

PrismBEAM 3

Pre-assembled, stick-based LED illumination
for new & retrofit sign cabinet applications

Specifications

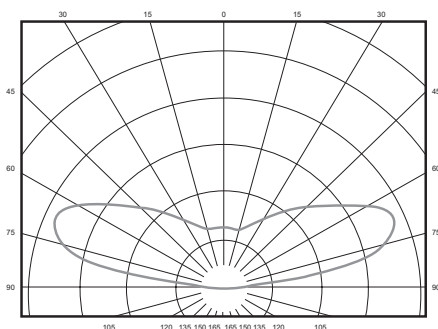
Dimensions W × H	Single-sided	13 mm × 23 mm
	Double-sided	13 mm × 32 mm
Efficacy	165 lm/W	
Color temperature (nominal)	6500 K	
Optimum cabinet depth	Single-sided	127-203 mm
	Double-sided	254-406 mm
Operating temperature	-40° C to +60° C	
Protection class	IP66 & IP68*	
Binning	MacAdam Ellipse 3-Step	
Life rating	>60,000 hours	
Fastening	Mounts to existing lampholders	



Lengths		Part number		Modules per assembly		Lumens per assembly		Packaging
Nominal	Actual	Single-sided	Double-sided	Single-sided	Double-sided	Single-sided	Double-sided	(lamps per carton)
0.46 m	0.40 m	701972-6W24PS183	701972-6W24PD183	2	4	420	840	8
0.61 m	0.55 m	701972-6W24PS243	701972-6W24PD243	2	4	420	840	8
0.76 m	0.70 m	701972-6W24PS303	701972-6W24PD303	3	6	630	1260	8
0.91 m	0.86 m	701972-6W24PS363	701972-6W24PD363	3	6	630	1260	8
1.07 m	1.01 m	701972-6W24PS423	701972-6W24PD423	4	8	840	1680	8
1.22 m	1.16 m	701972-6W24PS483	701972-6W24PD483	5	10	1050	2100	16
1.52 m	1.47 m	701972-6W24PS603	701972-6W24PD603	6	12	1260	2520	16
1.63 m	1.57 m	701972-6W24PS643	701972-6W24PD643	6	12	1260	2520	8
1.83 m	1.77 m	701972-6W24PS723	701972-6W24PD723	7	14	1470	2940	16
2.13 m	2.08 m	701972-6W24PS843	701972-6W24PD843	8	16	1680	3360	8
2.44 m	2.38 m	701972-6W24PS963	701972-6W24PD963	9	18	1890	3780	16
2.74 m	2.69 m	701972-6W24PS1083	701972-6W24PD1083	11	22	2310	4620	8
2.97 m	2.91 m	701972-6W24PS1173	701972-6W24PD1173	12	24	2520	5040	8
3.05 m	2.99 m	701972-6W24PS1203	701972-6W24PD1203	12	24	2520	5040	8

* PrismBEAM 3 IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.

Luminous Intensity Distribution



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Power Supply Capacity

24 VDC Power supply†	Maximum lamps per power supply (single-sided/double-sided)													
	0.46 m	0.61 m	0.76 m	0.91	1.07 m	1.22 m	1.52 m	1.63 m	1.83 m	2.13 m	2.44 m	2.74 m	2.97 m	3.05 m
30 W Power Supply (EU/ROW ONLY)	10 / 5	10 / 5	7 / 3	7 / 3	5 / 2	4 / 2	3 / 1	3 / 1	3 / 1	2 / 1	2 / 1	1 / 1	1 / -	1 / -
60 W Power Supply	21 / 10	21 / 10	14 / 7	14 / 7	10 / 5	8 / 4	7 / 3	7 / 3	6 / 3	5 / 2	4 / 2	3 / 1	3 / 1	3 / 1
100 W Power Supply	36 / 18	36 / 18	24 / 12	24 / 12	18 / 9	14 / 7	12 / 6	12 / 6	10 / 5	9 / 4	8 / 4	6 / 3	6 / 3	6 / 3
150 W Power Supply (EU/ROW ONLY)	54 / 26	54 / 26	35 / 17	35 / 17	26 / 13	21 / 10	17 / 8	17 / 8	15 / 7	13 / 6	11 / 5	9 / 4	8 / 4	8 / 4
300 W Power Supply	3 × 36 / 18	3 × 36 / 18	3 × 24 / 12	3 × 24 / 12	3 × 18 / 9	3 × 14 / 7	3 × 12 / 6	3 × 12 / 6	3 × 10 / 5	3 × 9 / 4	3 × 8 / 4	3 × 6 / 3	3 × 6 / 3	3 × 6 / 3
Watts per assembly	2.5 / 5.1	2.5 / 5.1	3.8 / 7.6	3.8 / 7.6	5.1 / 10.2	6.4 / 12.7	7.6 / 15.3	7.6 / 15.3	8.9 / 17.8	10.2 / 20.4	11.5 / 22.9	14.0 / 28.0	15.3 / 30.5	15.3 / 30.5

† Configured for Class 2 Output.

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