM-830	4	0.026	>0.90	<15%	3,000°	>80	320	80	E26	360°
LED-61504-120V-ADIM-841	4	0.026	>0.90	<15%	4,100°	>80	340	85	E26	360°
LED-61504-120V-ADIM-850	4	0.026	>0.90	<15%	5,000°	>80	350	87	E26	360°

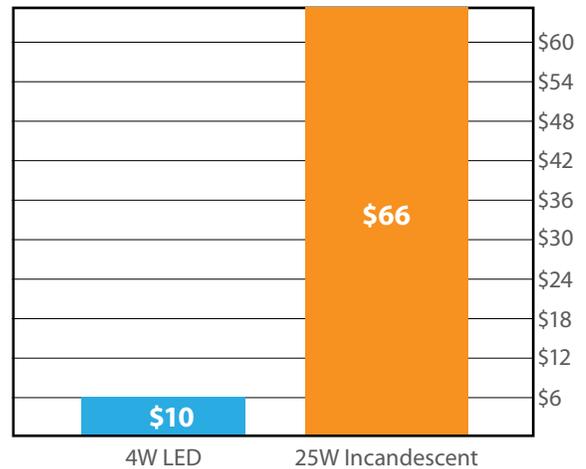
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 75
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED G25 bulbs are designed for the replacement of existing incandescent bulbs up to 40W. The LED-625 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Frosted glass lens for evenly illuminated glow. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >75 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 8 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-62505-120V-ADIM-827-E26
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	625 = G25	05 = 5 W 08 = 8 W 10 = 10 W 12 = 12 W	120V = 120 VAC	ADIM = Analog Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-62505-120V-ADIM-827	5	0.043	>0.90	<15%	2,700°	>80	425	85	E26	140°
LED-62505-120V-ADIM-830	5	0.043	>0.90	<15%	3,000°	>80	430	86	E26	140°
LED-62505-120V-ADIM-841	5	0.043	>0.90	<15%	4,100°	>80	440	88	E26	140°
LED-62505-120V-ADIM-850	5	0.043	>0.90	<15%	5,000°	>80	450	90	E26	140°
LED-62508-120V-ADIM-827	8	0.069	>0.90	<15%	2,700°	>80	680	85	E26	140°
LED-62508-120V-ADIM-830	8	0.069	>0.90	<15%	3,000°	>80	688	86	E26	140°
LED-62508-120V-ADIM-841	8	0.069	>0.90	<15%	4,100°	>80	704	88	E26	140°
LED-62508-120V-ADIM-850	8	0.069	>0.90	<15%	5,000°	>80	720	90	E26	140°
LED-62510-120V-ADIM-827	10	0.087	>0.90	<15%	2,700°	>80	850	85	E26	140°
LED-62510-120V-ADIM-830	10	0.087	>0.90	<15%	3,000°	>80	860	86	E26	140°
LED-62510-120V-ADIM-841	10	0.087	>0.90	<15%	4,100°	>80	880	88	E26	140°
LED-62510-120V-ADIM-850	10	0.087	>0.90	<15%	5,000°	>80	900	90	E26	140°
LED-62512-120V-ADIM-827	12	0.105	>0.90	<15%	2,700°	>80	1,020	85	E26	140°
LED-62512-120V-ADIM-830	12	0.105	>0.90	<15%	3,000°	>80	1,032	86	E26	140°
LED-62512-120V-ADIM-841	12	0.105	>0.90	<15%	4,100°	>80	1,056	88	E26	140°
LED-62512-120V-ADIM-850	12	0.105	>0.90	<15%	5,000°	>80	1,080	90	E26	140°

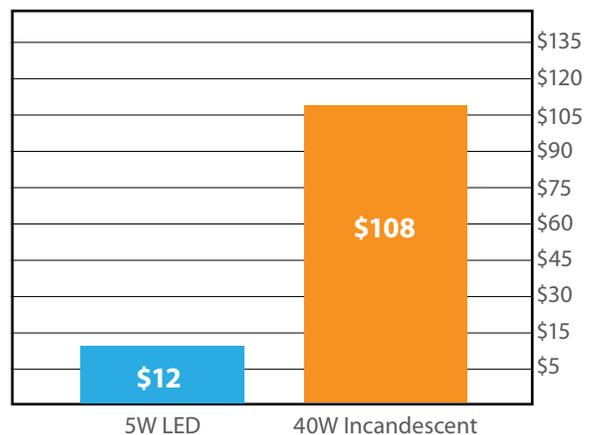
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 80
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



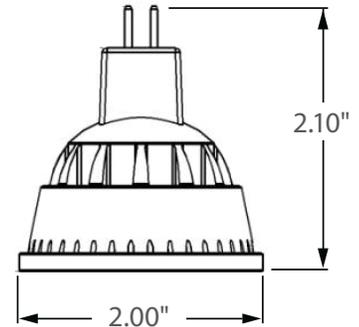
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 12-2014

Operates on 12VDC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED MR16 bulbs are designed for the replacement of existing halogen bulbs up to 40W. The LED-MR16 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its operating voltage allows for use in 12VDC applications.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MR1605-12V-830-GU-5.3
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-MR16 = MR16	05 = 5 W	12V = 12 VDC	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	GU-5.3 = GU-5.3



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 12VDC	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-MR1605-12V-830	5	0.437	3,000°	>80	325	65	GU-5.3	35°
LED-MR1605-12V-841	5	0.437	4,100°	>80	330	66	GU-5.3	35°
LED-MR1605-12V-850	5	0.437	5,000°	>80	340	68	GU-5.3	35°
LED-MR1605-12V-865	5	0.437	6,500°	>80	345	69	GU-5.3	35°

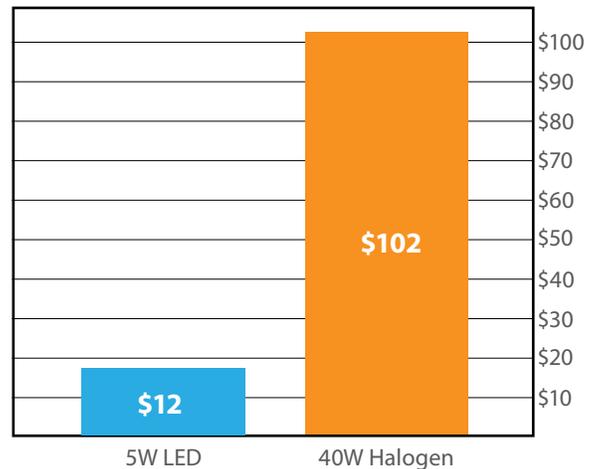
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 12VDC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 65
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



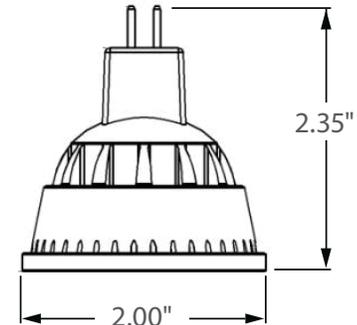
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015

Operates on
12VDC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED MR16 bulbs are designed for the replacement of existing halogen bulbs up to 50W. The LED-MR16 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its operating voltage allows for use in 12VDC applications.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 75 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MR1608-12V-830-GU-5.3
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-MR16 = MR16	08 = 8 W	12V = 12 VDC	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	GU-5.3 = GU-5.3



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 12VDC	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-MR1608-12V-830	8	0.349	3,000°	>80	630	78	GU-5.3	35°
LED-MR1608-12V-841	8	0.349	4,100°	>80	640	80	GU-5.3	35°
LED-MR1608-12V-850	8	0.349	5,000°	>80	670	83	GU-5.3	35°
LED-MR1608-12V-865	8	0.349	6,500°	>80	680	85	GU-5.3	35°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 12VDC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 75
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



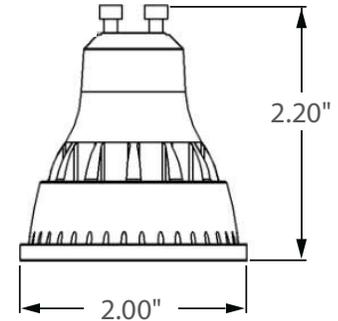
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 12-2014

Operates on 120VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED MR16 - GU-10 bulbs are designed for the replacement of existing halogen bulbs up to 40W. The LED-MR16 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its operating voltage allows for use in 120V applications.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MR1605-120V-830-GU-10
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-MR16 = MR16	05 = 5 W	120V = 120 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	GU-10 = GU-10



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-MR1605-120V-830	5	0.043	>0.90	<15%	3,000°	>80	325	65	GU-10	35°
LED-MR1605-120V-841	5	0.043	>0.90	<15%	4,100°	>80	330	66	GU-10	35°
LED-MR1605-120V-850	5	0.043	>0.90	<15%	5,000°	>80	340	68	GU-10	35°
LED-MR1605-120V-865	5	0.043	>0.90	<15%	6,500°	>80	345	69	GU-10	35°

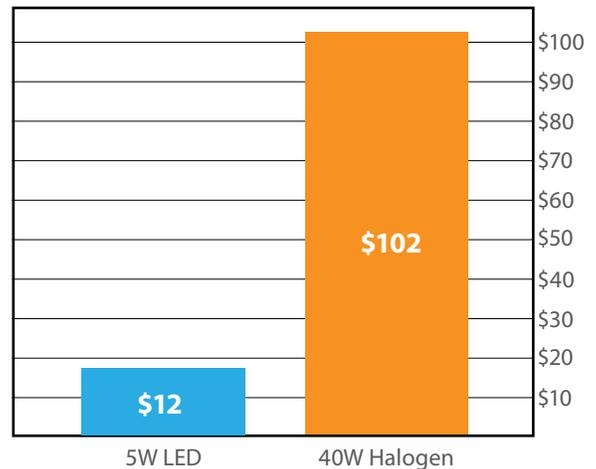
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Operating Voltage 85-265 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature +40°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



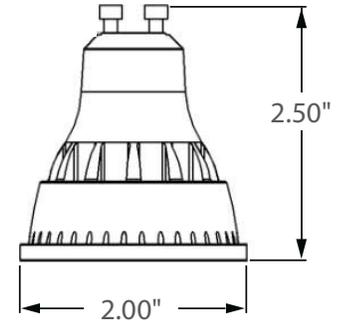
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015

Operates on 120VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED MR16 - GU-10 bulbs are designed for the replacement of existing halogen bulbs up to 50W. The LED-MR16 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its operating voltage allows for use in 120V applications.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 75 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MR1608-120V-830-GU-10
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-MR16 = MR16	08 = 8 W	120V = 120 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	GU-10 = GU-10



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-MR1608-120V-830	8	0.069	>0.90	<15%	3,000°	>80	630	78	GU-10	35°
LED-MR1608-120V-841	8	0.069	>0.90	<15%	4,100°	>80	640	80	GU-10	35°
LED-MR1608-120V-850	8	0.069	>0.90	<15%	5,000°	>80	670	83	GU-10	35°
LED-MR1608-120V-865	8	0.069	>0.90	<15%	6,500°	>80	680	85	GU-10	35°

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Operating Voltage 85-265 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature +40°C
- Lumens per Watt > 75
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



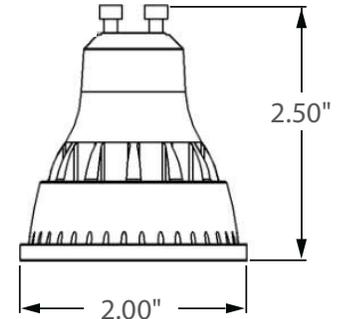
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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90+ CRI



Incredible 25,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED MR16 - GU-10 bulbs are designed for the replacement of existing halogen bulbs up to 50W. The LED-MR16 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 85 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 30° & 60°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MR1606-120V-ADIM-930-B30-GU-10
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-MR16 = MR16	06 = 6W	120V-ADIM = 120 VAC Analog/Triac Dimming	927 = 2700°K 930 = 3000°K 941 = 4100°K 950 = 5000°K	B30 = 30° Beam B60 = 60° Beam	GU10 = GU10 Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-MR1606-120V-ADIM-927	6	0.052	>0.90	<15%	2,700°	>90	510	85	GU10	30°/60°
LED-MR1606-120V-ADIM-930	6	0.052	>0.90	<15%	3,000°	>90	516	86	GU10	30°/60°
LED-MR1606-120V-ADIM-941	6	0.052	>0.90	<15%	4,100°	>90	534	89	GU10	30°/60°
LED-MR1606-120V-ADIM-950	6	0.052	>0.90	<15%	5,000°	>90	550	91	GU10	30°/60°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Operating Voltage 85-265 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 90
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 85
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



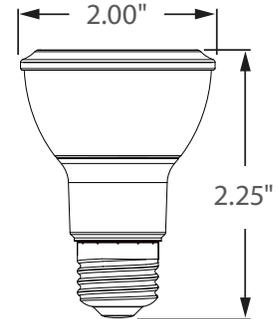
*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015

Operates on 120VAC



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Par16 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 40W. The LED-916 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its operating voltage allows for use in 120V applications.

APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 65 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-91605-120V-841-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-916 = PAR16	05 = 5 W	120V = 120 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K 865 = 6500°K	E26 = Medium



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-91605-120V-830	5	0.043	>0.90	<15%	3,000°	>80	325	65	E26	35°
LED-91605-120V-841	5	0.043	>0.90	<15%	4,100°	>80	330	66	E26	35°
LED-91605-120V-850	5	0.043	>0.90	<15%	5,000°	>80	340	68	E26	35°
LED-91605-120V-865	5	0.043	>0.90	<15%	6,500°	>80	345	69	E26	35°

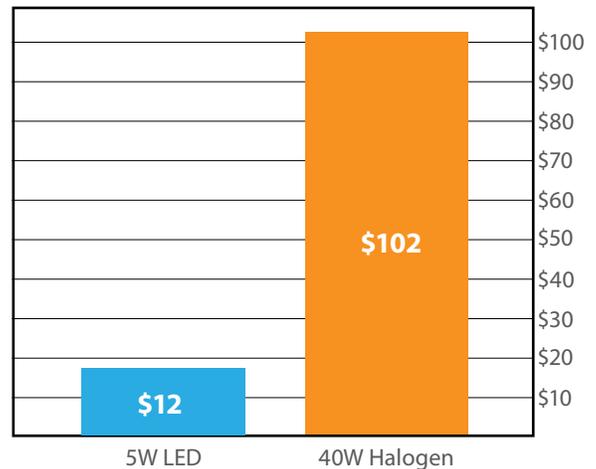
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Operating Voltage 86-265VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -25°C
- Maximum Starting Temperature +40°C
- Lumens per Watt > 65
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

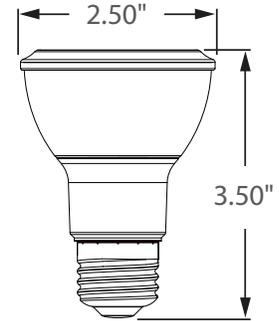


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 1-2015



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance IP65 Outdoor LED PAR20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 50W. The LED-920 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in wet rated outdoor environments
- Not for use in fully enclosed fixtures

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- IP65 Rated for use in outdoor environments.
- Wide variety of Correlated Color Temperatures and RGB Colors.
- High Luminous Efficacy: > 50 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-92009-120V-ADIM-GR-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-920 = PAR20	09 = 9W	120V-ADIM = 120 VAC Analog/Triac Dimming	823 = 2300°K (Amber) 835 = 3500°K 850 = 5000°K RD = Red Color BL = Blue Color GR = Green Color	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-92009-120V-ADIM-823	9	0.078	>0.90	<15%	2,300°	>80	486	54	E26	40°
LED-92009-120V-ADIM-835	9	0.078	>0.90	<15%	3,500°	>80	495	55	E26	40°
LED-92009-120V-ADIM-850	9	0.078	>0.90	<15%	5,000°	>80	500	56	E26	40°
LED-92009-120V-ADIM-RD	9	0.078	>0.90	<15%	RED	-	-	-	E26	40°
LED-92009-120V-ADIM-BL	9	0.078	>0.90	<15%	BLUE	-	-	-	E26	40°
LED-92009-120V-ADIM-GR	9	0.078	>0.90	<15%	GREEN	-	-	-	E26	40°

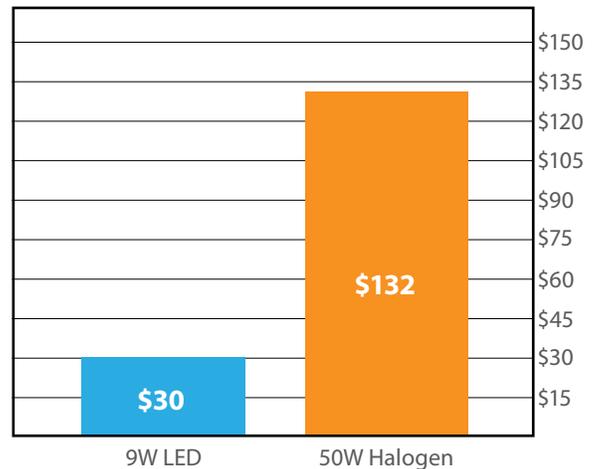
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 50
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- IP Rating IP65
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

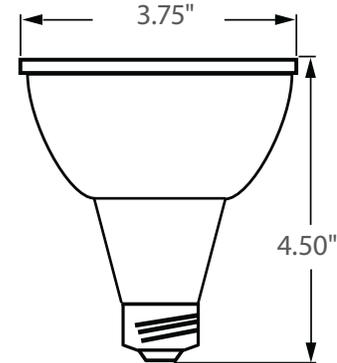


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 12-2014



Incredible **25,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance IP65 Outdoor LED PAR30 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-930 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in wet rated outdoor environments
- Not for use in fully enclosed fixtures

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- IP65 Rated for use in outdoor environments.
- Wide variety of Correlated Color Temperatures and RGB Colors.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93012-120V-ADIM-GR-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-930 = PAR30	12 = 12W	120V-ADIM = 120 VAC Analog/Triac Dimming	823 = 2300°K (Amber) 835 = 3500°K 850 = 5000°K RD = Red Color BL = Blue Color GR = Green Color	E26 = Medium Base



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93012-120V-ADIM-823	12	0.105	>0.90	<15%	2,300°	>80	756	63	E26	40°
LED-93012-120V-ADIM-835	12	0.105	>0.90	<15%	3,500°	>80	768	64	E26	40°
LED-93012-120V-ADIM-850	12	0.105	>0.90	<15%	5,000°	>80	800	66	E26	40°
LED-93012-120V-ADIM-RD	12	0.105	>0.90	<15%	RED	-	-	-	E26	40°
LED-93012-120V-ADIM-BL	12	0.105	>0.90	<15%	BLUE	-	-	-	E26	40°
LED-93012-120V-ADIM-GR	12	0.105	>0.90	<15%	GREEN	-	-	-	E26	40°

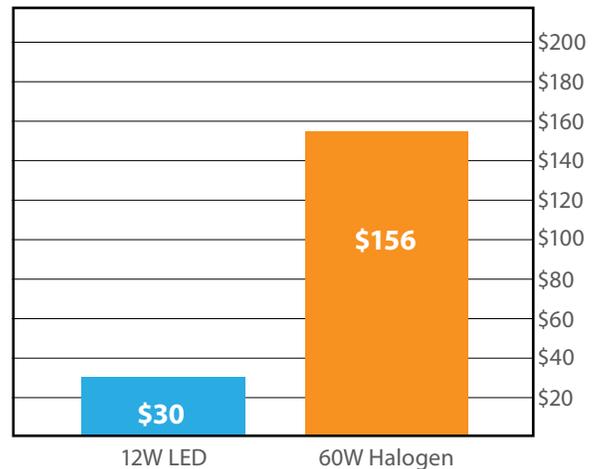
SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- IP Rating IP65
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

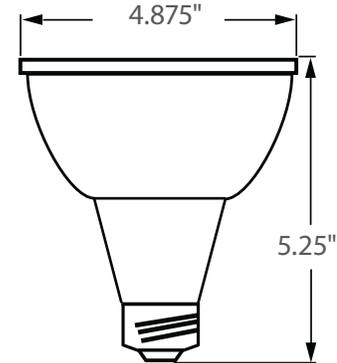


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 11-2014



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance IP65 Outdoor LED PAR38 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-938 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

APPLICATION

- Suitable for use in wet rated outdoor environments
- Not for use in fully enclosed fixtures

STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- IP65 Rated for use in outdoor environments.
- Wide variety of Correlated Color Temperatures and RGB Colors.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93815-120V-ADIM-GR-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-938 = PAR38	15 = 15W	120V-ADIM = 120 VAC Analog/Triac Dimming	823 = 2300°K (Amber) 835 = 3500°K 850 = 5000°K RD = Red Color BL = Blue Color GR = Green Color	E26 = Medium Base



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-93815-120V-ADIM-823	18	0.131	>0.90	<15%	2,300°	>80	945	63	E26	40°
LED-93815-120V-ADIM-835	18	0.131	>0.90	<15%	3,500°	>80	960	64	E26	40°
LED-93815-120V-ADIM-850	18	0.131	>0.90	<15%	5,000°	>80	1,000	66	E26	40°
LED-93815-120V-ADIM-RD	18	0.131	>0.90	<15%	RED	-	-	-	E26	40°
LED-93815-120V-ADIM-BL	18	0.131	>0.90	<15%	BLUE	-	-	-	E26	40°
LED-93815-120V-ADIM-GR	18	0.131	>0.90	<15%	GREEN	-	-	-	E26	40°

SPECIFICATIONS

- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Lumens per Watt > 60
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- IP Rating IP65
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

75% Energy Savings

Operation Costs Comparison over Life of LED Bulb

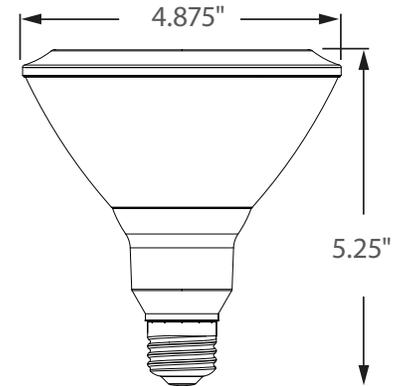
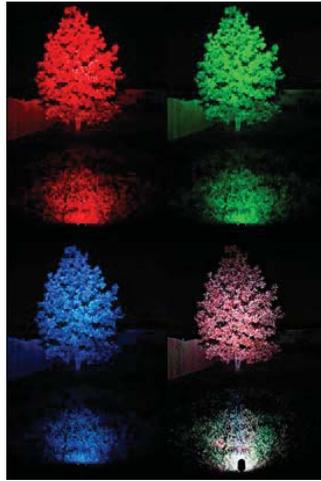


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's IP65 Outdoor LED PAR38 bulbs with RGBW technology allows you to choose from up to 16 colors (including white) and 4 effects: Dimming, Fading, Strobing, and Smooth Color Rotation. Our RGBW lamps operate with a universal hand held controller (included). Each bulb features a built-in receiver and captures the RF signal from the controller. Each controller can operate an unlimited number of fixtures up to 30 feet away. Featuring built in memory and synchronization.

APPLICATION

- Suitable for use in wet rated outdoor environments

STRUCTURE, MATERIALS, & FEATURES

- Finned aluminum casting for excellent thermal management.
- Flat polycarbonate shatterproof lens. (Glare Free)
- RGBW controller included to color changing operations.
- IP65 Rated for use in outdoor environments.
- Environmental Friendly - mercury and lead free.
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-93820-120V-ADIM-RGBW-E26
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Base
LED-938 = PAR38	20 = 20W	120V-ADIM = 120 VAC Analog/Triac Dimming	RGBW = Red, Green, Blue, & White color operation	E26 = Medium Base



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	Color Operation	Base	Beam Angle
LED-93820-120V-ADIM-RGBW	20	0.174	>0.90	<15%	RGBW	E26	25°

SPECIFICATIONS

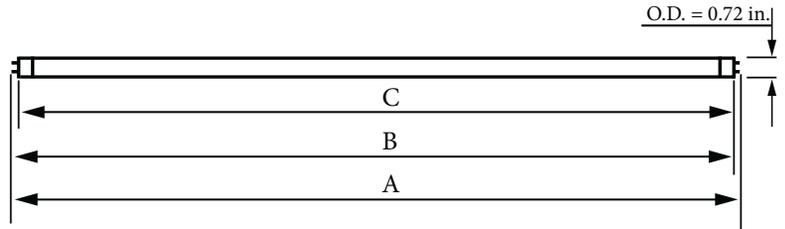
- LED Driver Constant Current
- Dimming Triac / Analog
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- LED / Driver System Life 25,000 Hrs.
- Color Temperature RGBW
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature +45°C
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	45.8"	45.4"	45.22"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED T5 retrofit kits are designed for the replacement of existing T5 fluorescent lighting systems. The LED-RK85 series system is offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The LED driver wires the same as Instant Start T5 ballasts for fast and easy installation.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 360 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- Mercury free design.
- No radiated EMI interference.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-RK85018-2L-UNV-841-R17D
 Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Voltage	Color Temp.	Options
LED-RK85 = T5 Retrofit Kit	018 = 18 W	1L = 1 Lamp System w/ Driver 2L = 2 Lamp System w/ Driver	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming * Contact Factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K	R17D = Recessed Double Contact Caps 



PRODUCT INFORMATION

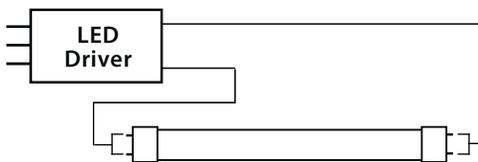
Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-RK85018-UNV-835	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,800	100	46"	G5	120°
LED-RK85018-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,836	102	46"	G5	120°
LED-RK85018-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,872	104	46"	G5	120°

SPECIFICATIONS

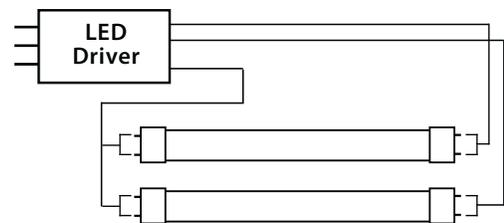
- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Driver Line Voltage 120-277 VAC
- Lamp Voltage 36-42 VDC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

1 Lamp T5 System



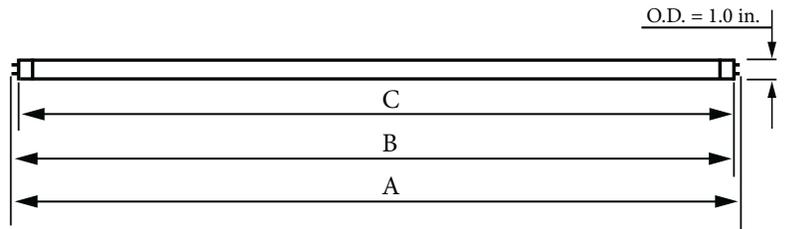
2 Lamp T5 System



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Spec. Rev. 4-2015



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
20W (4')	47.8"	47.4"	47.22"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED T8 retrofits are designed for the replacement of existing T8 fluorescent lighting systems. The LED-RK88 series system is offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The LED driver wires the same as Instant Start T8 ballasts for fast and easy installation.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 360 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- Mercury free design.
- No radiated EMI interference.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-RK88020-2L-UNV-841-R17D
 Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Voltage	Color Temp.	Options
LED-RK88 = T8 Retrofit Kit	020 = 20 W	1L = 1 Lamp System w/ Driver 2L = 2 Lamp System w/ Driver 3L = 3 Lamp System w/ Driver 4L = 4 Lamp System w/ Driver	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming * Contact Factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K	R17D = Recessed Double Contact Caps 



PRODUCT INFORMATION

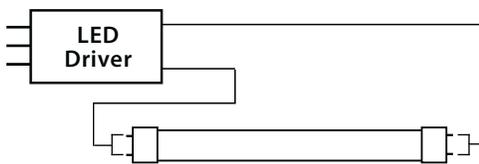
Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-RK88020-UNV-835	20	0.174-0.075	>0.90	<20%	3,500°	>80	2,000	100	48"	G13	120°
LED-RK88020-UNV-841	20	0.174-0.075	>0.90	<20%	4,100°	>80	2,040	102	48"	G13	120°
LED-RK88020-UNV-850	20	0.174-0.075	>0.90	<20%	5,000°	>80	2,080	104	48"	G13	120°

