

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

Portor's BLP2 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-27V), 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 (0/1-10V) comes standard.

ENERGY SAVINGS

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

LISTING

ETL Listed, RoHS, DLC Premium Listed

WARRANTY

5 Years Limited Warranty, Rated for 50,000 hours (See Warranty documentation for details).

WATTAGE	DELIVERED LUMENS	EFFICACY
30W	3840	125 lm/W
40W	5012	125 lm/W
50W	6148	125 lm/W

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

TECHNICAL SPECIFICATION

CCT	3500K/4000K/5000K
CRI	82
DIMMABLE	0/1-10V dimming
BEAM ANGLE	120°
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.93
THD	≤13.2%
WORKING TEMPERATURE	-4°F ~ 113°F
IP RATING	IP20
WARRANTY	5 year limited



ORDERING SAMPLE: - - - - -

Series	Wattage	CCT	Accessories/Options		
			EM Battery	Sensor	Other
PT-BLP2-24-3CP LED Back-Lit Flat Panel with CCT and Wattage Selector Series	30W/40W/50W	3CCT	EM Battery	Sensor	Other
	30W	35K (3500K)	___ Blank	___ Blank	___ Blank
	40W	40K (4000K)	EM (EM Battery)	MS (Motion Sensor)	SMK-BLP1-24
	50W	50K (5000K)			

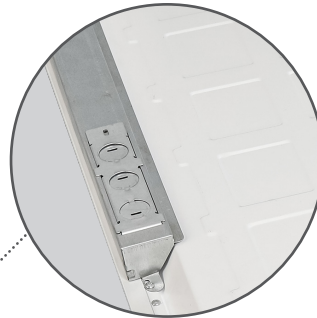
Catalog Number:	Project Name:	Note:	Date:	Type:
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Front



Back

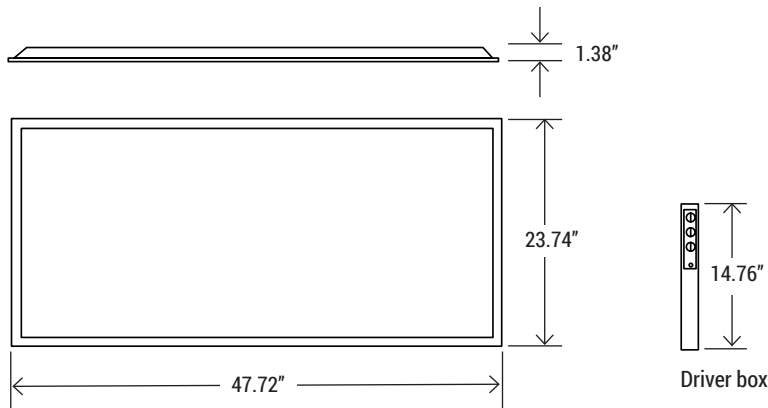


DRIVER

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

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

DIMENSION



EM BATTERY OPTION



EM1-15W / EM1-30W
LED Emergency Driver

OTHER



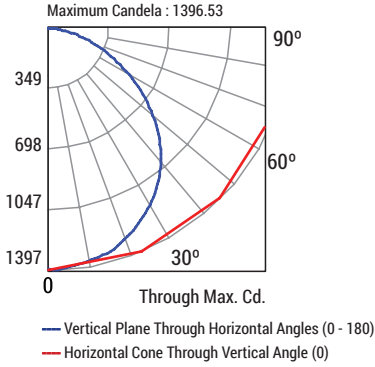
SMK-BLP1-24
Surface mount kit for the 2x4 panel

DLC LISTING

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-BLP2-24-3CP	30W	3840	125 lm/W	PHLATIVZ	
	40W	5012			
	50W	6148			

Catalog Number:	Project Name:	Note:	Date:	Type:
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PT-BLP2-24-3CP	Wattage: 30W	Delivered lumens: 4040	Efficacy: 135 lm/W	CCT: 3500K	CRI: 80
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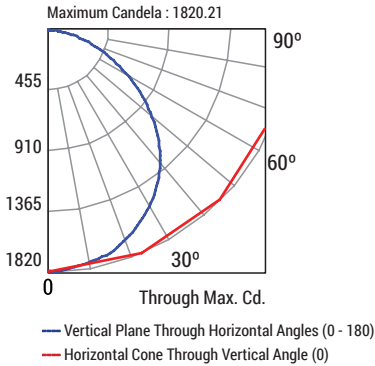


RCR	Coefficients of Utilization													
	20%													
	80%			70%			50%			30%				
p/c														
p/c														
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111	111
1	109	104	100	96	106	102	98	94	97	94	91	97	94	91
2	99	90	83	78	96	88	82	77	85	80	75	85	80	75
3	90	79	71	64	87	78	70	64	75	68	63	75	68	63
4	82	70	61	54	80	69	60	54	66	59	53	66	59	53
5	76	63	53	47	73	61	53	46	59	52	46	59	52	46
6	70	56	47	41	68	55	47	41	53	46	40	53	46	40
7	65	51	42	36	63	50	42	36	49	41	36	49	41	36
8	60	46	38	32	59	46	38	32	44	37	32	44	37	32
9	56	43	34	29	55	42	34	29	41	34	29	41	34	29
10	53	39	31	26	51	39	31	26	38	31	26	38	31	26

