

BLP

Back-lit Flat Panel Luminaire

The revolutionary flat panel series boasts of its cutting-edge multi-watt and multi-eel features. With the field adjustable multi-watt and multi-color dip switch on the driver, you can customize the wattage and color temperature to meet your project's specific requirements. This ultra-thin fixture comes with a backlit frame that enhances aesthetics and provides even light distribution. You can choose from 1 x 4, 2 x 2, and 2 x 4 sizes to suit your needs.

FEATURES

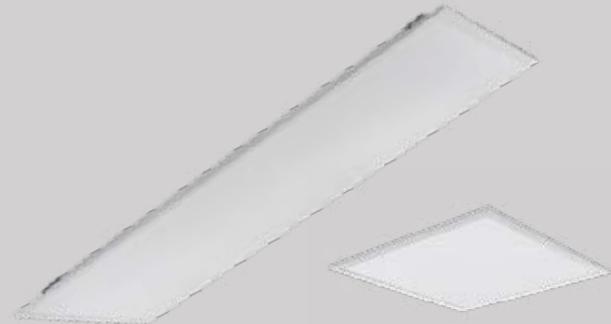
- No LGP, Never yellowing.
- High efficacy up to 125lm/w,
- 5 year limited warranty.

Lifetime: 100,000 Hours

PERFORMANCE DATA

Product ID	Size	Wattage	Lumens	CCT	Efficacy	Angle	Voltage/ Dim
BLP-GEN2-14MW40	1' x 4'	20, 25, 30, 35, 40W (selectable)	2500 - 5000	3000K, 3500K, 4000K, 5000K, 6500K (selectable)	125	100°	120 - 277V 0-10V
BLP-GEN2-22MW40	2' x 2'	20, 25, 30, 35, 40W (selectable)	2500 - 5000				
BLP-GEN2-24MW72	2' x 4'	18, 30, 40, 50, 72W (selectable)	2250 - 9000				
BLP-GEN2-24MW45		18, 26, 33, 39, 45W (selectable)	2600 - 6300		140		

Client:	
Order#:	
Project:	
Type:	



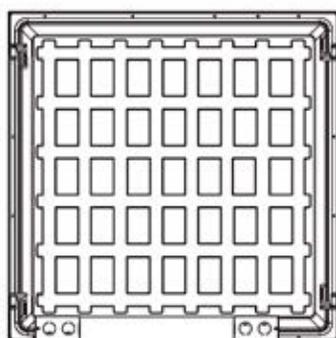
ORDERING INFORMATION

BLP / GEN2 / SIZE / WATTAGE / OPTIONS / WARRANTY
SERIES PHASE SIZE WATTAGE OPTIONS WARRANTY

FIXTURE SERIES	
BLP	Back-Lit Flat Panel Luminaire
PHASE	
GEN2	Generation II: Multi-Watt & Multi CCT
SIZE	
14	1' x 4'
22	2' x 2'
24	2' x 4'
WATTAGE	
14MW40	20, 25, 30, 35, 40W (selectable)
22MW40	20, 25, 30, 40W (selectable)
MW72	18, 30, 40, 50, 72W (selectable)
MW45	18, 26, 33, 39, 45W (selectable)

OPTIONS	
-	None
EM	Emergency Backup
WARRANTY	
5	5 Year Warranty (included)
10	10 Year Warranty

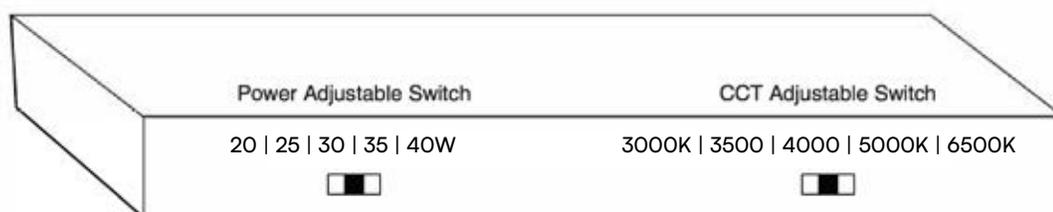
Dimensions



	L	W	H
2 x 4	47.7"	23.7"	1.61"
1 x 4	47.7"	11.9"	1.61"
2 x 2	23.7"	23.7"	1.61"

Power & CCT Adjustable.