SPECIFICATIONS

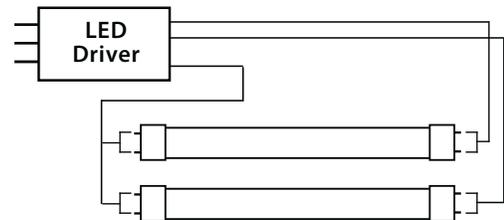
- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Driver Line Voltage 120-277 VAC
- Lamp Voltage 36-42 VDC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

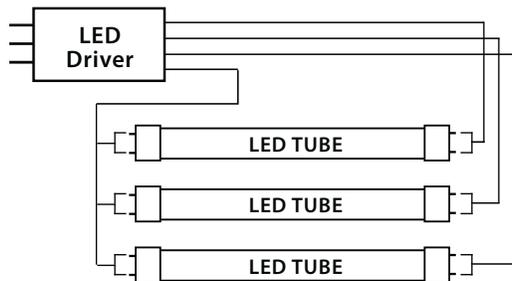
1 Lamp T8 System



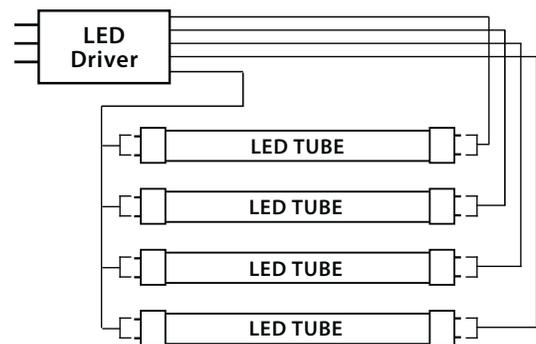
2 Lamp T8 System



3 Lamp T8 System



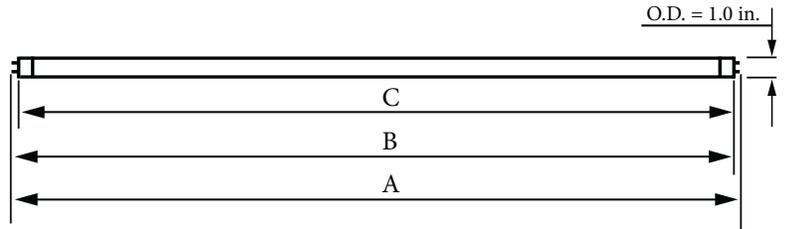
4 Lamp T8 System



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Spec. Rev. 4-2015



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	47.8"	47.4"	47.22"

MASTER FIT

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's MASTERFIT 4' LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The unique design allows for compatible use with any Instant Start T8 Ballast with no rewiring involved. These tubes can also be used without an electronic ballast and wired directly to 120-277VAC power source. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Light Weight plastic backing with excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Compatible with all T8 electronic ballast systems.
- Compatible with 120-277VAC power source.
- InstantON flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD internal driver.
- Up to 15 years Maintenance free operation.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- Up to 105 lumens per watt.
- Mercury free design.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-MF-88018-UNV-841-R17D
Custom options and accessories available. Please consult factory

Series	Type	Wattage	Voltage	Color Temp.	Options
LED-MF = Master Fit LED * * Compatible with all T8 Electronic Ballast * Suitable for use with no ballast and can be wired to 120-277VAC power source	88 = T8 Tubes	018 = 18 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	R17D = Recessed Double Contact Caps 

** Tube ships w/ standard bi-pin base



PRODUCT INFORMATION

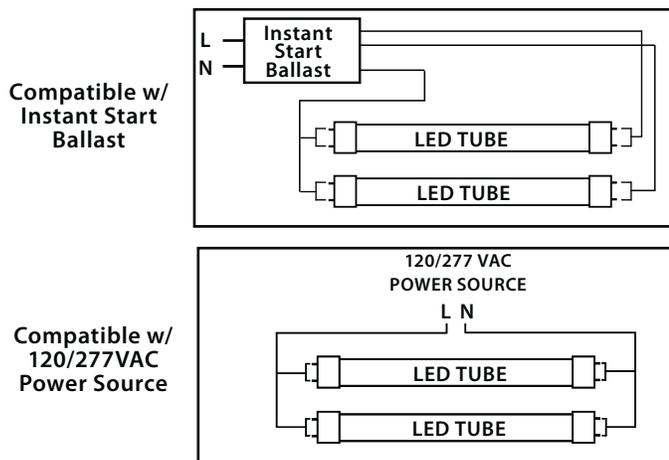
Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Beam Angle
LED-MF-88018-UNV-835	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,854	103	48"	200°
LED-MF-88018-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,872	104	48"	200°
LED-MF-88018-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,890	105	48"	200°

** Input Wattage varies based on Ballast Factor

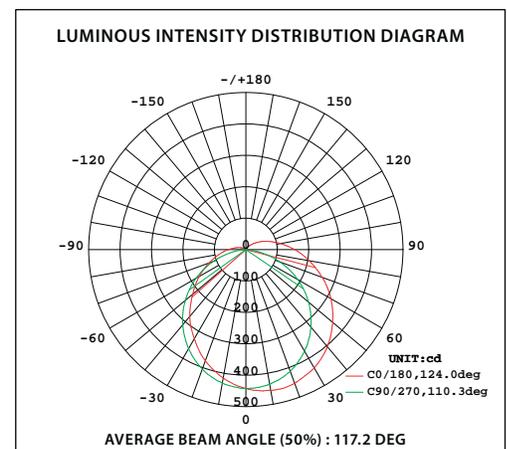
SPECIFICATIONS

- Compatible Ballast Instant-Start
- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



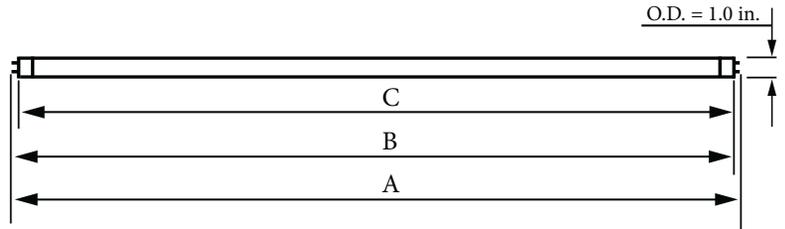
PHOTOMETRICS



Neptun Light, Inc.
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Spec. Rev. 4-2015



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Light Weight plastic backing with excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- High Output LED's with up to 100 lm/w.
- Compatible with 120-347VAC power source.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- No radiated EMI interference.
- Mercury free design.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88018-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	018 = 18W	347V = 120-347 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



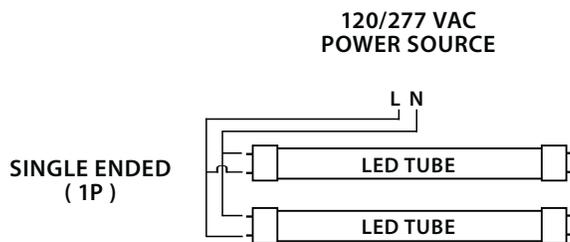
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 347	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88018-347V-835	18	0.157-0.054	>0.90	<20%	3,500°	>80	1,908	106	48"	Bi-Pin	200°
LED-88018-347V-841	18	0.157-0.054	>0.90	<20%	4,100°	>80	1,944	108	48"	Bi-Pin	200°
LED-88018-347V-850	18	0.157-0.054	>0.90	<20%	5,000°	>80	1,980	110	48"	Bi-Pin	200°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-347 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

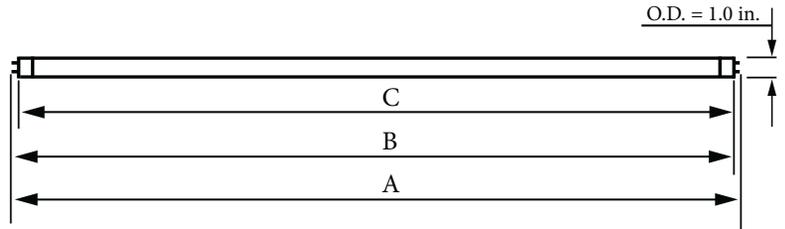
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance 260° Beam LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Light Weight plastic backing with excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- 260° Beam for greater use of existing reflectors.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88018-UNV-841Z-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	018 = 18 W	UNV = 120-277 VAC	835Z = 3500°K 841Z = 4100°K 850Z = 5000°K	1P = Single Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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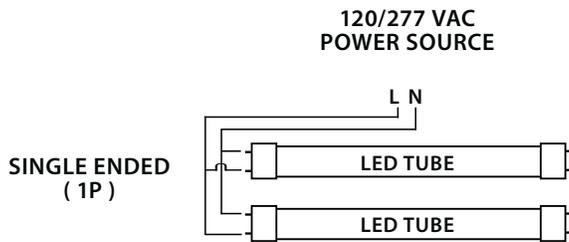
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88018-UNV-835Z	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,908	106	48"	Bi-Pin	260°
LED-88018-UNV-841Z	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,944	108	48"	Bi-Pin	260°
LED-88018-UNV-850Z	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,980	110	48"	Bi-Pin	260°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 95
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

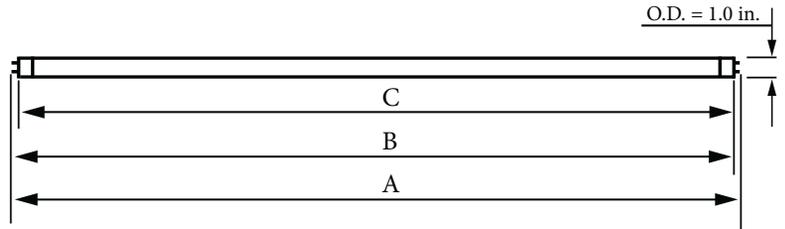
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance 260° Beam LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Light Weight plastic backing with excellent thermal management.
- Frosted non yellowing glass lens for even glow. (Glare Free)
- 260° Beam for greater use of existing reflectors.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88018-UNV-841F-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	018 = 18 W	UNV = 120-277 VAC	835F = 3500°K 841F = 4100°K 850F = 5000°K	1P = Single Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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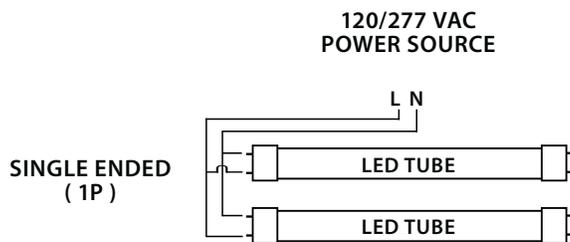
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88018-UNV-835F	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,908	106	48"	Bi-Pin	260°
LED-88018-UNV-841F	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,944	108	48"	Bi-Pin	260°
LED-88018-UNV-850F	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,980	110	48"	Bi-Pin	260°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 95
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

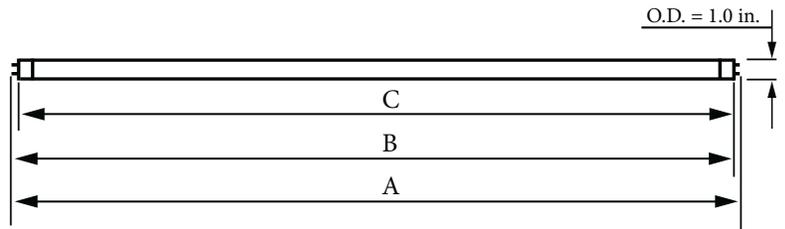
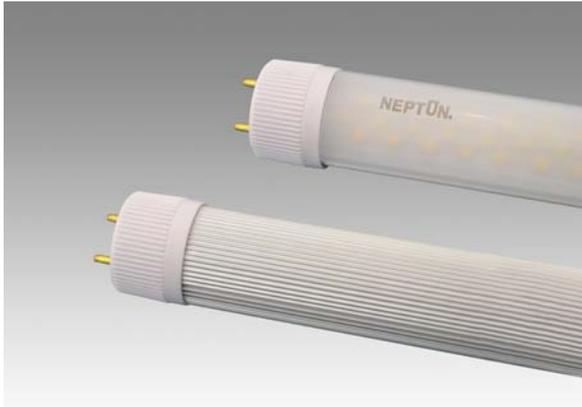
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
10W (2')	23.8"	23.4"	23.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 180 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88010-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	010 = 10 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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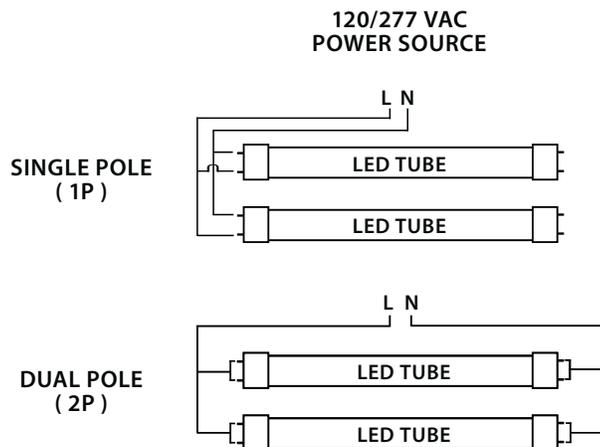
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88010-UNV-835	10	0.087-0.037	>0.90	<20%	3,500°	>80	1,000	100	24"	Bi-Pin	120°
LED-88010-UNV-841	10	0.087-0.037	>0.90	<20%	4,100°	>80	1,020	102	24"	Bi-Pin	120°
LED-88010-UNV-850	10	0.087-0.037	>0.90	<20%	5,000°	>80	1,040	104	24"	Bi-Pin	120°

