

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	8.67 in x 1.74 in x 0.92 in	(220 mm x 44 mm x 23 mm)
LEDs per module	3	
Light coverage*	4 ft (1.2 m)	
Module spacing	Cabinet depth	Center-to-center
	≤4 in (10cm)	12 in (30 cm)
	>4 in (10 cm) to ≤8 in (20 cm)	18 in (45 cm)
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	



Power Supply Capacity

12 VDC Power supply†	PosterBOX
Modules per foot/meter	N/A†
20 W Power Supply	2 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.

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 EnabLED 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.

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Density Guidelines

Sign cabinet depth: $\leq 4"$

Module spacing: 12" center-to-center	Long side									
	12"	24"	36"	48"	60"	72"	84"	96"	...X"	
Short side	12"	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	$[X \div 12]$ modules (rounded up)/side 1 side
	24"		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	$[X \div 12]$ modules (rounded up)/side 1 side
	36"			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	$[X \div 12]$ modules (rounded up)/side 1 side
	48"				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	$[X \div 12]$ modules (rounded up)/side 2 sides
	60"					5 modules/side 2 sides	6 modules/side 2 sides	7 modules/side 2 sides	8 modules/side 2 sides	$[X \div 12]$ modules (rounded up)/side 2 sides
>60"	TESTING REQUIRED									

Sign cabinet depth: $> 4"$ and $\leq 8"$

Module spacing: 18" center-to-center	Long side									
	12"	24"	36"	48"	60"	72"	84"	96"	...X"	
Short side	12"	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	$[X \div 18]$ modules (rounded up)/side 1 side
	24"		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	$[X \div 18]$ modules (rounded up)/side 1 side
	36"			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	$[X \div 18]$ modules (rounded up)/side 1 side
	48"				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	$[X \div 18]$ modules (rounded up)/side 2 sides
	60"					4 modules/side 2 sides	4 modules/side 2 sides	5 modules/side 2 sides	6 modules/side 2 sides	$[X \div 18]$ modules (rounded up)/side 2 sides
>60"	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.

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Visit product page
for details.

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).