



# LED CFL Replacement Lamps, Ballast Bypass

5 to 12 Watts – 120~277VAC – 140° Wide Beam – 3000K to 4100K White – 2 or 4-Pin Base – UL



## FEATURES

- 5 Year LEDtronics Warranty
- Direct Replacement with Fluorescent Ballast Bypass
- UL/cUL Classified: E476877
- UL/cUL Damp Listed (E476876 / WPL01XXLEDYY)
- Pivoting 2-Pin GX23, G24D or 4-Pin G24Q Universal Base for Ceiling Canister Lighting
- Energy Savings of up to 70% over CFLs
- Lumen Maintenance over 70% @ 50,000+ Hours
- No Mercury, No Lead – ROHS Compliant
- No UV, No IR / No RF Interference / Minimal Heat
- High CRI, High Lumen
- Solid-State: High Shock & High Vibration Resistant

## APPLICATIONS

- UL Listed for Damp Locations
- Ceiling Can Lights in Commercial Buildings
- Down Lights in Offices, Shops, Stores & Homes
- Wall Sconces & Lanterns
- Floodlight / Security Light
- Step Lighting
- Accent & Display Lighting
- Museum, Theater Effect Lighting

## AVAILABLE OPTIONS

- Other Color Temperatures: From 2700K Halogen White to 6700K Cool White



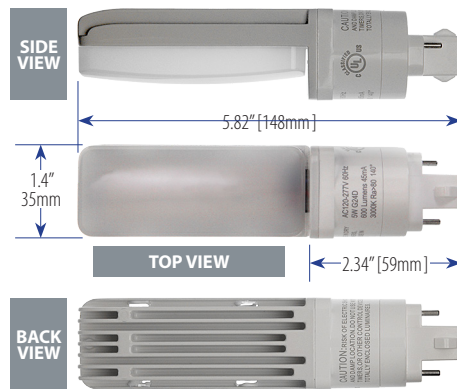
Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience

6" Can Ceiling Lighting in Right-Angled (Horizontal) Configuration



Frosted Lens

2 Pin G24D Base Pivots 180°



LEDG24DBB-05W-XIW-001AW (5 Watts)

LEDG24DBB-07W-XIW-001AW (7 Watts)

	05W	07W
Input Power	5 Watts	7 Watts
Input Voltage	120~277VAC (Tested @ 120VAC)	
Input Current	0.04A	0.06A
Total Lumens	583 lm	823 lm
Efficacy	124 lm/W	127 lm/W
Max. Candela	177 cd	245 cd
Power Factor	0.99	0.98
LED Emitted Color	Warm White	
Color Temperature	3000K	
CRI	>80	
Illumination Angle	140°	
Dimmability	Not Dimmable	
Base Style	G24D 2-Pin	
Heatsink	Die-Cast Aluminum / White	
Lens	Polycarbonate / Frosted White	
Oper. Temperature	-4°F ~ +104°F / -20°C ~ +40°C	
Dimensions	L5.82 x W1.4 in. / L148 x 35 mm	
Weight	0.25 lb / 110g	0.26 lb / 120g
UL Classification	5PL01G24DLEDYY	7PL01G24DLEDYY

**CAUTION:** Intended only for installation where the lamp is oriented horizontally, with light beaming downward.

# LEDTRONICS®

America's Premium Brand LED Company™



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**6" Can Ceiling Lighting in Right-Angled (Horizontal) Configuration**



**LEDGX23DBB-05W-XHW-001AW** (Halogen White)  
**LEDGX23DBB-05W-XIW-001AW** (Warm White)

	XHW	XIW
Input Power	5 Watts	
Input Voltage	120~277VAC (Tested @ 120VAC)	
Input Current	0.04A	
Total Lumens	582 lm	562 lm
Efficacy	116 lm/W	125 lm/W
Max. Candela	176 cd	171 cd
Power Factor	0.99	
LED Emitted Color	Halogen White	Warm White
Color Temperature	2700K	3000K
CRI	>80	
Illumination Angle	140°	
Dimmability	Not Dimmable	
Base Style	GX23D 2-Pin	
Heatsink	Die-Cast Aluminum / White	
Lens	Polycarbonate / Frosted White	
Oper. Temperature	-4°F ~+104°F / -20°C ~+40°C	
Dimensions	L6.1 x W1.4 in. / L155 x 35 mm	
Weight	0.25 lb / 110g	
UL Listing	WPL01XXLEDYY	



