

PosterBOX

Side illumination for shallow or narrow cabinets

Specifications

Part number	White (6500 K)701946-CWPBM
	White (5000 K)701946-NWPBM
Dimensions L x W x H	220 mm x 44 mm x 23 mm (8.67 in x 1.74 in x 0.92 in)
LEDs per module	3
Light coverage*	1.2 m (4 ft)
Module spacing	Cabinet depthCenter-to-center
	≤10cm (4 in)30 cm (12 in)
	>10 cm (4 in) to ≤20 cm (8 in)45 cm (18 in)
Operating temperature	-40° C to +70° C
Protection class	IP66
Special feature	FanFlare lens technology
Power per module	6.7 W
Efficacy	82 lm/W
Power capacity	8 modules per SloanLED 60 W 12 VDC power supply
Fastening	Peel-n-stick and mechanical
Packaging	10 modules and FlareShields™ per carton
Color temperatures	6500 K, 5000 K
Lumens per module	550
Accessory	FlareShield (401059) for shallower applications to eliminate hot spots

Accessories



FlareShield
401059
Each carton of PosterBOX
comes with 10 FlareShields



The SloanLED PosterBOX™ product family is licensed by Signify (formerly Philips Lighting) in relation to the following patents: North America: US7841733. Europe: EP1938298, NL1030161, NL2000273, DE202006020673.6. Asia: CN101300616. PosterBOX products are licensed under Signify's EnabledLED program when bought as a PosterBOX lighting kit solution including a SloanLED power supply. Final application in which PosterBOX lighting kit solution is installed is covered by SloanLED's licensing agreement with Signify and free from any further royalties relating to the patents listed above.



Power Supply Capacity

12 VDC Power supply†	PosterBOX
Modules per meter/foot	N/A†
20 W Power Supply	2 mods
25 W Power Supply	3 mods
60 W Power Supply	8 mods
120 W Power Supply	8 mods x 2
Watts per module	6.70

* Testing highly recommended as all substrates and graphics vary.

† Contact customer service for additional details.

‡ Configured for Class 2 Output.

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Density Guidelines

Sign cabinet depth: ≤ 10 cm

Module spacing: 30 cm center-to-center		Long side								
		30 cm	60 cm	90 cm	120 cm	150 cm	180 cm	210 cm	240 cm	...X cm
Short side	30 cm	1 modules/side 1 side	2 modules/side 1 side	3 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	7 modules/side 1 side	8 modules/side 1 side	$[X \div 30]$ modules (rounded up)/side 1 side
	60 cm		2 modules/side 1 side	3 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	7 modules/side 1 side	8 modules/side 1 side	$[X \div 30]$ modules (rounded up)/side 1 side
	90 cm			3 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	7 modules/side 1 side	8 modules/side 1 side	$[X \div 30]$ modules (rounded up)/side 1 side
	120 cm				4 modules/side 2 sides	5 modules/side 2 sides	6 modules/side 2 sides	7 modules/side 2 sides	8 modules/side 2 sides	$[X \div 30]$ modules (rounded up)/side 2 sides
	150 cm					5 modules/side 2 sides	6 modules/side 2 sides	7 modules/side 2 sides	8 modules/side 2 sides	$[X \div 30]$ modules (rounded up)/side 2 sides
>150 cm		TESTING REQUIRED								

Sign cabinet depth: >10 cm and ≤ 20 cm

Module spacing: 45 cm center-to-center		Long side								
		30 cm	60 cm	90 cm	120 cm	150 cm	180 cm	210 cm	240 cm	...X cm
Short side	30 cm	1 modules/side 1 side	2 modules/side 1 side	2 modules/side 1 side	3 modules/side 1 side	4 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	$[X \div 45]$ modules (rounded up)/side 1 side
	60 cm		2 modules/side 1 side	2 modules/side 1 side	3 modules/side 1 side	4 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	$[X \div 45]$ modules (rounded up)/side 1 side
	90 cm			2 modules/side 1 side	3 modules/side 1 side	4 modules/side 1 side	4 modules/side 1 side	5 modules/side 1 side	6 modules/side 1 side	$[X \div 45]$ modules (rounded up)/side 1 side
	120 cm				3 modules/side 2 sides	4 modules/side 2 sides	4 modules/side 2 sides	5 modules/side 2 sides	6 modules/side 2 sides	$[X \div 45]$ modules (rounded up)/side 2 sides
	150 cm					4 modules/side 2 sides	4 modules/side 2 sides	5 modules/side 2 sides	6 modules/side 2 sides	$[X \div 45]$ modules (rounded up)/side 2 sides
>150 cm		TESTING REQUIRED								

These guidelines are intended to provide only an approximation of PosterBOX product required for your sign, assuming an optimal balance of performance and cost. SloanLED is not responsible for the actual results based on the use of these guidelines.

Notes:

- 1) It is recommended that you first test LED density in a sample cabinet to evaluate brightness, uniformity and color.
- 2) Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
- 3) For optimal performance, ensure inside cabinet walls are a bright matte white.
- 4) Symbol " \leq " represents less than or equal to.
- 5) Symbol " $>$ " represents greater than.
- 6) Mount modules on long side(s) of cabinet
- 7) For a brighter sign, add more modules per side(s).

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Visit product page for details.

