

Catalog Number:	Project Name:	Note:	Date:	Type:
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**DESCRIPTION**

Portor's BLP3 series produce industry-leading performance with deep energy savings and continuous dimming. The compact, slick profile produces uniform and glare free lumen output.

Perfect application for retail stores, schools, offices, markets and restaurant.



**CONSTRUCTION**

Durable solid frame, prefabricated paint with matte white finished. Slim profile design. Integrated T-Bar mounting clips built in onto the fixture. Easy installation.

**ELECTRICAL**

Luminaire is built with the highest quality driver that is Universal Voltage (120V-277V), uses long lasting, highly-efficient LED packages.

**DRIVER**

Driver is fixed on the back of the panel or side to prevent mis-handling during shipment.

**OPTICAL SYSTEM**

Back-lit optics produces uniform light output, diffuser lens reduces glare and improve overall energy efficiency.

**DIMMING**

Continuous dimming (0-10V) comes standard.

**ENERGY SAVINGS**

Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

**LISTING**

ETL Listed, FCC, RoHS, DLC Listed

**WARRANTY**

5 Years Limited Warranty, Rated for 50,000 hours

WATTAGE	DELIVERED LUMENS	EFFICACY
30W	3630	121 lm/W
40W	4680	117 lm/W
50W	5550	111 lm/W

*Based on 3500K, 80 CRI. Actual lumens may vary.*

**TECHNICAL SPECIFICATION**

CCT	3500K/4000K/5000K
CRI	80+
DIMMABLE	0-10V dimming
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤20%
DRIVER EFFICIENCY	>85%
RATING	Suitable for damp locations
WARRANTY	5 year limited



ORDERING SAMPLE:  -  -

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Series	Size	CCT/Wattage	Accessories/Options	
<b>PT-BLP3</b> LED Back-Lit Flat Panel with CCT and Wattage Selector Series	<b>24</b> - (2' x 4')	<b>3CP</b> (CCT: 3500K/4000K/5000K) (Wattage: 30W/40W/50W)	EM Battery	Other
			___ Blank PT-EMG-8W PT-EMG-15W	___ Blank SMK-BLP1-24

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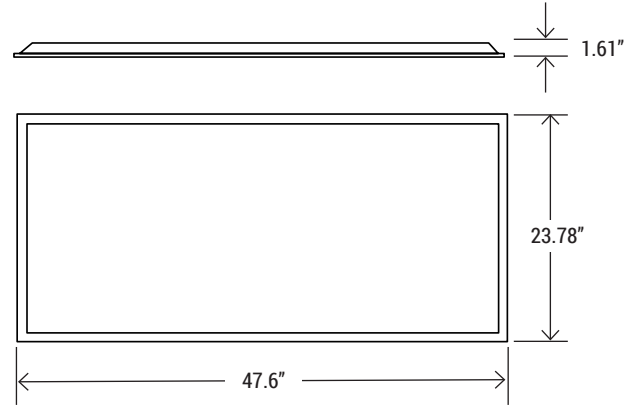


Front



Back

**DIMENSION**



Maintenance-free optical module sealed for life; no internal cleaning required.

**EM BATTERY OPTION**



PT-EMG-8W / PT-EMG-15W  
Low Voltage EM Battery

**OTHER**



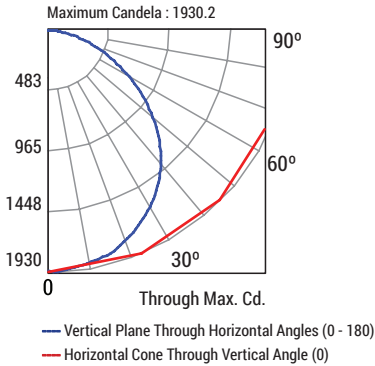
SMK-BLP1-24  
Surface mount kit for the 2x4 panel



CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-BLP3-24-3CP	30W	3840	111 lm/W	PFZX61VN	STANDARD
	40W	5012			
	50W	6148			

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<b>PT-BLP3-24-3CP</b>	<b>Wattage: 50W</b>	<b>Delivered lumens: 5565</b>	<b>Efficacy: 109 lm/W</b>	<b>CCT: 3500K</b>	<b>CRI: 80</b>
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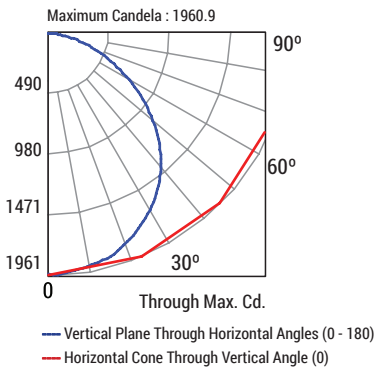


pfc	Coefficients of Utilization											
	20%											
	80%				70%				50%			
pcc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	
1	109	104	99	95	106	101	98	94	97	94	91	
2	99	90	83	78	96	88	82	77	85	79	75	
3	90	79	71	64	87	78	70	64	75	68	63	
4	82	70	61	54	80	69	60	54	66	59	53	
5	76	63	53	47	73	61	53	46	59	52	46	
6	70	56	47	41	68	55	47	41	53	46	40	
7	65	51	42	36	63	50	42	36	49	41	36	
8	60	46	38	32	59	46	38	32	44	37	32	
9	56	43	34	29	55	42	34	29	41	34	29	
10	53	39	31	26	51	39	31	26	38	31	26	

CP Summary		
	0°	90°
0°	1930.2	1930.2
5°	1923.6	1919.5
15°	1858.7	1849.1
25°	1732.0	1709.4
35°	1709.4	1510.3
45°	1305.8	1265.7
55°	1027.4	976.4
65°	712.4	663.2
75°	383.6	341.9
85°	96.0	70.8
90°	0.0	0.0

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	706.55	12.70	12.70
0° - 30°	1501.7	27.00	27.00
0° - 40°	2462.14	44.20	44.20
0° - 60°	4363.78	78.40	78.40
0° - 80°	5450.48	97.90	97.90
0° - 90°	5562.2	99.90	99.90

<b>PT-BLP3-24-3CP</b>	<b>Wattage: 50W</b>	<b>Delivered lumens: 5655</b>	<b>Efficacy: 112 lm/W</b>	<b>CCT: 5000K</b>	<b>CRI: 80</b>
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pfc	Coefficients of Utilization											
	20%											
	80%				70%				50%			
pcc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	
1	109	104	99	95	106	101	97	94	97	94	91	
2	99	90	83	78	96	88	82	77	85	79	75	
3	90	79	71	64	87	78	70	64	75	68	63	
4	82	70	61	54	80	69	60	54	66	59	53	
5	76	63	53	47	73	61	53	46	59	52	46	
6	70	56	47	41	68	55	47	41	53	46	40	
7	65	51	42	36	63	50	42	36	49	41	36	
8	60	46	38	32	59	46	38	32	44	37	32	
9	56	43	34	29	55	42	34	29	41	34	29	
10	53	39	31	26	51	39	31	26	38	31	26	

CP Summary		
	0°	90°
0°	1960.9	1960.9
5°	1950.3	1950.3
15°	1886.6	1874.8
25°	1757.9	1735.3
35°	1570.7	1533.4
45°	1326.8	1284.4
55°	1044.7	992.0
65°	724.7	672.8
75°	390.7	374.1
85°	98.3	73.0
90°	0.0	0.0

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	717.54	12.70	12.70
0° - 30°	1525.14	27.00	27.00
0° - 40°	2500.63	44.20	44.20
0° - 60°	4432.02	78.40	78.40
0° - 80°	5536.30	97.90	97.90
0° - 90°	5650.57	99.90	99.90