CP Summary		
	0°	90°
0°	1396.53	1396.53
5°	1384.88	1391.78
15°	1338.39	1348.15
25°	1246.65	1260.34
35°	1112.61	1130.06
45°	940.28	961.08
55°	735.25	758.30
65°	507.37	530.42
75°	276.09	295.46
85°	0.0	81.67
90°	0.0	3.43

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	510.22	12.60	12.60
0° - 30°	1086.09	26.90	26.90
0° - 40°	1784.24	44.20	44.20
0° - 60°	3173.25	78.50	78.50
0° - 80°	3976.06	98.40	98.40
0° - 90°	4041.16	100.00	100.00

PT-BLP2-24-3CP	Wattage: 40W	Delivered lumens: 5263	Efficacy: 132 lm/W	CCT: 3500K	CRI: 80
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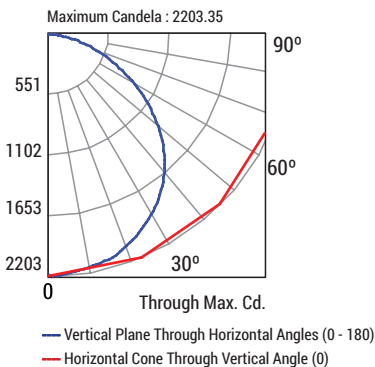


RCR	Coefficients of Utilization													
	20%													
	80%			70%			50%			30%				
p/c														
p/c														
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111	111
1	109	104	100	96	106	102	98	94	97	94	91	97	94	91
2	99	90	83	78	96	88	82	77	85	80	75	85	80	75
3	90	79	71	64	87	78	70	64	75	68	63	75	68	63
4	82	70	61	54	80	69	60	54	66	59	53	66	59	53
5	76	63	53	47	73	61	53	46	59	52	46	59	52	46
6	70	56	47	41	68	55	47	41	53	46	40	53	46	40
7	65	51	42	36	63	50	42	36	49	41	36	49	41	36
8	60	46	38	32	59	46	38	32	44	37	32	44	37	32
9	56	43	34	29	55	42	34	29	41	34	29	41	34	29
10	53	39	31	26	51	39	31	26	38	31	26	38	31	26

CP Summary		
	0°	90°
0°	1820.21	1820.21
5°	1803.44	1814.18
15°	1739.55	1757.52
25°	1616.82	1643.04
35°	1439.31	1473.62
45°	1212.16	1253.08
55°	942.82	989.13
65°	644.79	692.28
75°	337.22	385.26
85°	0.0	106.80
90°	0.0	14.48

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	665.05	12.60	12.60
0° - 30°	1415.65	26.90	26.90
0° - 40°	2325.62	44.20	44.20
0° - 60°	4135.98	78.60	78.60
0° - 80°	5180.91	98.40	98.40
0° - 90°	5264.30	100.00	100.00

PT-BLP2-24-3CP	Wattage: 50W	Delivered lumens: 6372	Efficacy: 128 lm/W	CCT: 3500K	CRI: 80
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RCR	Coefficients of Utilization													
	20%													
	80%			70%			50%			30%				
p/c														
p/c														
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111	111
1	109	104	100	96	106	102	98	94	97	94	91	97	94	91
2	99	90	83	78	96	88	82	77	85	80	75	85	80	75
3	90	79	71	64	87	78	70	64	75	68	63	75	68	63
4	82	70	61	54	80	69	60	54	66	59	53	66	59	53
5	76	63	53	47	73	61	53	46	59	52	46	59	52	46
6	70	56	47	41	68	55	47	41	53	46	40	53	46	40
7	65	51	42	36	63	50	42	36	49	41	36	49	41	36
8	60	46	38	32	59	46	38	32	44	37	32	44	37	32
9	56	43	34	29	55	42	34	29	41	34	29	41	34	29
10	53	39	31	26	51	39	31	26	38	31	26	38	31	26

CP Summary		
	0°	90°
0°	2203.35	2203.35
5°	2184.82	2195.79
15°	2111.00	2127.10
25°	1965.88	1988.54
35°	1754.12	1783.02
45°	1481.93	1516.08
55°	1158.38	1196.37
65°	799.04	836.70
75°	434.53	465.38
85°	0.0	128.51
90°	0.0	5.36

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	804.98	12.60	12.60
0° - 30°	1703.51	26.90	26.90
0° - 40°	2814.88	44.20	44.20
0° - 60°	5005.79	78.50	78.50
0° - 80°	6271.66	98.40	98.40
0° - 90°	6374.41	100.00	100.00