**LEDGX23DBB-07W-XIW-001AW** (Warm White)  
**LEDGX23DBB-07W-XNW-001AW** (Natural White)

	XIW	XNW
Input Power	7 Watts	6 Watts
Input Voltage	120~277VAC (Tested @ 120VAC)	
Input Current	0.06A	0.05A
Total Lumens	865 lm	851 lm
Efficacy	124 lm/W	133 lm/W
Max. Candela	256 cd	259 cd
Power Factor	0.99	0.98
LED Emitted Color	Warm White	Natural White
Color Temperature	3000K	4100K
CRI	>80	
Illumination Angle	140°	
Dimmability	Not Dimmable	
Base Style	GX23D 2-Pin	
Heatsink	Die-Cast Aluminum / White	
Lens	Polycarbonate / Frosted White	
Oper. Temperature	-4°F ~+104°F / -20°C ~+40°C	
Dimensions	L6.1 x W1.4 in. / L155 x 35 mm	
Weight	0.25 lb / 110g	
UL Listing	WPL01XXLEDYY	



6" Can Ceiling Lighting in Right-Angled (Horizontal) Configuration



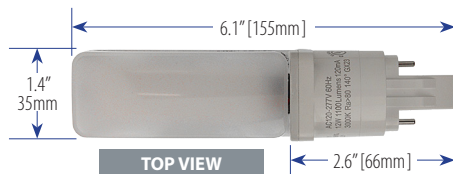
Frosted Lens

**LEDGX23DBB-12W-XIW-001AW**

- Input Power** 11 Watts
- Input Voltage** 120~277VAC (Tested @ 120VAC)
- Input Current** 0.09A
- Total Lumens** 1287 lm
- Efficacy** 120 lm/W
- Max. Candela** 394 cd
- Power Factor** 0.96
- LED Emitted Color** Warm White
- Color Temperature** 3000K
- CRI** >80
- Illumination Angle** 140°
- Dimmability** Not Dimmable
- Base Style** GX23D 2-Pin
- Heatsink** Die-Cast Aluminum / White
- Lens** Polycarbonate / Frosted White
- Oper. Temperature** -4°F ~+104°F / -20°C ~+40°C
- Dimensions** L6.1 x W1.4 in. / L155 x 35 mm
- Weight** 0.26 lb / 120g
- UL Listing** 12PL01GX23LEDXX

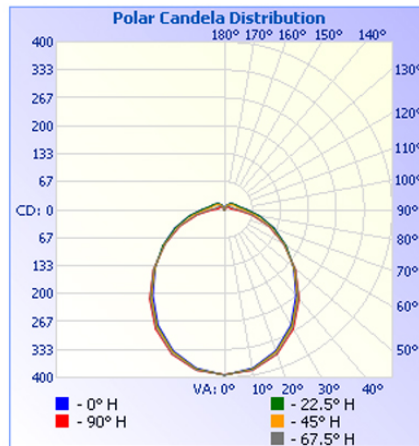


2 Pin GX23D Base Pivots 180°



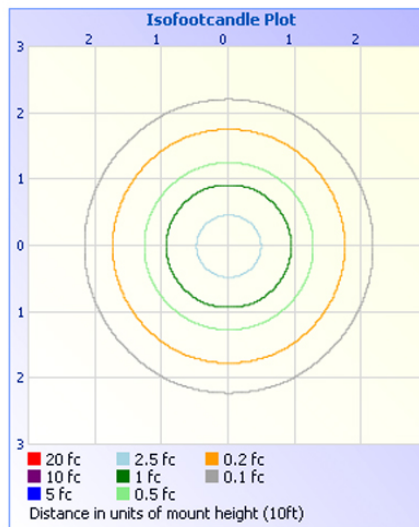
**Luminaire Photometric Report**

**Filename:** LEDGX23DBB-12W-XIW-001AW  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 10.7W, 120VAC  
**Lamp Output:** 1 lamp, rated Lumens/lamp: 1286.5  
**Max Candela:** 394.2 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 10-5-16  
**Photometry :** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Semicutoff  
**Nema Type:** 7 X 7