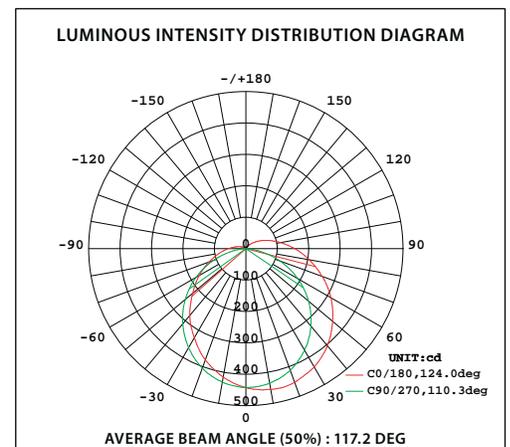
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



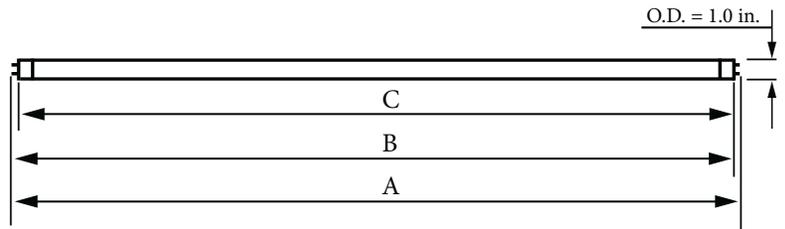
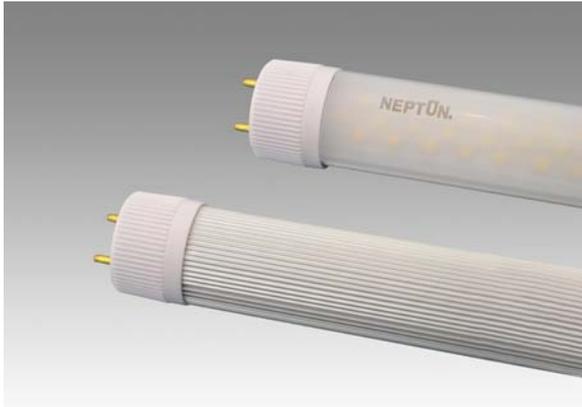
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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
15W (3')	35.8"	35.4"	35.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 288 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88015-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	015 = 15 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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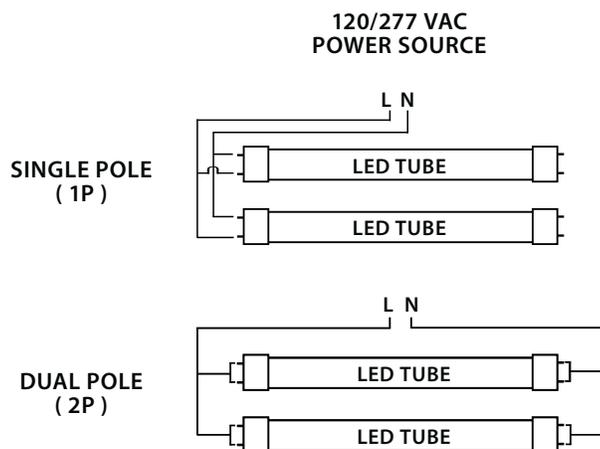
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88015-UNV-835	15	0.131-0.056	>0.90	<20%	3,500°	>80	1,500	100	36"	Bi-Pin	120°
LED-88015-UNV-841	15	0.131-0.056	>0.90	<20%	4,100°	>80	1,530	102	36"	Bi-Pin	120°
LED-88015-UNV-850	15	0.131-0.056	>0.90	<20%	5,000°	>80	1,560	104	36"	Bi-Pin	120°

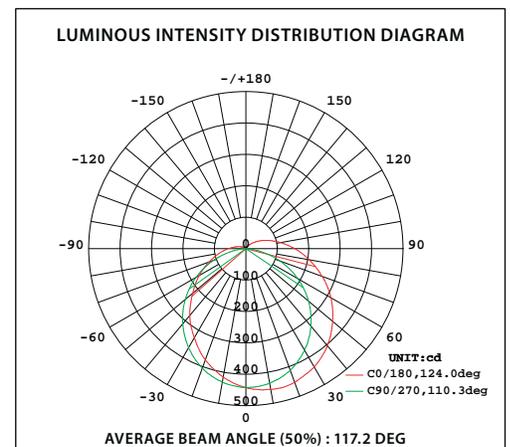
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



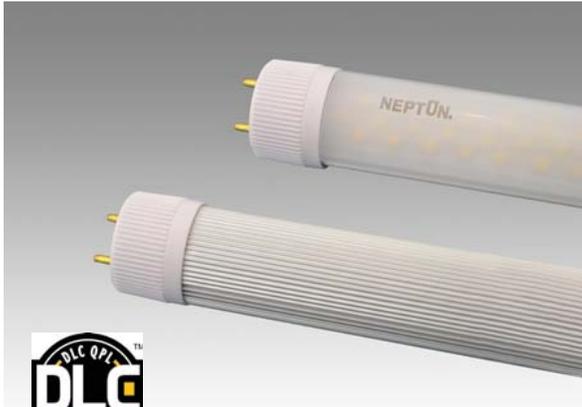
PHOTOMETRICS



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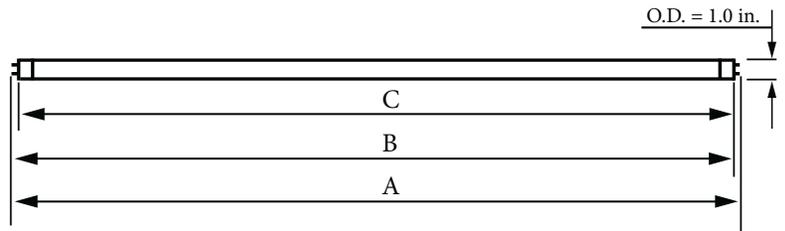
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Please check latest update for complete information.

http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
20W (4')	47.8"	47.4"	47.22"
26W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3000°K, 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88020-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	020 = 20 W 026 = 26 W	UNV = 120-277 VAC	830 = 3000°K 835 = 3500°K 841 = 4100°K ** 850 = 5000°K ** = DLC Listed	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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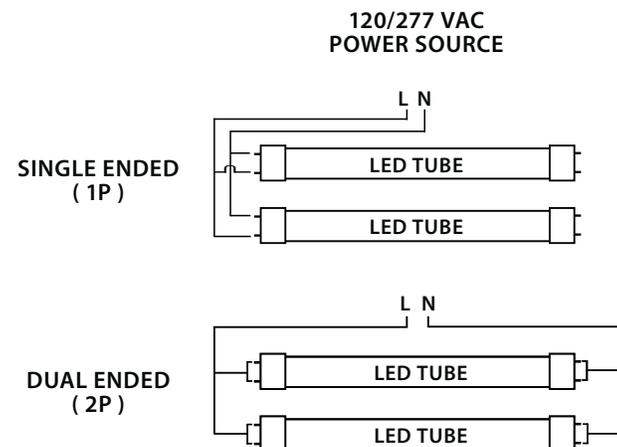
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88020-UNV-830	20	0.174-0.075	>0.90	<20%	3,000°	>80	2,000	100	48"	Bi-Pin	120°
LED-88020-UNV-835	20	0.174-0.075	>0.90	<20%	3,500°	>80	2,040	102	48"	Bi-Pin	120°
LED-88020-UNV-841	20	0.174-0.075	>0.90	<20%	4,100°	>80	2,060	103	48"	Bi-Pin	120°
LED-88020-UNV-850	20	0.174-0.075	>0.90	<20%	5,000°	>80	2,080	104	48"	Bi-Pin	120°
LED-88026-UNV-830	26	0.227-0.098	>0.90	<20%	3,000°	>80	2,600	100	48"	Bi-Pin	120°
LED-88026-UNV-835	26	0.227-0.098	>0.90	<20%	3,500°	>80	2,652	102	48"	Bi-Pin	120°
LED-88026-UNV-841	26	0.227-0.098	>0.90	<20%	4,100°	>80	2,678	103	48"	Bi-Pin	120°
LED-88026-UNV-850	26	0.227-0.098	>0.90	<20%	5,000°	>80	2,704	104	48"	Bi-Pin	120°

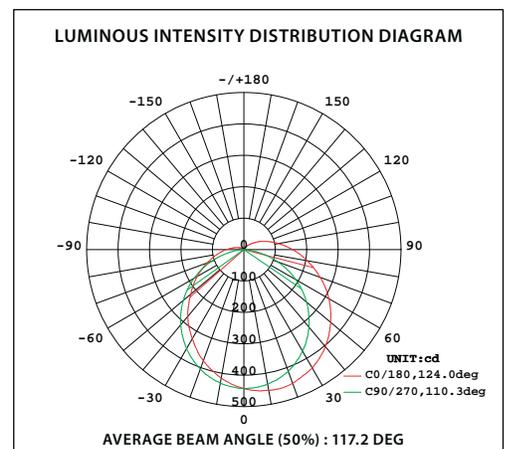
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



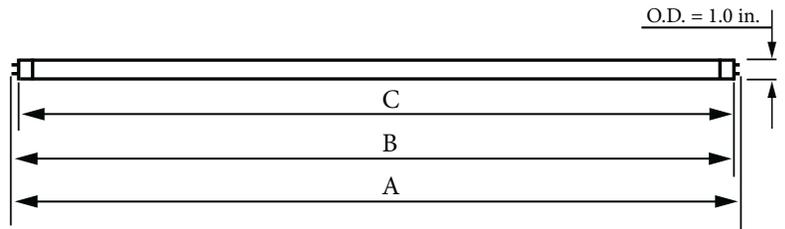
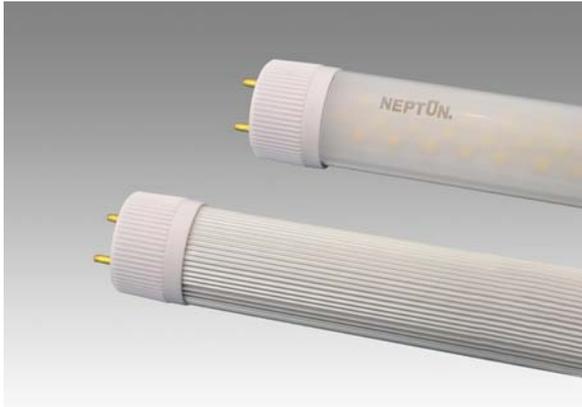
PHOTOMETRICS



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
30W (6')	71.8"	71.4"	71.22"
39W (6')	71.8"	71.4"	71.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting
- Retail Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 576 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88030-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	030 = 30 W 039 = 39 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended	R17D = Recessed Double Contact Caps 



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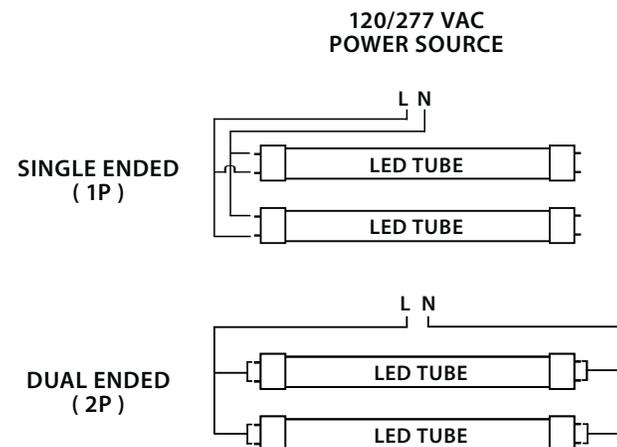
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88030-UNV-835	30	0.262-0.113	>0.90	<20%	3,500°	>80	3,000	100	72"	Bi-Pin	120°
LED-88030-UNV-841	30	0.262-0.113	>0.90	<20%	4,100°	>80	3,060	102	72"	Bi-Pin	120°
LED-88030-UNV-850	30	0.262-0.113	>0.90	<20%	5,000°	>80	3,120	104	72"	Bi-Pin	120°
LED-88039-UNV-835	39	0.341-0.147	>0.90	<20%	3,500°	>80	3,900	100	72"	Bi-Pin	120°
LED-88039-UNV-841	39	0.341-0.147	>0.90	<20%	4,100°	>80	3,978	102	72"	Bi-Pin	120°
LED-88039-UNV-850	39	0.341-0.147	>0.90	<20%	5,000°	>80	4,056	104	72"	Bi-Pin	120°

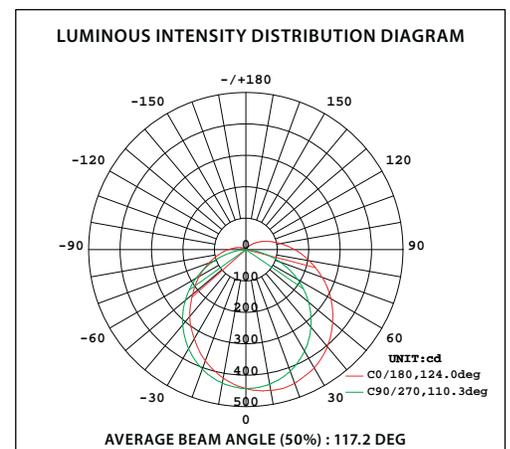
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



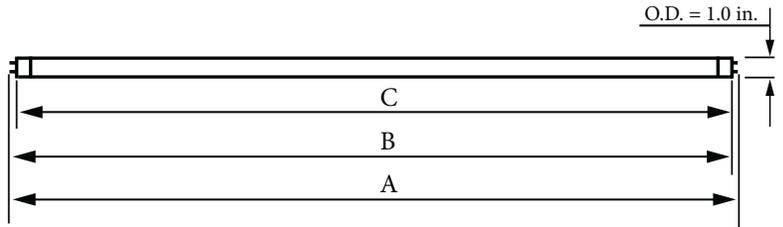
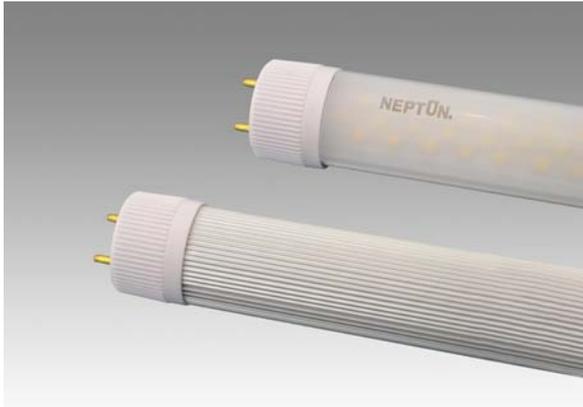
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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
40W (8')	95.8"	95.4"	95.22"
52W (8')	95.8"	95.4"	95.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting
- Retail Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 720 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88040-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	040 = 40 W 052 = 52 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended	R17D = Recessed Double Contact Caps 



