

PosterBOX Slim 2

Side illumination for shallow light boxes

Specifications

Part number	White (6500 K)701946-6WXL3
	White (5000 K)701946-5WXL3
Dimensions L x W x H	127 mm x 25 mm x 17 mm (5.00 in x 1.00 in x 0.67 in)
LEDs per module	3
Light coverage*	0.6 m (2 ft)
Modules per meter/foot	4.6 / 1.4
Minimum box depth	50 mm (2 in), single or double-sided
Operating temperature	-40° C to +70° C
Protection class	IP66
Viewing angle	15° x 43°
Power per module	1.68 W
Efficacy	110 lm/W
Power capacity	32 modules per SloanLED 60 W 12 VDC power supply
Fastening	Peel-n-stick and mechanical
Packaging	32 daisy chained modules per bag, 4 bags per carton
Color temperatures	6500 K, 5000 K
Lumens per module	185



Green Signage

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Power Supply Capacity

12 VDC Power supply†	PosterBOX Slim 2
Modules per meter/foot	4.6/1.4
20 W Power Supply	2.2 m (7.1 ft) / 10 mods
25 W Power Supply	2.8 m (9.2 ft) / 13 mods
60 W Power Supply	6.9 m (22.7 ft) / 32 mods
120 W Power Supply	2 x 6.9 m (22.7 ft) / 32 mods
Watts per module	1.68

* Testing highly recommended as all substrates and graphics vary.

† Configured for Class 2 Output.

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Density Guidelines

Sign Cabinet Depth: 5 - 15 cm

Module spacing: 15 cm center to center		Length								
		30 cm	60 cm	90 cm	120 cm	150 cm	180 cm	210 cm	240 cm	X cm
Height	30 cm	2 modules/side	4 modules/side	6 modules/side	8 modules/side	10 modules/side	12 modules/side	14 modules/side	16 modules/side	$[X \div 15]$ modules (rounded up)/side
		1 long side	1 long side	1 long side	1 long side	1 long side	1 long side	1 long side	1 long side	1 long side
	60 cm		4 modules/side	6 modules/side	8 modules/side	10 modules/side	12 modules/side	14 modules/side	16 modules/side	$[X \div 15]$ modules (rounded up)/side
			2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides
	90 cm			6 modules/side	8 modules/side	10 modules/side	12 modules/side	14 modules/side	16 modules/side	$[X \div 15]$ modules (rounded up)/side
				2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides
	120 cm				8 modules/side	10 modules/side	12 modules/side	14 modules/side	16 modules/side	$[X \div 15]$ modules (rounded up)/side
					2 long sides	2 long sides	2 long sides	2 long sides	2 long sides	2 long sides
	150 cm					10 modules/side	12 modules/side	14 modules/side	16 modules/side	$[X \div 15]$ modules (rounded up)/side
						2 long sides	2 long sides	2 long sides	2 long sides	2 long sides
	>150 cm	Testing required								

These guidelines are intended to provide only an approximation of PosterBOX Slim 2 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 the 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 back tray & 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.

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Specifications subject to change without notice.

