

Ordering Information

Ordering Code	Input Voltage (VAC)	Lamp Shape	Base Type	Wattage (W)	CCT ¹	Beam Angle	Initial Lumens (lm) ²	Lamp Efficacy (lm/W)	Rated Life (hrs) ³	CBCP (cd)	CRI	Power Factor	Equivalency ⁴	Lamp Weight lb (g)
16P30L/827SP10	120	PAR30	E26	16.3	2700K	10°	780	47.9	40,000	TBD [†]	80	>0.70	TBD [†]	0.57 (257)
16P30L/827NFL23	120	PAR30	E26	16.3	2700K	23°	780	47.9	40,000	3600	80	>0.70	70W Halogen	0.57 (257)
16P30L/827FL32	120	PAR30	E26	16.3	2700K	32°	780	47.9	40,000	1650	80	>0.70	60W Halogen	0.57 (257)
16P30L/830SP10	120	PAR30	E26	16.3	3000K	10°	800	49.1	40,000	TBD [†]	80	>0.70	TBD [†]	0.57 (257)
16P30L/830NFL23	120	PAR30	E26	16.3	3000K	23°	800	49.1	40,000	3800	80	>0.70	75W Halogen	0.57 (257)
16P30L/830FL32	120	PAR30	E26	16.3	3000K	32°	800	49.1	40,000	1750	80	>0.70	65W Halogen	0.57 (257)
16P30L/840SP10	120	PAR30	E26	16.3	4000K	10°	800	49.1	40,000	TBD [†]	86	>0.70	TBD [†]	0.57 (257)
16P30L/840NFL23	120	PAR30	E26	16.3	4000K	23°	800	49.1	40,000	3800	86	>0.70	75W Halogen	0.57 (257)
16P30L/840FL32	120	PAR30	E26	16.3	4000K	32°	800	49.1	40,000	1750	86	>0.70	65W Halogen	0.57 (257)

1. CCT Range complies to ANSI C78.377-2008.

2. Thermally stable typical lumens (± 10%)

3. Rated life is based on 70% lumen maintenance, and engineering testing and probability analysis.

4. Equivalency based on the Energy Star® Integral LED Lamp Center Beam Intensity Benchmark Tool.

Note: All Information consistent with IESNA LM-80-08 results and IESNA LM-79-08 testing completed by a qualified third party facility.

Note: All lamps meet Energy Star® Integral LED Lamp requirements, and will be submitted for testing.

Note: 5 Year Warranty based on 24 hr/day usage.

5 YEAR WARRANTY

lighting facts
LEB Product Partner

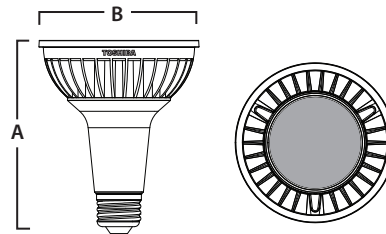
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Dimensions

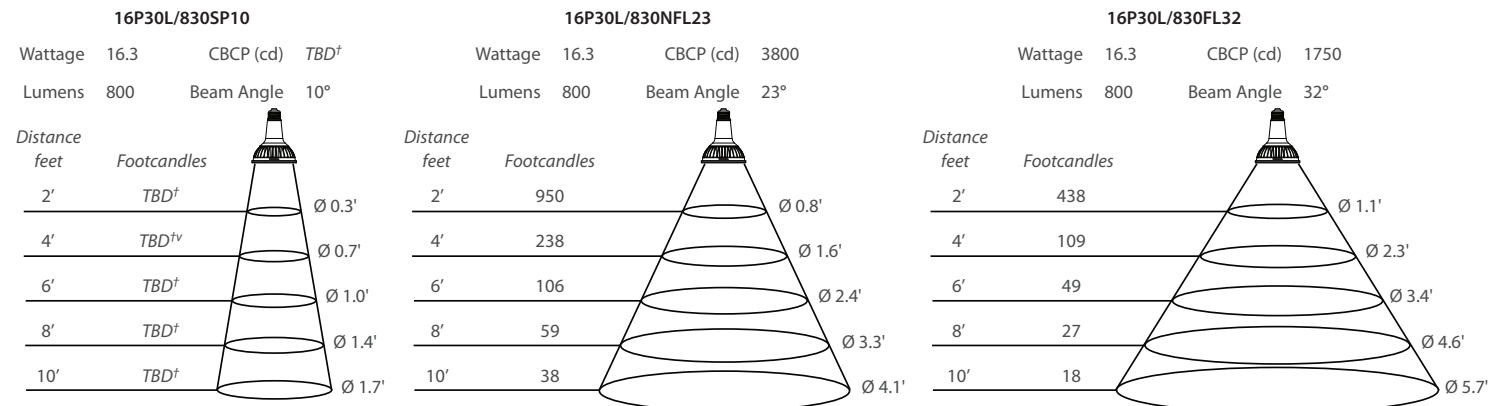
E-Core Model	MOL (A)	Diameter (B)
PAR30 Long Neck	4.52" (114.8 mm)	3.74" (95 mm)

Note: Lamp shape conforms to ANSI C78.21-2003.

Note: Designed to comply with RoHS Directive 2002/95/EC.



Illuminance Cone Diagrams



Energy Savings

	50W Halogen	60W Halogen	65W Halogen	75W Halogen
16P30S/830SP10	\$148.28	\$192.28	214.28	\$258.28
16P30S/830NFL23	\$148.28	\$192.28	214.28	\$258.28*
16P30S/830FL32	\$148.28	\$192.28	214.28*	\$258.28

*Actual Equivalent Replacement, based on the Energy Star® Integral LED Lamp Center Beam Intensity Benchmark Tool.

Note: Energy Savings based on using one bulb for 40,000 hr rated life at 11¢/kWh. Does not include maintenance and replacement lamp savings.

Ordering Guide

16	P30L	/	827	SP10
Wattage	Lamp Type		CRI + CCT	Beam Angle
16.3 Watts = 16	PAR30 LN = P30L		80 CRI + 2700K = 827	Spot 10° = SP10
			80 CRI + 3000K = 830	Narrow Flood 23° = NFL23
			86 CRI + 4000K = 840	Flood 32° = FL32

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A Program of the U.S. DOE

Light Output (Lumens) 800

Watts 16.3

Lumens per Watt (Efficacy) 49

Color Accuracy 86

Light Color 4000 (Bright White)

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-08: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: D2B8-JTQ4X

Model Number: LDRB1640MEUSDL

Type: Replacement Lamp - Directional (P30, PAR30)

Available for all color temperatures