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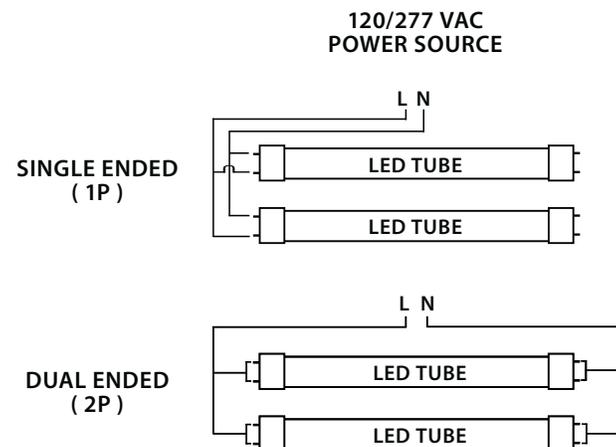
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88040-UNV-835	40	0.349-0.151	>0.90	<20%	3,500°	>80	4,000	100	96"	Bi-Pin	120°
LED-88040-UNV-841	40	0.349-0.151	>0.90	<20%	4,100°	>80	4,080	102	96"	Bi-Pin	120°
LED-88040-UNV-850	40	0.349-0.151	>0.90	<20%	5,000°	>80	4,160	104	96"	Bi-Pin	120°
LED-88052-UNV-835	52	0.454-0.197	>0.90	<20%	3,500°	>80	5,200	100	96"	Bi-Pin	120°
LED-88052-UNV-841	52	0.454-0.197	>0.90	<20%	4,100°	>80	5,304	102	96"	Bi-Pin	120°
LED-88052-UNV-850	52	0.454-0.197	>0.90	<20%	5,000°	>80	5,408	104	96"	Bi-Pin	120°

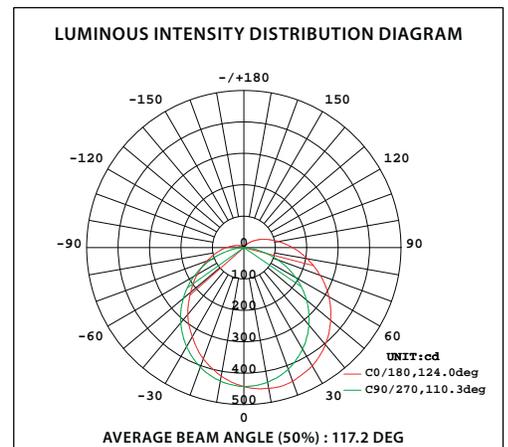
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



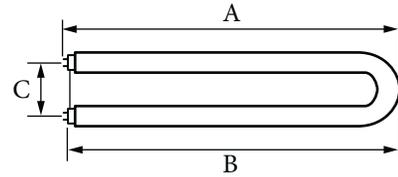
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Dimensions in inches

Product	(A) Max. Overall Length (in.)	(B) Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Pin (in.)
18W	22.50"	22.25"	1.625"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED Narrow U-Bend T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The NUBT8-88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 180 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-NUBT8-88018-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Wiring Config.	Options
LED = LED	NUBT8-88 = Narrow U-Bend T8 Tubes	018 = 18 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended	R17D = Recessed Double Contact Caps 



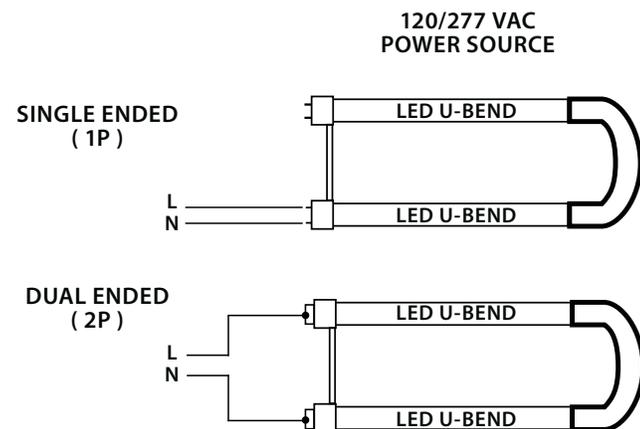
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Leg Spacing (Inch)	Base	Beam Angle
LED-NUBT8-88018-835-UNV	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,800	100	1-5/8"	Bi-Pin	120°
LED-NUBT8-88018-841-UNV	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,836	102	1-5/8"	Bi-Pin	120°
LED-NUBT8-88018-850-UNV	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,872	104	1-5/8"	Bi-Pin	120°

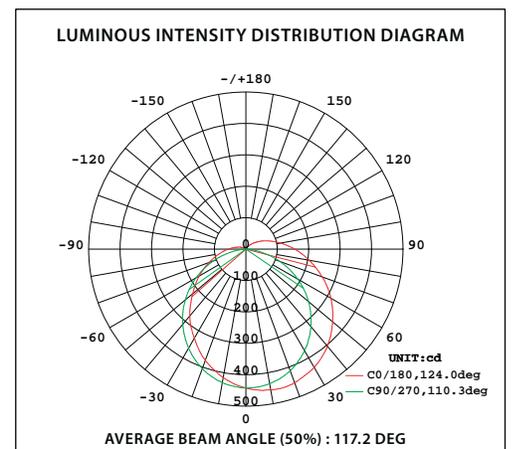
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



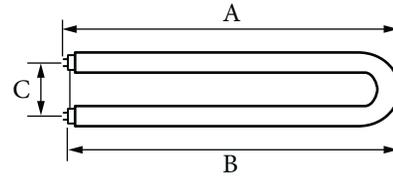
PHOTOMETRICS



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Dimensions in inches

Product Type	(A) Max. Overall Length (in.)	(B) Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Pin (in.)
20W	23.00"	22.60"	6.00"
26W	23.00"	22.60"	6.00"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED U-Bend T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The UBT8-88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3000°K, 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-UBT8-88020-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Wiring Config.	Options
LED = LED	UBT8-88 = U-Bend T8 Tubes	020 = 20 W 026 = 26 W	UNV = 120-277 VAC	830 = 3000°K 835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * see pg. 2	R17D = Recessed Double Contact Caps 



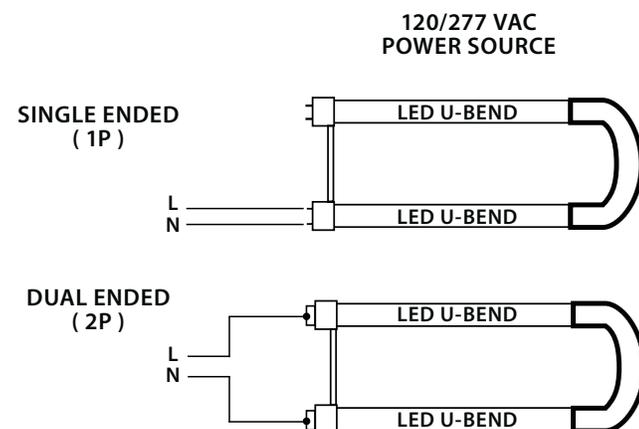
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Leg Spacing (Inch)	Base	Beam Angle
LED-UBT8-88020-UNV-830	20	0.174-0.075	>0.90	<20%	3,000°	>80	2,000	100	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-835	20	0.174-0.075	>0.90	<20%	3,500°	>80	2,040	102	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-841	20	0.174-0.075	>0.90	<20%	4,100°	>80	2,060	103	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-850	20	0.174-0.075	>0.90	<20%	5,000°	>80	2,080	104	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-830	26	0.227-0.098	>0.90	<20%	3,000°	>80	2,600	100	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-835	26	0.227-0.098	>0.90	<20%	3,500°	>80	2,652	102	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-841	26	0.227-0.098	>0.90	<20%	4,100°	>80	2,678	103	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-850	26	0.227-0.098	>0.90	<20%	5,000°	>80	2,704	104	6.00"	Bi-Pin	120°

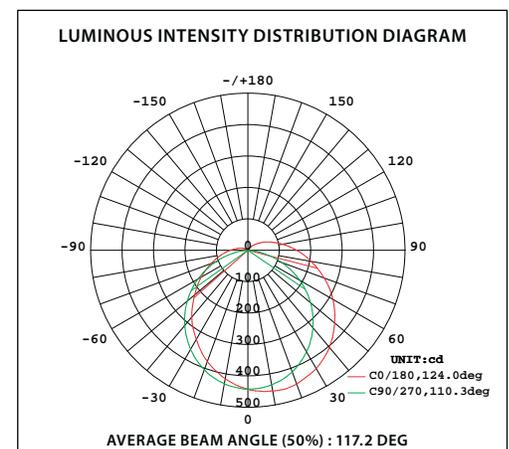
SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



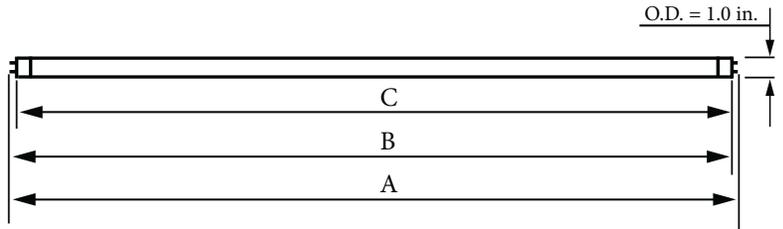
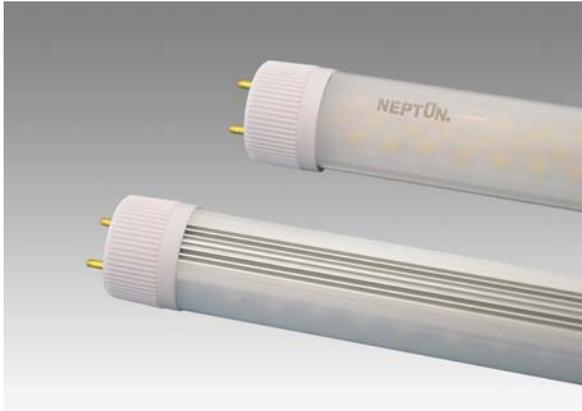
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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
10W (2')	23.8"	23.4"	23.22"
13W (2')	23.8"	23.4"	23.22"
16W (2')	23.8"	23.4"	23.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 192 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88010-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	DI-88 = Direct/Indirect T8 Tubes	010 = 10 W 013 = 13 W 016 = 16 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended	R17D = Recessed Double Contact Caps 



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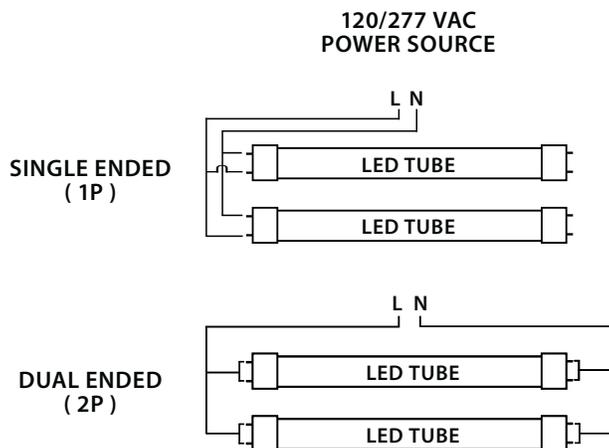
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88010-UNV-835	10	0.087-0.037	>0.90	<20%	3,500°	>80	1,000	100	24"	Bi-Pin	360°
LED-DI-88010-UNV-841	10	0.087-0.037	>0.90	<20%	4,100°	>80	1,020	102	24"	Bi-Pin	360°
LED-DI-88010-UNV-850	10	0.087-0.037	>0.90	<20%	5,000°	>80	1,040	104	24"	Bi-Pin	360°
LED-DI-88013-UNV-835	13	0.113-0.049	>0.90	<20%	3,500°	>80	1,300	100	24"	Bi-Pin	360°
LED-DI-88013-UNV-841	13	0.113-0.049	>0.90	<20%	4,100°	>80	1,326	102	24"	Bi-Pin	360°
LED-DI-88013-UNV-850	13	0.113-0.049	>0.90	<20%	5,000°	>80	1,352	104	24"	Bi-Pin	360°
LED-DI-88016-UNV-835	16	0.139-0.060	>0.90	<20%	3,500°	>80	1,600	100	24"	Bi-Pin	360°
LED-DI-88016-UNV-841	16	0.139-0.060	>0.90	<20%	4,100°	>80	1,632	102	24"	Bi-Pin	360°
LED-DI-88016-UNV-850	16	0.139-0.060	>0.90	<20%	5,000°	>80	1,664	104	24"	Bi-Pin	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

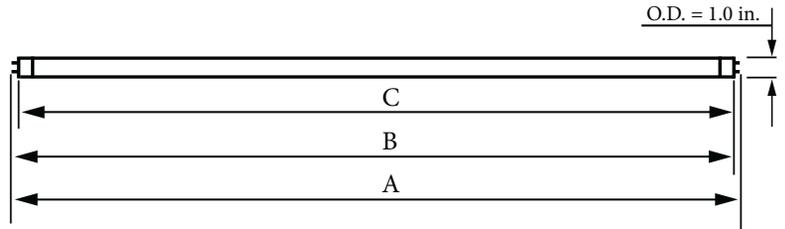
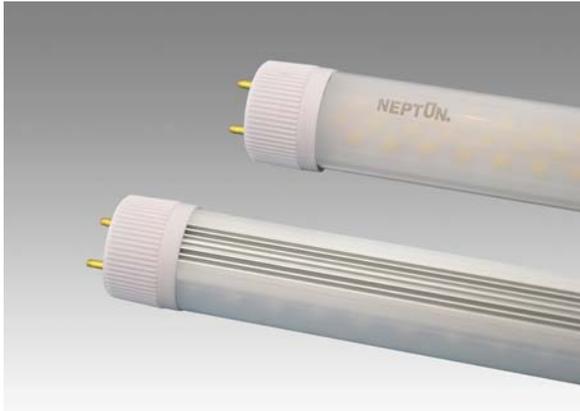
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
20W (4')	47.8"	47.4"	47.22"
26W (4')	47.8"	47.4"	47.22"
32W (4')	47.8"	47.4"	47.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 480 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88020-UNV-841-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	DI-88 = Direct/Indirect T8 Tubes	020 = 20 W 026 = 26 W 032 = 32 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended	R17D = Recessed Double Contact Caps 