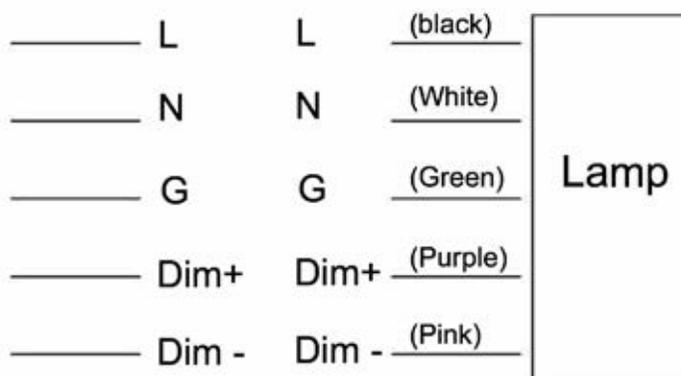
1' x 4'



Notes:

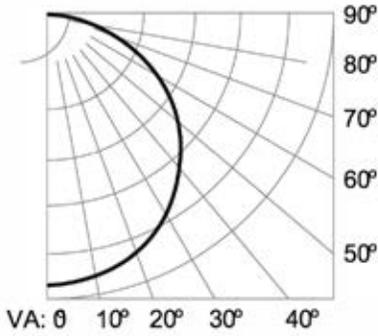
Before wiring the fixture with the power supply on, turn off the electrical power at fuse box or circuit breaker (CB) box. Check for the input and output rating on the fixture label and make sure to use the correct supply voltage. Observe proper polarity when connecting the power to the driver. Unit must be grounded as per code. L = input line or hot, N =Neutral. All connections should be according to NEC or any applicable local code.

Wiring Diagram

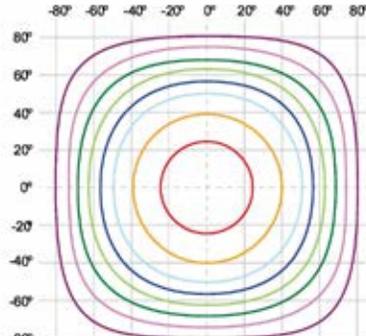


Photometrics

1x4



Isofootcandle



- Cd: 937, 90%
- Cd: 781, 75%
- Cd: 625, 60%
- Cd: 520, 50%
- Cd: 416, 40%
- Cd: 312, 30%
- Cd: 208, 20%
- Cd: 104, 10%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	810.7	26.9%
0-40	1,331.3	44.1%
0-60	2,365.7	78.4%
60-90	645.1	21.4%
70-100	271.7	9%
90-120	3.5	0.1%
0-90	3,010.8	99.7%
90-180	8.3	0.3%
0-180	3,019.2	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	98.5	3.3%	90-100	1.2	0%
10-20	282.6	9.4%	100-110	1.1	0%
20-30	429.7	14.2%	110-120	1.1	0%
30-40	520.5	17.2%	120-130	1.2	0%
40-50	542.5	18.0%	130-140	1.1	0%
50-60	492.0	16.3%	140-150	1.0	0%
60-70	374.6	12.4%	150-160	0.8	0%
70-80	213.1	7.1%	160-170	0.5	0%
80-90	57.4	1.9%	170-180	0.2	0%