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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	37.0	2.9%	90-100	40.0	3.1%
10-20	105.4	8.2%	100-110	28.7	2.2%
20-30	157.4	12.2%	110-120	22.9	1.8%
30-40	185.6	14.4%	120-130	17.6	1.4%
40-50	188.8	14.7%	130-140	12.1	0.9%
50-60	171.3	13.3%	140-150	7.1	0.5%
60-70	140.6	10.9%	150-160	3.3	0.3%
70-80	102.6	8.0%	160-170	0.9	0.1%
80-90	65.2	5.1%	170-180	0.1	0%

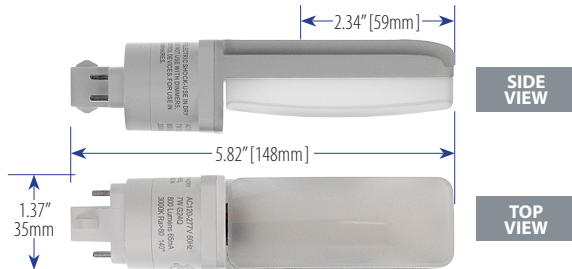


Center Beam fc	Illuminance at a Distance	
	Beam Width	Beam Width
2.0ft	98.6 fc	5.5 ft 5.5 ft
4.0ft	24.6 fc	11.0 ft 11.1 ft
6.0ft	11.0 fc	16.4 ft 16.6 ft
8.0ft	6.2 fc	21.9 ft 22.1 ft
10.0ft	3.9 fc	27.4 ft 27.6 ft

Vert. Spread: 107.8° Horiz. Spread: 108.2°



## 6" Can Ceiling Lighting in Right-Angled (Horizontal) Configuration



### LEDG24QBB-07W-XIW-001AW

Input Power	7 Watts
Input Voltage	120~277VAC (Tested @ 120VAC)
Input Current	0.06A
Total Lumens	855 lm
Efficacy	126 lm/W
Max. Candela	252 cd
Power Factor	0.99
LED Emitted Color	Warm White
Color Temperature	3000K
CRI	>80
Illumination Angle	140°
Dimmability	Not Dimmable
Base Style	G24Q 4-Pin
Heatsink	Die-Cast Aluminum / White
Lens	Polycarbonate / Frosted White
Oper. Temperature	-4°F ~+104°F / -20°C ~+40°C
Dimensions	L5.82 x W1.4 in. / L148 x 35 mm
Weight	0.25 lb / 110g
UL Classification	7PL01G24QLEDYY

**CAUTION:** Intended only for installation where the lamp is oriented horizontally, with light beaming downward.

### Luminaire Photometric Report

**Filename:** LEDG24QBB-07W-XIW-001AW  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 6.8W, 120VAC  
**Lamp Output:** 1 lamp, rated Lumens/lamp: 854.6  
**Max Candela:** 251.5 at Horizontal: 45°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 10-19-16  
**Photometry:** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Noncutoff  
**Nema Type:** 7 X 7

#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	23.8	2.8%	90-100	28.7	3.4%
10-20	68.0	8.0%	100-110	20.0	2.3%
20-30	102.2	12.0%	110-120	15.6	1.8%
30-40	121.4	14.2%	120-130	11.9	1.4%
40-50	124.0	14.5%	130-140	8.3	1%
50-60	113.3	13.3%	140-150	5.2	0.6%
60-70	93.9	11.0%	150-160	2.5	0.3%
70-80	69.6	8.1%	160-170	0.6	0.1%
80-90	45.6	5.3%	170-180	0	0%