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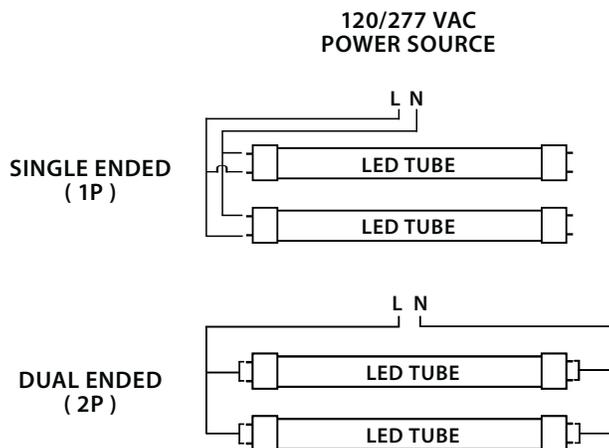
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88020-UNV-835	20	0.174-0.075	>0.90	<20%	3,500°	>80	2,000	100	48"	Bi-Pin	360°
LED-DI-88020-UNV-841	20	0.174-0.075	>0.90	<20%	4,100°	>80	2,040	102	48"	Bi-Pin	360°
LED-DI-88020-UNV-850	20	0.174-0.075	>0.90	<20%	5,000°	>80	2,080	104	48"	Bi-Pin	360°
LED-DI-88026-UNV-835	26	0.227-0.098	>0.90	<20%	3,500°	>80	2,600	100	48"	Bi-Pin	360°
LED-DI-88026-UNV-841	26	0.227-0.098	>0.90	<20%	4,100°	>80	2,652	102	48"	Bi-Pin	360°
LED-DI-88026-UNV-850	26	0.227-0.098	>0.90	<20%	5,000°	>80	2,704	104	48"	Bi-Pin	360°
LED-DI-88032-UNV-835	32	0.279-0.121	>0.90	<20%	3,500°	>80	3,200	100	48"	Bi-Pin	360°
LED-DI-88032-UNV-841	32	0.279-0.121	>0.90	<20%	4,100°	>80	3,264	102	48"	Bi-Pin	360°
LED-DI-88032-UNV-850	32	0.279-0.121	>0.90	<20%	5,000°	>80	3,328	104	48"	Bi-Pin	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

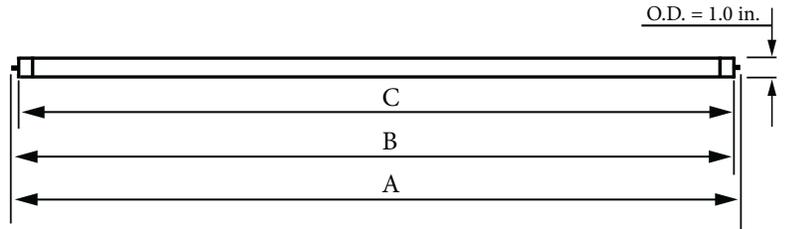
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
16W (2')	23.8"	23.4"	23.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88016-UNV-841-SP
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
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LED = LED	DI-88 = Direct/Indirect T8 Tubes	016 = 16 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



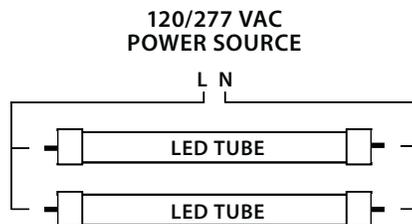
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88016-UNV-835	16	0.139-0.060	>0.90	<20%	3,500°	>80	1,600	100	24"	FA8	360°
LED-DI-88016-UNV-841	16	0.139-0.060	>0.90	<20%	4,100°	>80	1,632	102	24"	FA8	360°
LED-DI-88016-UNV-850	16	0.139-0.060	>0.90	<20%	5,000°	>80	1,664	104	24"	FA8	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

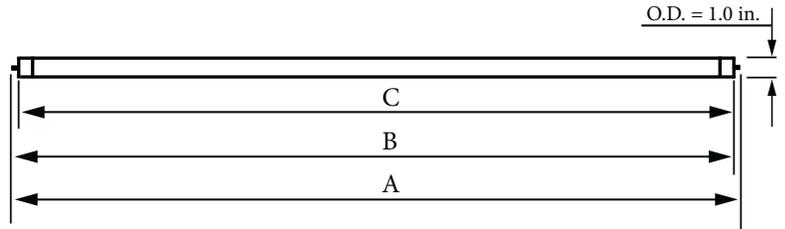
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
32W (4')	47.8"	47.4"	47.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88032-UNV-841-SP
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
LED = LED	DI-88 = Direct/Indirect T8 Tubes	032 = 32 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



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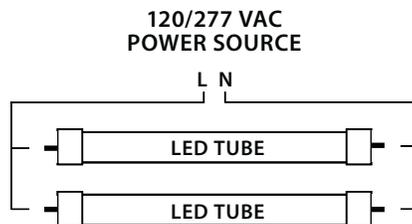
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88032-UNV-835	32	0.279-0.121	>0.90	<20%	3,500°	>80	3,200	100	48"	FA8	360°
LED-DI-88032-UNV-841	32	0.279-0.121	>0.90	<20%	4,100°	>80	3,264	102	48"	FA8	360°
LED-DI-88032-UNV-850	32	0.279-0.121	>0.90	<20%	5,000°	>80	3,328	104	48"	FA8	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

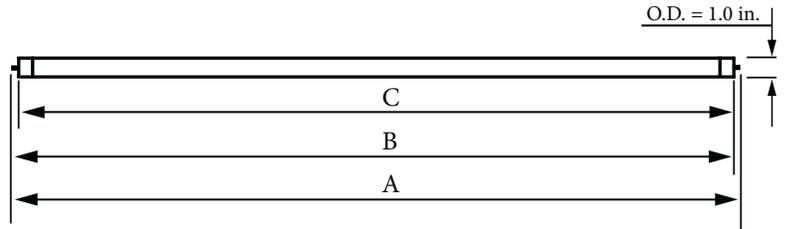
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
36W (5')	59.8"	59.4"	59.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88036-UNV-841-SP
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
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LED = LED	DI-88 = Direct/Indirect T8 Tubes	036 = 36 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



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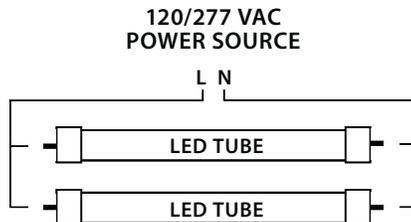
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88036-UNV-835	36	0.315-0.136	>0.90	<20%	3,500°	>80	3,600	100	60"	FA8	360°
LED-DI-88032-UNV-841	36	0.315-0.136	>0.90	<20%	4,100°	>80	3,672	102	60"	FA8	360°
LED-DI-88032-UNV-850	36	0.315-0.136	>0.90	<20%	5,000°	>80	3,744	104	60"	FA8	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

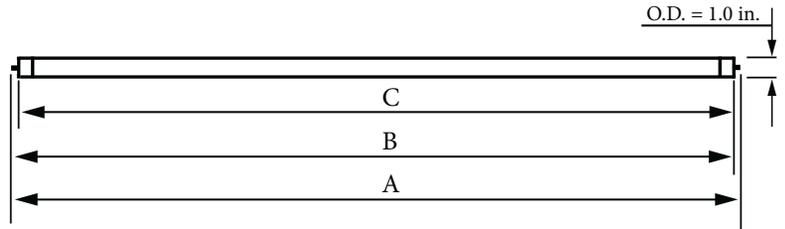
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
38W (6')	71.8"	71.4"	71.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88038-UNV-841-SP
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
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LED = LED	DI-88 = Direct/Indirect T8 Tubes	038 = 38 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



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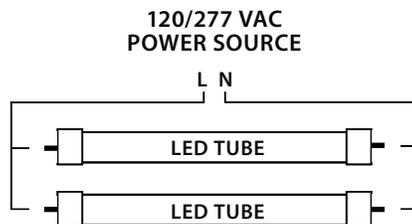
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88038-UNV-835	38	0.332-0.144	>0.90	<20%	3,500°	>80	3,800	100	72"	FA8	360°
LED-DI-88038-UNV-841	38	0.332-0.144	>0.90	<20%	4,100°	>80	3,876	102	72"	FA8	360°
LED-DI-88038-UNV-850	38	0.332-0.144	>0.90	<20%	5,000°	>80	3,952	104	72"	FA8	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

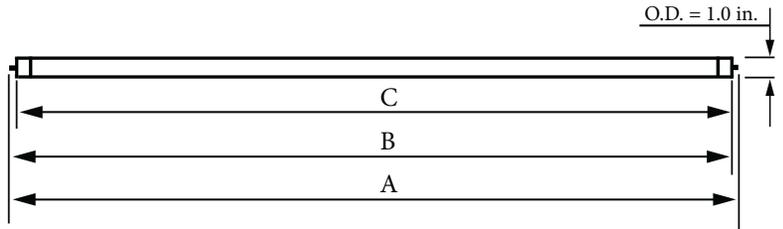
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
64W (8')	95.8"	95.4"	95.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-DI-88064-UNV-841-SP
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
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LED = LED	DI-88 = Direct/Indirect T8 Tubes	064 = 64 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



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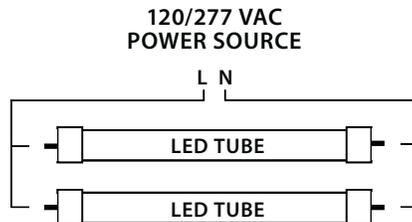
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88064-UNV-835	64	0.559-0.242	>0.90	<20%	3,500°	>80	6,400	100	96"	Single	360°
LED-DI-88064-UNV-841	64	0.559-0.242	>0.90	<20%	4,100°	>80	6,528	102	96"	Single	360°
LED-DI-88064-UNV-850	64	0.559-0.242	>0.90	<20%	5,000°	>80	6,656	104	96"	Single	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

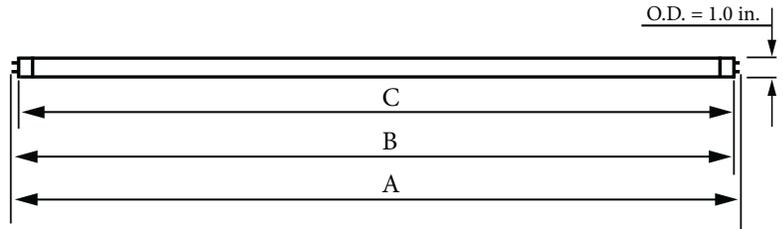
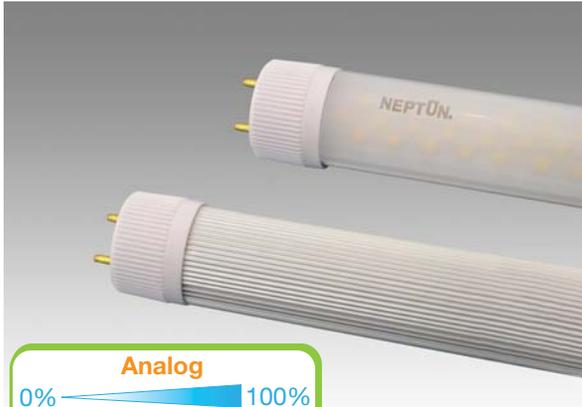
WIRING DIAGRAM (See Complete Installation Instructions)



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Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
20W (4')	47.8"	47.4"	47.22"
26W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-20% light output for increased energy savings. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3000°K, 3500°K, 4100°K, & 5000°K.
- Dimming controlled with standard Analog Dimmer.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-88020-120V-ADIM-841-1P-R17D
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver System	Color Temp.	Wiring Config.	Options
LED-88 = T8 Tubes	020 = 20 W 026 = 26 W	120 = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



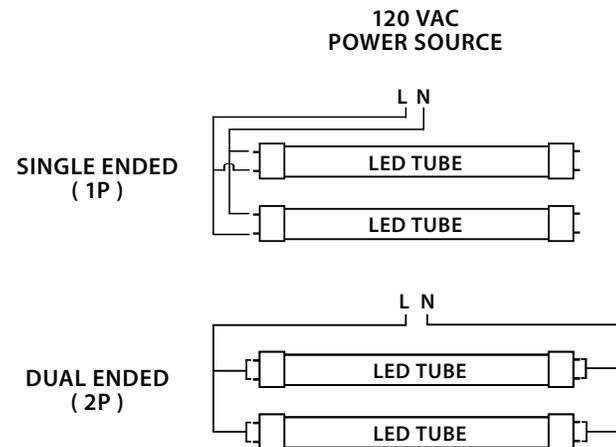
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88020-120V-ADIM-830	20	0.174	>0.90	<15%	3,000°	>80	2,000	100	48"	Bi-Pin	120°
LED-88020-120V-ADIM-835	20	0.174	>0.90	<15%	3,500°	>80	2,040	102	48"	Bi-Pin	120°
LED-88020-120V-ADIM-841	20	0.174	>0.90	<15%	4,100°	>80	2,060	103	48"	Bi-Pin	120°
LED-88020-120V-ADIM-850	20	0.174	>0.90	<15%	5,000°	>80	2,080	104	48"	Bi-Pin	120°
LED-88026-120V-ADIM-830	26	0.227	>0.90	<15%	3,000°	>80	2,600	100	48"	Bi-Pin	120°
LED-88026-120V-ADIM-835	26	0.227	>0.90	<15%	3,500°	>80	2,652	102	48"	Bi-Pin	120°
LED-88026-120V-ADIM-841	26	0.227	>0.90	<15%	4,100°	>80	2,678	103	48"	Bi-Pin	120°
LED-88026-120V-ADIM-850	26	0.227	>0.90	<15%	5,000°	>80	2,704	104	48"	Bi-Pin	120°

