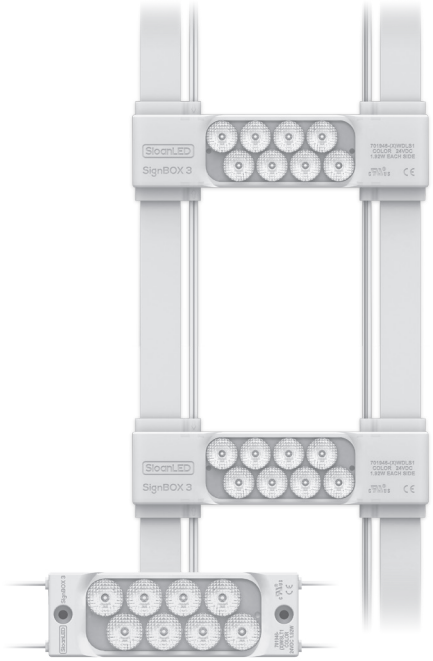
SIGNBOX 3

24 VDC

LED illumination for single or double-sided sign boxes

SIGNBOX SERIES



Specifications

Part number .....Strapped single-sided .... 6500 K..... 701946-6WSLS1
5000 K 701946-5WSLS1
Strapped double-sided... 6500 K..... 701946-6WDLS1
5000 K 701946-5WDLS1
Module..... 6500 K..... 701946-6WSLT1
5000 K 701946-5WSLT1

Dimensions L × W × H .....Strapped single-sided/... 5.4 in × 1.9 in × 0.3 in
Strapped double-sided 60 modules per 60 ft chain
Module..... 4.1 in × 1.4 in × 0.4 in

LEDs per side.....8

Modules per foot.....1

Coverage per row.....12"

Optimal light throw.....5-12" from face

Operating temperature.....-40° C to +70° C

Protection class .....IP66 & IP68*

Binning .....MacAdam Ellipse

Life rating.....>60,000 hours

Power per module.....Strapped single-sided/... 1.92 W
Module
Strapped double-sided... 3.84 W

Efficacy.....156 lm/W

Fastening .....Strapped single ..... Clips with mechanical fasteners and double-sided
Module..... Peel-n-stick

Packaging.....Strapped single-sided .... 1 chain (60 modules) per carton, and double-sided..... 40 clips included
Module..... 3 chains, 48 modules per chain

Color temperatures.....6500 K, 5000 K

Lumens per module.....Strapped single-sided/... 300
Module
Strapped double-sided... 600

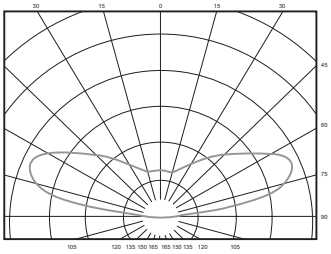
Mounting hardware.....Bracket..... Bag of 10 ... 402107-10
Clip..... Bag of 20 .. 402106-20
Coupler ..... Bag of 10 ... 402108-10

RoHS Compliant

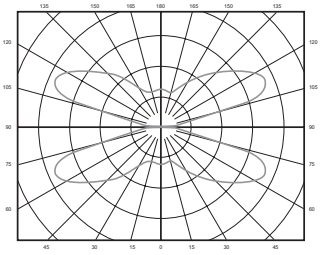
* IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.

Luminous Intensity Distribution

Strapped single-sided / Module



Strapped double-sided



Accessories



Bracket
402107-10



Coupler
402108-10



Clip
402106-20
Each carton of SignBOX 3 comes with 40 clips

Power Supply Options

24 VDC Power Supply	Maximum SignBOX 3 single-sided modules, or one leg of double-sided	Maximum SignBOX 3 double-sided modules, both legs
60 W	28	14
96 W	48	24
3 x **96 W**	3 x 48	3 x 24
100 W	48	24
Power used per ft in Watts	1.92 W	3.84 W

SignBOX™ 3 is covered by US and foreign patents pending.

PRINCIPAL SLOAN
A Principal Industries Company

SIGNBOX 3

LED illumination for single or double-sided sign boxes

24 VDC

Density Guidelines

Model	Module color	Cabinet Depth	Inches on center	Watts per module
SignBOX 3 Strapped single-sided and SignBOX 3 Module	5000 K / 6500 K	5"	12"	1.92 W
		8"	12-16"*	
		12"	16-20"*	
SignBOX 3 Strapped double-sided	5000 K / 6500 K	10"	12"	3.84 W
		16"	12-16"*	
		24"	16-20"*	

* Depending on level of brightenss required

Product and depth may vary depending on face material and desired brightness. All spacing guidelines in this chart were done using 7328 White Acrylic faces. Other materials, thicknesses, and color can affect these guidelines in your sign. To ensure accuracy, it is recommended that you test the product in your specific application in a dark setting prior to installation. If you have concerns or questions about the materials you are using for your application please contact us for assistance.

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.

10 YEAR Product & Labor WARRANTY

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Specifications subject to change without notice.

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