

# SloanLED PrismBEAM<sup>24</sup>

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

## Specifications

<b>Dimensions W × H</b> .....	<b>Single-sided</b> .....	13 mm × 23 mm (0.50 in × 0.89 in)
	<b>Double-sided</b> .....	13 mm × 32 mm (0.50 in × 1.27 in)
<b>Efficacy</b> .....	165 lm/W	
<b>Color temperature (nominal)</b> ....	6500 K	
<b>Optimum cabinet depth</b> .....	<b>Single-sided</b> .....	127-203 mm (5-8")
	<b>Double-sided</b> .....	254-406 mm (10-16")
<b>Operating temperature</b> .....	-40° C to +60° C	
<b>Protection class</b> .....	IP66 & IP68*	
<b>Binning</b> .....	MacAdam Ellipse 3-Step	
<b>Life rating</b> .....	>60,000 hours	
<b>Fastening</b> .....	Mounts to existing lampholders or SloanLED PrismBEAM <sup>24</sup> brackets	



Lengths		Part number		Modules per assembly		Lumens per assembly		Packaging (lamps per carton)
Nominal	Actual	Single-sided	Double-sided	Single-sided	Double-sided	Single-sided	Double-sided	
0.46 m (18 in)	0.40 m (15.72 in)	701972-6W24PS181	701972-6W24PD181	2	4	420	840	8
0.61 m (24 in)	0.55 m (21.72 in)	701972-6W24PS241	701972-6W24PD241	2	4	420	840	8
0.76 m (30 in)	0.70 m (27.72 in)	701972-6W24PS301	701972-6W24PD301	3	6	630	1260	8
0.91 m (36 in)	0.86 m (33.72 in)	701972-6W24PS361	701972-6W24PD361	3	6	630	1260	8
1.07 m (42 in)	1.01 m (39.72 in)	701972-6W24PS421	701972-6W24PD421	4	8	840	1680	8
1.22 m (48 in)	1.16 m (45.72 in)	701972-6W24PS481	701972-6W24PD481	5	10	1050	2100	16
1.52 m (60 in)	1.47 m (57.72 in)	701972-6W24PS601	701972-6W24PD601	6	12	1260	2520	16
1.63 m (64 in)	1.57 m (61.72 in)	701972-6W24PS641	701972-6W24PD641	6	12	1260	2520	8
1.83 m (72 in)	1.77 m (69.72 in)	701972-6W24PS721	701972-6W24PD721	7	14	1470	2940	16
2.13 m (84 in)	2.08 m (81.72 in)	701972-6W24PS841	701972-6W24PD841	8	16	1680	3360	8
2.44 m (96 in)	2.38 m (93.72 in)	701972-6W24PS961	701972-6W24PD961	9	18	1890	3780	16
2.74 m (108 in)	2.69 m (105.72 in)	701972-6W24PS1081	701972-6W24PD1081	11	22	2310	4620	8
2.97 m (117 in)	2.91 m (114.72 in)	701972-6W24PS1171	701972-6W24PD1171	12	24	2520	5040	8
3.05 m (120 in)	2.99 m (117.72 in)	701972-6W24PS1201	701972-6W24PD1201	12	24	2520	5040	8

\* SloanLED PrismBEAM<sup>24</sup> 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.

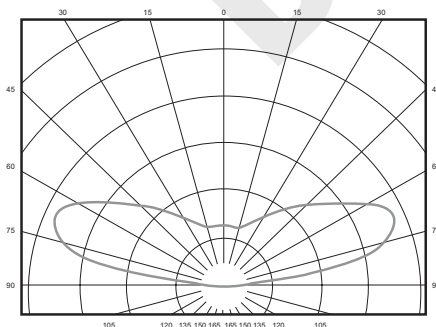


## Accessories



**Bracket**  
402607-10  
Optional – Sold in bags of 10.

## 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 (18 in)	0.61 m (24 in)	0.76 m (30 in)	0.91 m (36 in)	1.07 m (42 in)	1.22 m (48 in)	1.52 m (60 in)	1.63 m (64 in)	1.83 m (72 in)	2.13 m (84 in)	2.44 m (96 in)	2.74 m (108 in)	2.97 m (117 in)	3.05 m (120 in)
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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Specifications subject to change without notice.