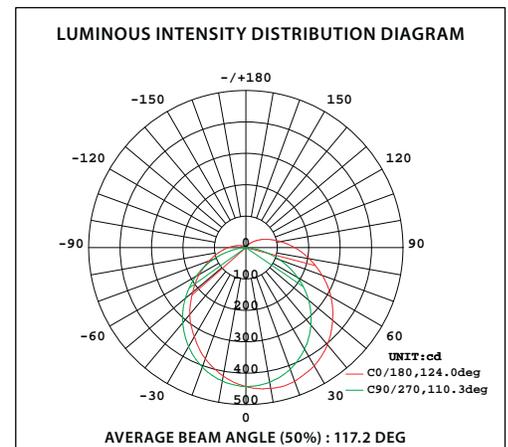
SPECIFICATIONS

- LED Driver Self-Ballasted
- Dimming System Analog/Triac
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



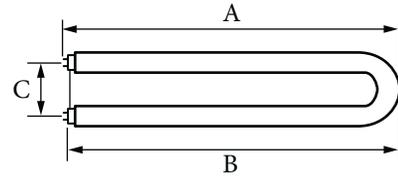
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Dimensions in inches

Product	(A) Max. Overall Length (in.)	(B) Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Pin (in.)
18W	22.50"	22.25"	1.625"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED Narrow U-Bend T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The NUBT8-88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 180 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-NUBT8-88018-120V-ADIM-841-1P-R17D
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver System	Color Temp.	Wiring Config.	Options
LED-NUBT8-88 = U-Bend T8 Tubes 1-5/8" leg spacing	018 = 18 W	120V = 120 VAC	ADIM = Analog Dimming	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



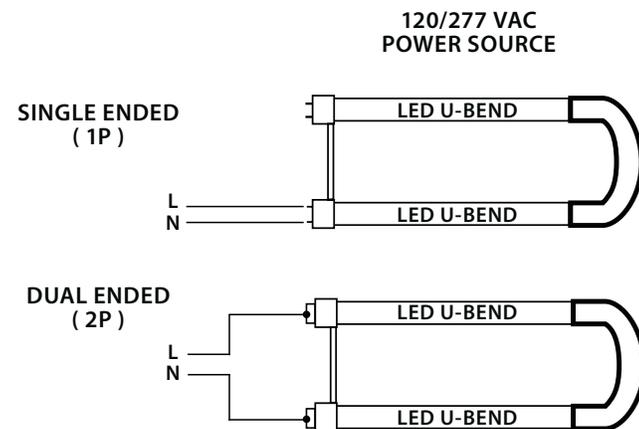
PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120V	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-NUBT8-88018-120V-ADIM-835	18	0.157	>0.90	<15%	3,500°	>80	1,800	100	48"	Bi-Pin	120°
LED-NUBT8-88018-120V-ADIM-841	18	0.157	>0.90	<15%	4,100°	>80	1,836	102	48"	Bi-Pin	120°
LED-NUBT8-88018-120V-ADIM-850	18	0.157	>0.90	<15%	5,000°	>80	1,872	104	48"	Bi-Pin	120°

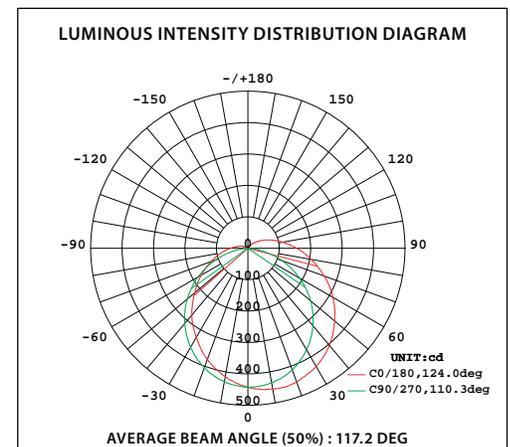
SPECIFICATIONS

- LED Driver Self-Ballasted
- Dimming System Analog/Triac
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



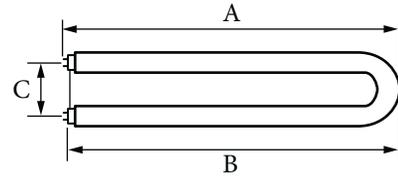
PHOTOMETRICS



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Dimensions in inches

Product Type	(A) Max. Overall Length (in.)	(B) Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Pin (in.)
20W	23.00"	22.60"	6.00"
26W	23.00"	22.60"	6.00"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED U-Bend T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The UBT8-88 series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3000°K, 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-UBT8-88020-120V-ADIM-841-1P-R17D
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver System	Color Temp.	Wiring Config.	Options
LED-UBT8-88 = U-Bend T8 Tubes	020 = 20 W 026 = 26 W	120V = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



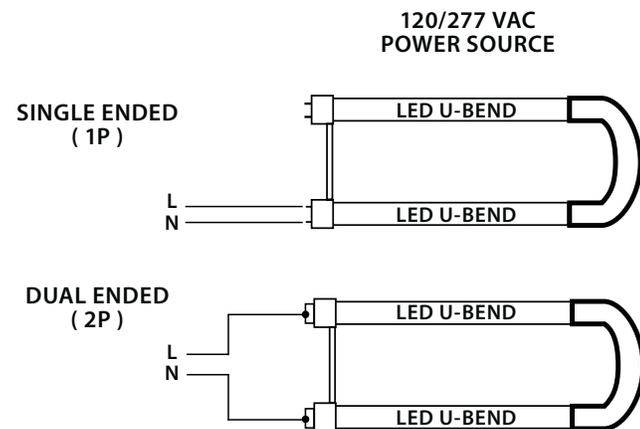
PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Leg Spacing (Inch)	Base	Beam Angle
LED-UBT8-88020-120V-ADIM-830	20	0.174	>0.90	<15%	3,000°	>80	2,000	100	6.00"	Bi-Pin	120°
LED-UBT8-88020-120V-ADIM-835	20	0.174	>0.90	<15%	3,500°	>80	2,040	102	6.00"	Bi-Pin	120°
LED-UBT8-88020-120V-ADIM-841	20	0.174	>0.90	<15%	4,100°	>80	2,060	103	6.00"	Bi-Pin	120°
LED-UBT8-88020-120V-ADIM-850	20	0.174	>0.90	<15%	5,000°	>80	2,080	104	6.00"	Bi-Pin	120°
LED-UBT8-88026-120V-ADIM-830	26	0.227	>0.90	<15%	3,000°	>80	2,600	100	6.00"	Bi-Pin	120°
LED-UBT8-88026-120V-ADIM-835	26	0.227	>0.90	<15%	3,500°	>80	2,652	102	6.00"	Bi-Pin	120°
LED-UBT8-88026-120V-ADIM-841	26	0.227	>0.90	<15%	4,100°	>80	2,678	103	6.00"	Bi-Pin	120°
LED-UBT8-88026-120V-ADIM-850	26	0.227	>0.90	<15%	5,000°	>80	2,704	104	6.00"	Bi-Pin	120°

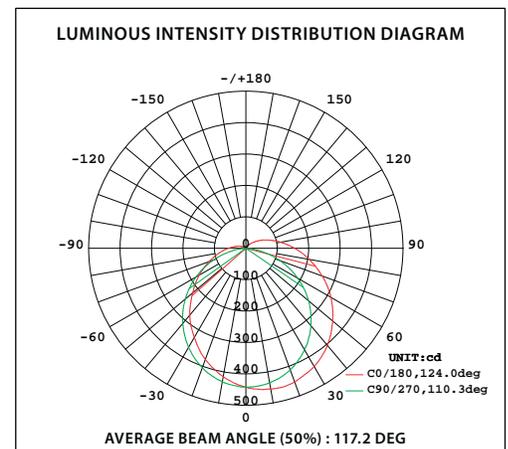
SPECIFICATIONS

- LED Driver Self-Ballasted
- Dimming System Analog/Triac
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



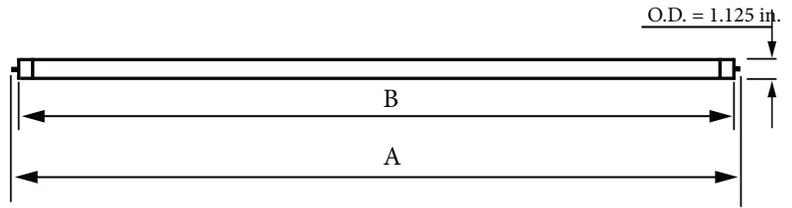
PHOTOMETRICS



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Dimensions in inches

Product Type	A(max.)	B(max.)
LED36 (22W)	33.18"	32.43"
LED48 (26W)	45.19"	44.44"
LED60 (32W)	57.20"	56.45"
LED64 (35W)	61.14"	60.39"
LED72 (40W)	69.17"	68.42"
LED84 (46W)	81.18"	80.43"
LED96 (52W)	93.18"	92.43"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect T8 Sign tubes are designed for the replacement of existing T12 fluorescent lighting systems. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- Sign Lighting
- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: SGN-LED36-DI-T8-UNV-841-R17D
 Custom options and accessories available. Please consult factory

Series	Voltage	Color Temp.	Base
SGN-LED36-DI-T8 = 36" T8 Sign Tube SGN-LED48-DI-T8 = 48" T8 Sign Tube SGN-LED60-DI-T8 = 60" T8 Sign Tube SGN-LED64-DI-T8 = 64" T8 Sign Tube SGN-LED72-DI-T8 = 72" T8 Sign Tube SGN-LED72-DI-T8 = 84" T8 Sign Tube SGN-LED72-DI-T8 = 96" T8 Sign Tube	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	R17D = Recessed Double Contact



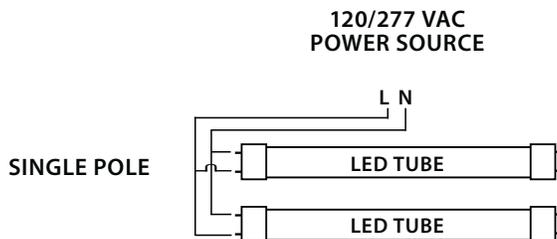
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120-277	Power Factor	THD	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
SGN-LED36-DI-T8-UNV	22	0.192-0.083	>0.90	<20%	>80	2,200	100	36"	R17D	360°
SGN-LED48-DI-T8-UNV	26	0.227-0.098	>0.90	<20%	>80	2,600	100	48"	R17D	360°
SGN-LED60-DI-T8-UNV	32	0.279-0.121	>0.90	<20%	>80	3,200	100	60"	R17D	360°
SGN-LED64-DI-T8-UNV	35	0.306-0.132	>0.90	<20%	>80	3,500	100	64"	R17D	360°
SGN-LED72-DI-T8-UNV	40	0.349-0.151	>0.90	<20%	>80	4,000	100	72"	R17D	360°
SGN-LED84-DI-T8-UNV	46	0.402-0.174	>0.90	<20%	>80	4,600	100	84"	R17D	360°
SGN-LED96-DI-T8-UNV	52	0.454-0.197	>0.90	<20%	>80	5,200	100	96"	R17D	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



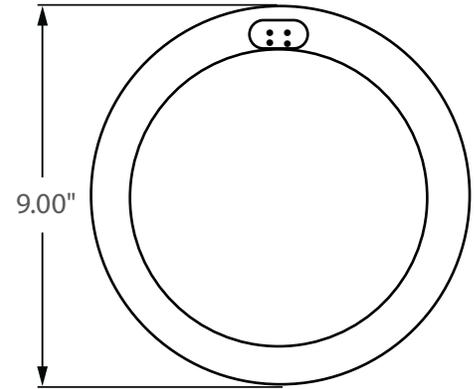
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60% Energy Savings



Incredible 50,000 hrs

GENERAL DESCRIPTION

Neptun's high performance Dimmable LED T9 Circular Lamps are designed for the replacement of existing incandescent, fluorescent, or CFL lighting systems. The LED-T9 series lamps are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T9 circular lamp system fixtures.

