

PROJECT
TYPE
CATALOG #

10-BPX6W4L4-40-8SCCT

48"X4" RECESSED BACK-LIT LED PANEL LUMEN & KELVIN FIELD SELECTABLE

HOUSING

- White powder-coated steel housing.

ELECTRICAL

- Universal 120-277V AC voltage (50-60Hz).
- 0-10VDC dimming driver.
- Input transient surge protection = 1kV.
- Power Factor > 0.9.
- Total Harmonic Distortion < 20%.

OPTICAL SYSTEM

- Efficacy 140 Lumens per Watt.
- Field selectable 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K color temperatures.*
- Selectable output delivers from 2,536 to 5,125 nominal lumens, with 3 settings.*
- Long-life LEDs provide 175,000 hours of operation with at least 70% of initial lumen output (L70), and 54,000 hours with at least 90% of initial lumen output (L90).**
- LED color maintenance < -0.0006 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Beam Angle 110°.
- Plastic lens.
- Color rendering index > 80.

MOUNTING

- Recessed mounting (T-grid) is standard.

CODE COMPLIANCE

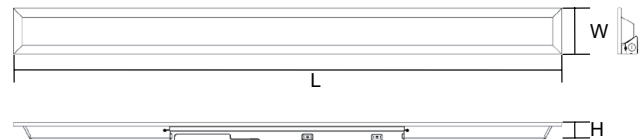
- cETLus listed for damp locations.
- Complies with FCC Part 15, Class A.

WARRANTY

- 5-year warranty on all electronics and housing.

* Factory set to 4000K CCT & highest lumen output. **L70 & L90 hours are IES TM-21-11 calculated hours.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions of 25-degrees C



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
10-BPX6W4L4-40-8SCCT	47.73	4.02	1.74	2.76



PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN TEMPERATURE (SELECTABLE)
10-BPX6W4L4-40-8SCCT	2,500/3750/5000 Lumens	2700K / 3000K / 3500K / 4000K / 5000K / 6500K



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COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number	Style	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	Toggle	10%-100%	600W
Best Lighting	DWS-010V-D	Decora	10%-100%	600W
Best Lighting	GPDMLV-02-3	Toggle	10%-100%	600W
Best Lighting	GPDMLV-12-3	Decora	10%-100%	600W
Leviton	IP710-LFZ	Toggle	10%-100%	1200W
Lutron	DVSTV	Decora	10%-100%	450W

LUMEN TABLES & ELECTRICAL DATA

Series	Measure-ments		40W						30W					
			2700K	3000K	3500K	4000K	5000K	6500K	2700K	3000K	3500K	4000K	5000K	6500K
10-BPX6W4L4-40-8SCCT	Lumens		5,008	4,874	4,930	4,986	5,068	5,125	3,742	3,778	3,816	3,891	3,922	3,969
	Watts		39.2	38.9	38.9	39.0	39.0	39.1	29.0	29.0	29.0	29.2	29.2	29.2
	Efficacy		128	125	127	128	130	131	129	130	131	133	135	136
	Input Current (A)	120V	0.33	0.32	0.32	0.32	0.33	0.33	0.24	0.24	0.24	0.24	0.24	0.24
		240V	0.16	0.16	0.16	0.16	0.16	0.16	0.12	0.12	0.12	0.12	0.12	0.12
		277V	0.14	0.14	0.14	0.14	0.14	0.14	0.10	0.10	0.10	0.11	0.11	0.11

Series	Measure-ments		20W					
			2700K	3000K	3500K	4000K	5000K	6500K
10-BPX6W4L4-40-8SCCT	Lumens		2,536	2,559	2,584	2,620	2,652	2,683
	Watts		19.1	19.1	19.1	19.1	19.1	19.1
	Efficacy		133	134	136	137	139	140
	Input Current (A)	120V	0.16	0.16	0.16	0.16	0.16	0.16
		240V	0.08	0.08	0.08	0.08	0.08	0.08
		277V	0.07	0.07	0.07	0.07	0.07	0.07

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PHOTOMETRIC DATA

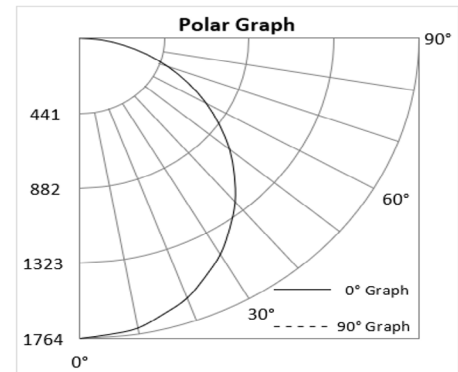
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Luminaire Data

Description	Back Lit Panel 48" x 4"
	Lumen and Kelvin Select
Total Lumens	4,986
Input Wattage	39
Efficacy (lm/W)	128
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.26

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	643	12.9%
0-30°	1,364	27.3%
0-40°	2,226	44.6%
20-50°	2,470	49.5%
40-70°	2,291	46.0%
0-60°	3,909	78.4%
0-80°	4,877	97.8%
0-90°	4,986	100.0%
90-180°	0	0.0%
0-180°	4,986	100.0%



DIMENSIONAL DRAWINGS

