

Project:	
Type:	
Catalog #:	

STANDARD



FEATURES

- Available in 3500k (warm/neutral white), 4000k (neutral white) & 5000k (cool white) color temperatures.*
- Long-life LEDs provide at least 144,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Provides 5,274 to 7,442 luminaire lumens, and 131 to 135 lumens per watt.*
- Uniform illumination with no visible LED pixilation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Aluminum frame and steel housing backplate.
- PMMA (polymethyl methacrylate) LED lenses for optimal light distribution, efficiency and longevity.
- Easy installation in new construction or retrofit.
- Standard earthquake clips provide secure installation in grid ceilings.
- Standard mounting options include recessed mounting in grid ceilings, or suspended mounting using attached hanging brackets. For mounting in plaster or other hard ceiling, see Mounting Kits.

* Contact factory for other color temperatures and lumen packages.

** L_{70} hours are IES TM-21-11 calculated hours.



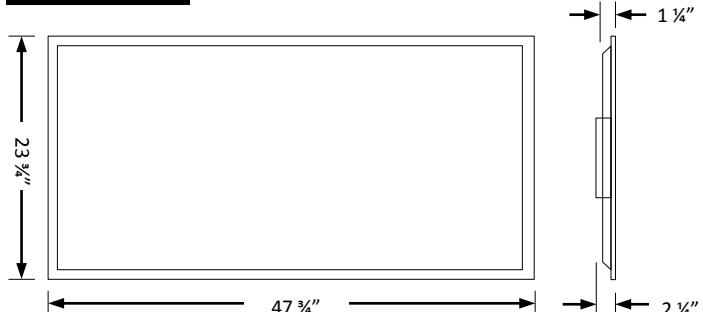
WARRANTY & LISTINGS

- cULus for damp locations and insulated ceilings (Type IC-rated). Suitable for ambient temperatures from -20°C to 40°C (-4°F to 104°F).
- DLC premium approved.
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-5, surge immunity protection (1kV).
- 5-year warranty of all electronics and housing.

MOUNTING KITS

- Optional Surface Mount Kits (LEDSMKT-24) and Flange Mounting Kits (FLANGEKIT24-ET) provide for installation on plaster or other hard ceilings.
- Optional Cable Mounting Kits (LEDPNL-CMK) provide additional security, as well as suspended mounting.

DIMENSIONS



Weight: 9 lbs.

ORDERING INFORMATION

Series	Nominal Lumens		Color Temperature		DLC		Options (Order Separately)	
	5L	5,000 lm	35K	3500K	P	PREMIUM	LEDSMKT-24	Surface Mounting Kit (2x4), Back-Lit Panels
BLP24	7L	7,000 lm	4K	4000k			FLANGEKIT24-ET	Flange Mounting Kit (2x4)
			5K	5000k			LEDPNL-CMK	Cable Mounting Kit, Quantity 6, 1 meter long, 1/16" diameter, with spring clips & adjustable, locking ceiling attachment

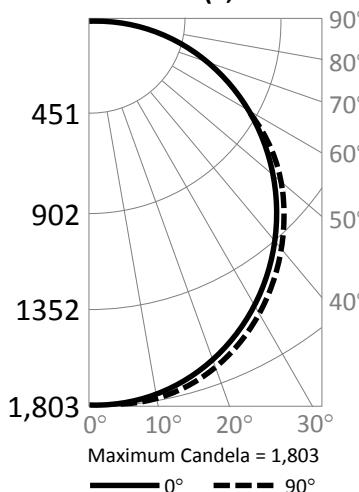
ELECTRICAL DATA

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
BLP24-5L-35K-P	3500K	> 80	5,274	40	131	120-277	0.33	0.17	0.14	> 90%	< 20%	144,000
BLP24-5L-4K-P	4000K	> 80	5,330	40	132	120-277	0.33	0.17	0.14	> 90%	< 20%	144,000
BLP24-5L-5K-P	5000K	> 80	5,385	40	134	120-277	0.33	0.17	0.14	> 90%	< 20%	144,000
BLP24-7L-35K-P	3500K	> 80	7,217	55	131	120-277	0.46	0.23	0.20	> 90%	< 20%	144,000
BLP24-7L-4K-P	4000K	> 80	7,330	55	133	120-277	0.46	0.23	0.20	> 90%	< 20%	144,000
BLP24-7L-5K-P	5000K	> 80	7,442	55	135	120-277	0.46	0.23	0.20	> 90%	< 20%	144,000

¹ Color rendering index.² All 50-60Hz.³ Total harmonic distortion.⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

BLP24-5L-5K-P (5,385 Lumens)



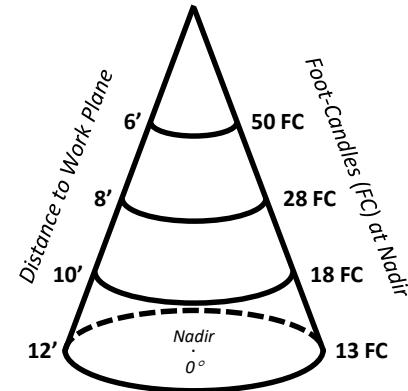
Candlepower Summary

	0°	90°
0°	1,803	1,803
10°	1,777	1,777
20°	1,693	1,702
30°	1,551	1,572
40°	1,354	1,380
50°	1,108	1,133
60°	825	846
70°	523	528
80°	233	234
90°	5	1
0° - 180°	5,385	100.0%