APPLICATION

- Hospitality Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 2700°K & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-T9-13W-120V-ADIM-827
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver System	Color Temp.
LED = LED	T9 = Circular lamp	13W = 13 Watt 18W = 18 Watt	120V = 120-277 VAC	ADIM = Analog Dimming	827 = 2700°K 850 = 5000°K



PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-T9-013W-120V-ADIM-827	13	0.113	>0.90	<15%	2,700°	>70	975	75	9"	4-Pin	120°
LED-T9-013W-120V-ADIM-850	13	0.113	>0.90	<15%	5,000°	>70	1,040	80	9"	4-Pin	120°
LED-T9-018W-120V-ADIM-827	18	0.158	>0.90	<15%	2,700°	>70	1,350	75	9"	4-Pin	120°
LED-T9-018W-120V-ADIM-850	18	0.158	>0.90	<15%	5,000°	>70	1,440	80	9"	4-Pin	120°

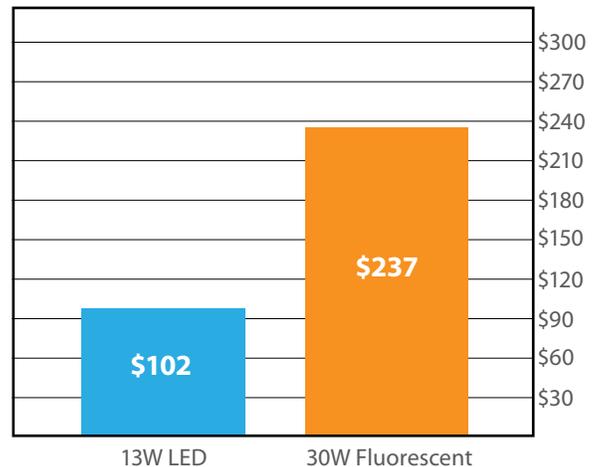
SPECIFICATIONS

- LED Driver Self-Ballasted
- Dimming System Analog/Triac
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 75
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 15%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

ENERGY SAVINGS

60% Energy Savings

Operation Costs Comparison over Life of LED Bulb

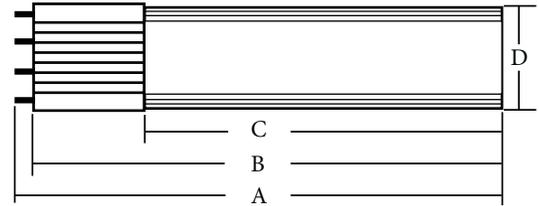


*Based on \$0.10 kw/H
*12Hrs. per Day Usage

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Spec. Rev. 4-2015



Dimensions in inches

Lamp Type	A.	B.	C.	D.
9W	8.875"	8.50"	6.50"	1.625"
12W	12.875"	12.50"	10.50"	1.625"
18W	16.50"	16.125"	14.125"	1.625"
22W	21.25"	20.875"	18.875"	1.625"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL - 2G11 tubes are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL tube system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL18-09W-215-UNV-841
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Length	Voltage	Color Temp.
LED = LED	PL18 = 18W PL Tube Replacmnt PL24 = 24W PL Tube Replacmnt PL36 = 36W PL Tube Replacmnt PL40 = 40W PL Tube Replacmnt	09W = 9 Watt 12W = 12 Watt 18W = 18 Watt 22W = 22 Watt	215 = 215mm 318 = 318mm 412 = 412mm 534 = 534mm	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K



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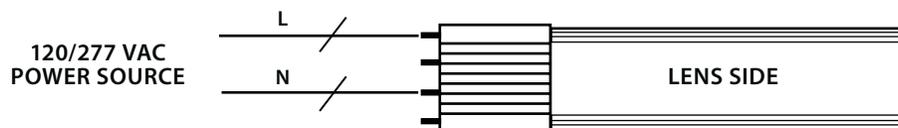
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL18-09W-215-UNV-835	9	0.078-0.034	>0.90	<20%	3,500°	>80	720	80	18W	2G11	120°
LED-PL18-09W-215-UNV-841	9	0.078-0.034	>0.90	<20%	4,100°	>80	738	82	18W	2G11	120°
LED-PL18-09W-215-UNV-850	9	0.078-0.034	>0.90	<20%	5,000°	>80	756	84	18W	2G11	120°
LED-PL24-12W-318-UNV-835	12	0.105-0.045	>0.90	<20%	3,500°	>80	960	80	24W	2G11	120°
LED-PL24-12W-318-UNV-841	12	0.105-0.045	>0.90	<20%	4,100°	>80	984	82	24W	2G11	120°
LED-PL24-12W-318-UNV-850	12	0.105-0.045	>0.90	<20%	5,000°	>80	1,008	84	24W	2G11	120°
LED-PL36-18W-412-UNV-835	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,440	80	18W	2G11	120°
LED-PL36-18W-412-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,476	82	18W	2G11	120°
LED-PL36-18W-412-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,512	84	18W	2G11	120°
LED-PL40-22W-534-UNV-835	22	0.192-0.083	>0.90	<20%	3,500°	>80	1,760	80	40W	2G11	120°
LED-PL40-22W-534-UNV-841	22	0.192-0.083	>0.90	<20%	4,100°	>80	1,804	82	40W	2G11	120°
LED-PL40-22W-534-UNV-850	22	0.192-0.083	>0.90	<20%	5,000°	>80	1,848	84	40W	2G11	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

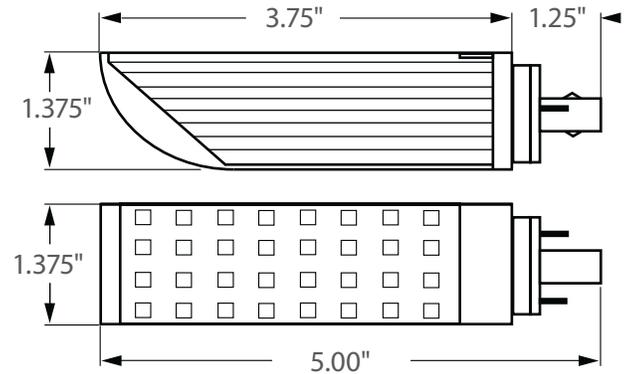
WIRING DIAGRAM (See Complete Installation Instructions)



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Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL lamp system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL005-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	005 = 5 W 007 = 7 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL005-UNV-830-G24-2	5	0.043-0.018	>0.90	<20%	3,000°	>80	400	>80	11W	G24	120°
LED-PL005-UNV-841-G24-2	5	0.043-0.018	>0.90	<20%	4,100°	>80	425	>80	11W	G24	120°
LED-PL005-UNV-850-G24-2	5	0.043-0.018	>0.90	<20%	5,000°	>80	450	>80	11W	G24	120°
LED-PL007-UNV-830-G24-2	7	0.061-0.026	>0.90	<20%	3,000°	>80	560	>80	13W	G24	120°
LED-PL007-UNV-841-G24-2	7	0.061-0.026	>0.90	<20%	4,100°	>80	580	>80	13W	G24	120°
LED-PL007-UNV-850-G24-2	7	0.061-0.026	>0.90	<20%	5,000°	>80	600	>80	13W	G24	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



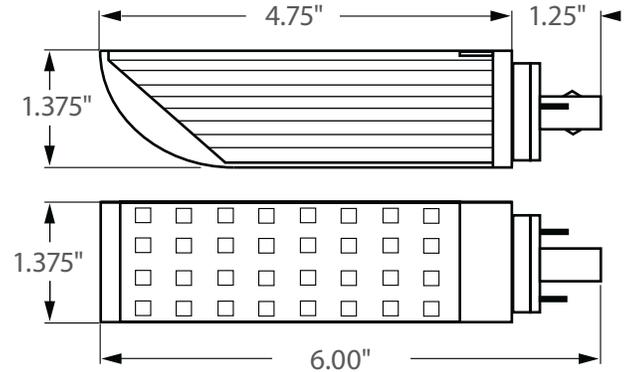
REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	11	5	4 inch	LED-PL005
CFL	13	7	4 inch	LED-PL007

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Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL lamp system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL008-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	008 = 8 W 009 = 9 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL005-UNV-830-G24-2	8	0.069-0.030	>0.90	<20%	3,000°	>80	640	>80	18W	G24	120°
LED-PL005-UNV-841-G24-2	8	0.069-0.030	>0.90	<20%	4,100°	>80	670	>80	18W	G24	120°
LED-PL005-UNV-850-G24-2	8	0.069-0.030	>0.90	<20%	5,000°	>80	700	>80	18W	G24	120°
LED-PL007-UNV-830-G24-2	9	0.078-0.034	>0.90	<20%	3,000°	>80	700	>80	18W	G24	120°
LED-PL007-UNV-841-G24-2	9	0.078-0.034	>0.90	<20%	4,100°	>80	730	>80	18W	G24	120°
LED-PL007-UNV-850-G24-2	9	0.078-0.034	>0.90	<20%	5,000°	>80	760	>80	18W	G24	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



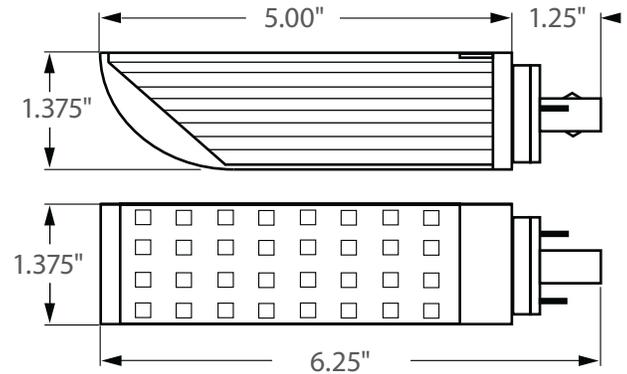
REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	18	8	6 inch	LED-PL008
CFL	18	9	6 inch	LED-PL009

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Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL lamp system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL010-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	010 = 10 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL010-UNV-830-G24-2	10	0.087-0.037	>0.90	<20%	3,000°	>80	800	>80	21W	G24	120°
LED-PL010-UNV-841-G24-2	10	0.087-0.037	>0.90	<20%	4,100°	>80	830	>80	21W	G24	120°
LED-PL010-UNV-850-G24-2	10	0.087-0.037	>0.90	<20%	5,000°	>80	860	>80	21W	G24	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



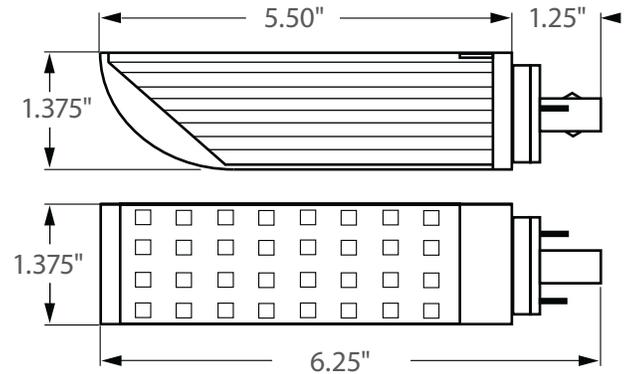
REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	21	10	7 inch	LED-PL010

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Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL lamp system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL005-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	011 = 11 W 012 = 12 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL011-UNV-830-G24-2	11	0.096-0.041	>0.90	<20%	3,000°	>80	840	>80	22W	G24	120°
LED-PL011-UNV-841-G24-2	11	0.096-0.041	>0.90	<20%	4,100°	>80	870	>80	22W	G24	120°
LED-PL011-UNV-850-G24-2	11	0.096-0.041	>0.90	<20%	5,000°	>80	900	>80	22W	G24	120°
LED-PL012-UNV-830-G24-2	12	0.105-0.045	>0.90	<20%	3,000°	>80	960	>80	22W	G24	120°
LED-PL012-UNV-841-G24-2	12	0.105-0.045	>0.90	<20%	4,100°	>80	990	>80	22W	G24	120°
LED-PL012-UNV-850-G24-2	12	0.105-0.045	>0.90	<20%	5,000°	>80	1020	>80	22W	G24	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



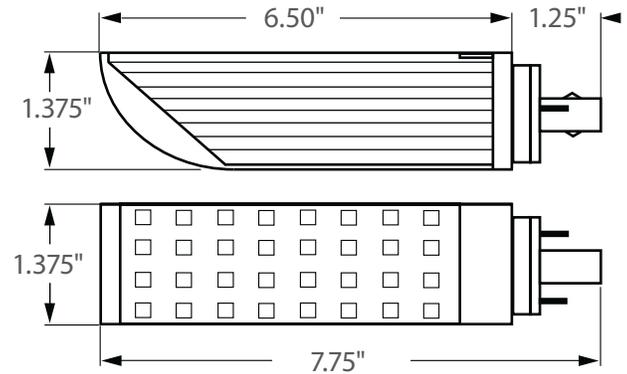
REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	22	11	7 inch	LED-PL011
CFL	22	12	7 inch	LED-PL012

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Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL lamp system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL013-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	013 = 13 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL013-UNV-830-G24-2	13	0.113-0.049	>0.90	<20%	3,000°	>80	1020	>80	23W	G24	120°
LED-PL013-UNV-841-G24-2	13	0.113-0.049	>0.90	<20%	4,100°	>80	1030	>80	23W	G24	120°
LED-PL013-UNV-850-G24-2	13	0.113-0.049	>0.90	<20%	5,000°	>80	1040	>80	23W	G24	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	26	13	8 inch	LED-PL013

Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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Spec. Rev. 4-2015



LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr, Lake Forest, IL 60045 warrants that its LED (Light Emitting Diodes) light bulbs and LED lighting systems will be free from defect in material and workmanship from the date of installation for **5 years**

This warranty is conditioned upon proper storage, installation, use and maintenance. This warranty is not applicable to any Neptun LED lighting products which are not installed and operated in accordance with the current edition of the National Electric Code (NEC), the Standards for Safety of Underwriter's Laboratories, INC (UL), the Standards of the American National Standards Institute (ANSI), and with NEPTUN's instructions and guidelines for LED bulb and LED lighting systems. This warranty is not applicable to any Neptun LED lighting products subjected to abnormal stresses and operating conditions.

NEPTUN shall correct any defects, at NEPTUN's option, by either repairing any defective part or parts or by replacing any defective part or parts or by making available a new replacement part at no charge.

The conditions of any test concerning any Neptun LED products which are claimed to have not performed to the warranty shall be mutually agreed upon in writing and NEPTUN shall be notified of, and may be represented at any such tests. This express limited warranty is extended by NEPTUN only to original or first end-user purchaser.

This warranty is valid only if registered by end-user, purchaser, upon receipt by NEPTUN of the WARRANTY REGISTRATION FORM with specific information about the LED light bulb and LED lighting system installation. Product Warranty only valid once invoice is paid in full according to terms.

NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD. The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. This warranty sets forth NEPTUN's responsibilities regarding the Neptun LED lighting systems and claimant's exclusive remedy.

LIMITATION OF LIABILITY. NEPTUN will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of Neptun LED products or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims of claimant's customers.

NEPTUN's liability or any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement or from the product or services furnished hereunder shall not exceed the price of the specific LED product which gives rise to the claim.

This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

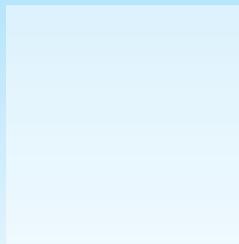
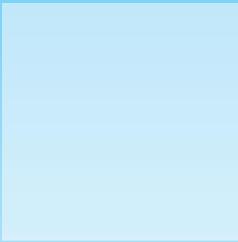
NOTE: For more information please call Customer Service at 1-888-735-8330 or email: orders@neptunlight.com

Revision Date: February, 2015



*lightinnovations@work*TM

Neptun Light is a leader in the manufacture of energy efficient retrofit products and light fixtures in the fields of LED, Induction, and Solar technology. We boast a highly diversified product portfolio of indoor and outdoor products. Additionally, our products span a wide range of commercial, industrial, government, and utility infrastructure applications. Neptun Light achieves its level of success through timely development of new technology that caters to a constantly evolving marketplace. Among Neptun Light's core values are continuous innovation, high quality products, a focus on energy conservation, and an uncompromised commitment to customer service.



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