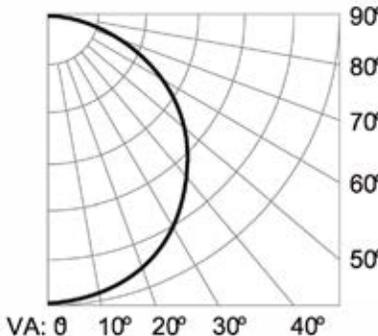
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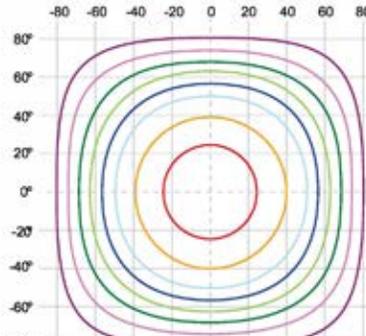
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60-70	374.6	12.4%	150-160	0.8	0%
70-80	213.1	7.1%	160-170	0.5	0%
80-90	57.4	1.9%	170-180	0.2	0%

2x2



Isofootcandle



- Cd: 1,076, 90%
 - Cd: 897, 75%
 - Cd: 718, 60%
 - Cd: 598, 50%
 - Cd: 478, 40%
 - Cd: 359, 30%
 - Cd: 239, 20%
 - Cd: 120, 10%
- Point of Max Cd: 1,197.0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	930.9	26.9%
0-40	1,527.9	44.1%
0-60	2,714.0	78.4%
60-90	738.3	21.3%
70-100	309.9	9%
90-120	4.2	0.1%
0-90	3,452.3	99.7%
90-180	9.6	0.3%
0-180	3,461.9	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	113.2	3.3%	90-100	1.4	0%
10-20	324.5	9.4%	100-110	1.3	0%
20-30	493.2	14.2%	110-120	1.5	0%
30-40	597.0	17.2%	120-130	1.5	0%
40-50	622.1	18.0%	130-140	1.4	0%
50-60	563.9	16.3%	140-150	1.0	0%
60-70	429.8	12.4%	150-160	0.7	0%
70-80	245.0	7.1%	160-170	0.5	0%
80-90	63.5	1.8%	170-180	0.2	0%

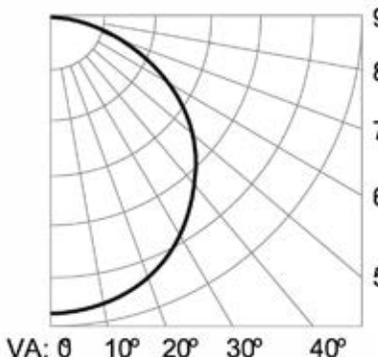
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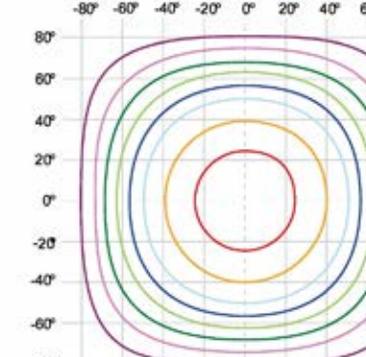
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60-70	429.8	12.4%	150-160	0.7	0%
70-80	245.0	7.1%	160-170	0.5	0%
80-90	63.5	1.8%	170-180	0.2	0%

2x4



Isofootcandle



- Cd: 1,636, 90%
 - Cd: 1,363, 75%
 - Cd: 1,091, 60%
 - Cd: 909, 50%
 - Cd: 727, 40%
 - Cd: 545, 30%
 - Cd: 364, 20%
 - Cd: 182, 10%
- Point of Max Cd: 1,818.0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	1,417.7	26.8%
0-40	2,328.9	44.1%
0-60	4,141.5	78.4%
60-90	1,131.8	21.4%
70-100	476.4	9%
90-120	5.1	0.1%
0-90	5,273.4	99.8%
90-180	9.2	0.2%
0-180	5,282.6	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	172.1	3.3%	90-100	2.0	0%
10-20	494.0	9.4%	100-110	1.7	0%
20-30	751.7	14.2%	110-120	1.5	0%
30-40	911.2	17.2%	120-130	1.2	0%
40-50	950.5	18.0%	130-140	1.0	0%
50-60	862.1	16.3%	140-150	0.8	0%
60-70	657.4	12.4%	150-160	0.6	0%
70-80	375.8	7.1%	160-170	0.4	0%
80-90	98.6	1.9%	170-180	0.1	0%

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0-180	5,282.6	100%

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