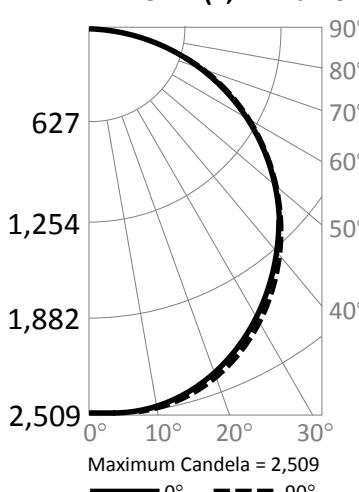
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	171	3.2%
0° - 20°	663	12.3%
0° - 30°	1,417	26.3%
0° - 40°	2,336	43.4%
0° - 50°	3,298	61.2%
0° - 60°	4,176	77.6%
0° - 70°	4,852	90.1%
0° - 80°	5,254	97.6%
0° - 90°	5,379	99.9%
0° - 180°	5,385	100.0%

Cone of Light



BLP24-7L-5K-P (7,442 Lumens)



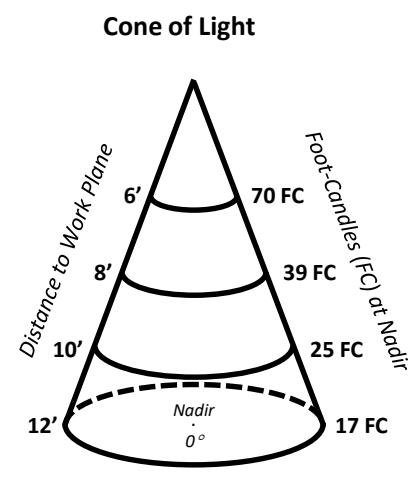
Candlepower Summary

	0°	90°
0°	2,509	2,509
10°	2,474	2,470
20°	2,356	2,364
30°	2,157	2,181
40°	1,884	1,913
50°	1,542	1,571
60°	1,148	1,169
70°	719	726
80°	311	316
90°	6	1
0° - 180°	7,442	100.0%

Zonal Lumen Summary

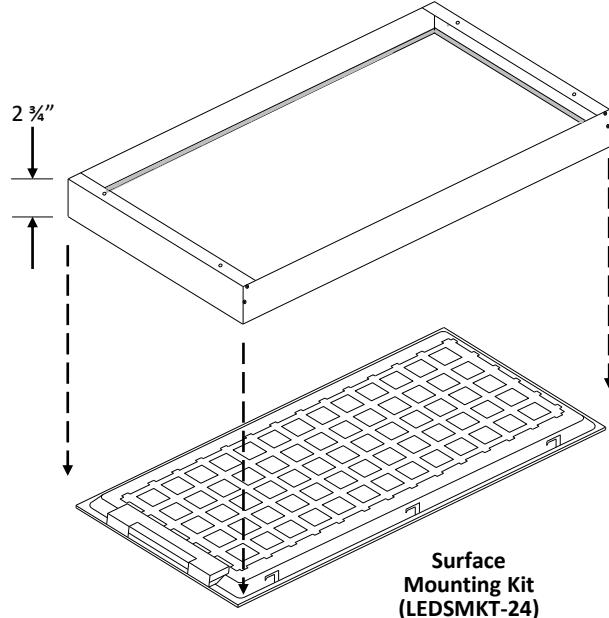
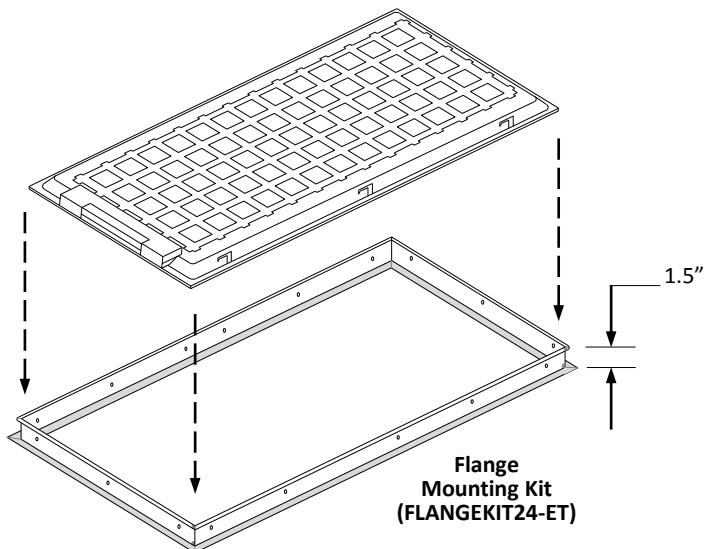
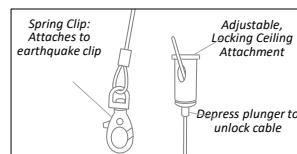
Zone	Lumens	% Fixture
0° - 10°	237	3.2%
0° - 20°	922	12.4%
0° - 30°	1,968	26.4%
0° - 40°	3,244	43.6%
0° - 50°	4,578	61.5%
0° - 60°	5,793	77.8%
0° - 70°	6,725	90.4%
0° - 80°	7,270	97.7%
0° - 90°	7,433	99.9%
0° - 180°	7,442	100.0%

Cone of Light



OPTIONS

- Optional surface mounting kits (LEDSMKT-24) mounts below the ceiling.
- Optional flange mounting kits provide for recessed installation on plaster or other hard ceilings. Attach Flange Mount Kit (FLANGEKIT24-ET) to ceiling joists or other stationary structures, and the panel is mounted flush to the ceiling.
- Optional cable mounting kits provide additional security, as well as suspended mounting. Attach one end of the Cable Mount Kit (LEDPNL-CMK) to luminaire earthquake clips using spring clips, and attach the other end to stationary structures using the adjustable, locking ceiling attachment (see picture below right).


**Cable
Mounting Kit
(LEDPNL-CMK)**

Cable Mount Kit:

- Spring Clip
- Adjustable, locking ceiling attachment