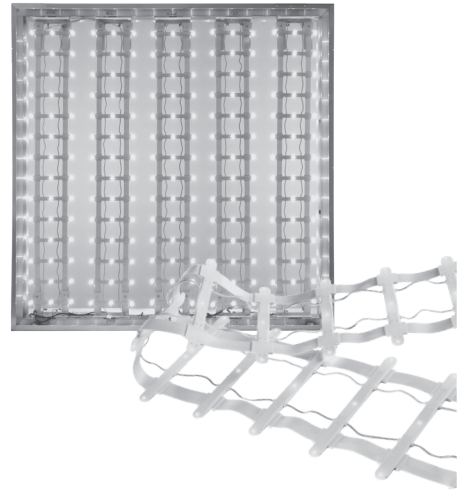


SignBOX II

LED illumination for single or double-sided sign boxes

Specifications

Part number	Single-sided..... 6500 K	701946-6WS201
	Single-sided..... 5000 K	701946-5WS201
	Double-sided..... 6500 K	701946-6WD201
	Double-sided..... 5000 K	701946-5WD201
Dimensions L x W x H	8.5 in x 1.0 in x 0.3 in	
	(216 mm x 26 mm x 8 mm)	
	60 modules per 20 ft (6.1 m) chain	
Viewing angle	120°	
LEDs per module	Single-sided.....	3
	Double-sided.....	6
Modules per foot (meter)	3 (10)	
Coverage per row	12 in (300 mm)	
Optimal light throw	5 - 12 in (125 - 300 mm) from face	
Operating temperature	-40° C to +70° C	
Protection class	IP66	
Life rating	>60,000 hours	
Special feature	Cutable in 4 in (100 mm) increments	
Power per module	Single-sided.....	0.90 W
	Double-sided.....	1.80 W
Efficacy	117 lm/W	
Fastening	Clamps with mechanical fasteners	
Packaging	60 modules per carton, 8 clamps included	
Color temperatures	6500 K, 5000 K	
Lumens per module	Single-sided.....	105
	Double-sided.....	210
Mounting hardware	Bracket.....	Bag of 10.....401309-10
	Clamp.....	Bag of 16.....410155-16
	Coupler	Bag of 10.....401330-10



Power Supply Capacity

12 VDC Power supply*	Maximum modules single-sided or one leg of double-sided	Maximum modules double-sided, both legs
20 W Power Supply	20	10
60 W Power Supply	60	30
2 x 60 W Power Supply	60 x 2	30 x 2
Power used per ft (m) in watts	2.7 W (8.9)	5.4 W (17.7)

* Configured for Class 2 Output.

NOTE: When mixing modules of different sizes/colors or various products on the same power supply, simply add all the power requirements for the respective footages of each product. Then choose appropriate power supplies to provide adequate power output. The actual number of power supplies needed may vary based on how the materials are distributed across the project.

Accessories



Clamp
410155-16
Each carton of SignBOX II comes with 8 clamps



Bracket
401309-10
Optional – Sold in bags of 10.



Coupler
401330-10
Optional – Sold in bags of 10.



SignBOX™ II is covered by US and foreign patents pending.

SignBOX II

LED illumination for single or double-sided sign boxes

Density Guidelines

Model	Module color	Cabinet Depth	Inches/mm on center	Watts per module
SignBOX II Single-sided	5000 K / 6500 K	5-12" (127-305 mm)	12" / 305 mm	0.90 W
SignBOX II Double-sided	5000 K / 6500 K	10-24" (254-610 mm)	12" / 305 mm	1.80 W

Notes:

- 1) To minimize the potential for shadows/hot spots in applications when using frame support tubes/poles; mount modules or frame support tubes such that the tubes are centered in between modules and at a depth that will not directly interfere with the beam angle of the LEDs. Use SignComp Adjustable Frame Brace (P/N: 5357) or equivalent.

These guidelines are intended to provide only an approximation of SignBOX II product required for your cabinet, 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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