

BS100LED-2FT

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
3585 lm - 5062 lm

Input Wattage:
30W or 40W

Efficacy:
up to 127 lm/W

Colour Temperatures:
3500K, 4000 K, 5000K

Projected Lumen Maintenance:
L₇₀ @ >60,000 hrs.

100% UV stabilized polycarbonate housing, liquid silicone perimeter gasket

100% UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that enhance even light distribution



The **BS100LED** vapor tight is corrosion, flame and vandal resistant

Surface mount standard, 9 optional mounting configurations available

The **BS100LED** unique three piece design that allows effortless assembly without any tools

Configurations

MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BS100LED	2 (2ft)	HT (AC only)	LO (3796lm)	WT35 (3500K)	120-277V	[BLANK] (surface mount - std.)	FP ¹ (fuse protection)
		SA ¹ (AC & EM)	MO (5062lm)	WT40 (4000K)	347V	[BLANK] (chain hang kit - std.)	TP ³ (4 tamper proof screws)
				WT50 (5000K)		AC (aircraft cable)	SP (10kA surge protection)
						JM ² (direct mount to j-box)	SS (stainless steel clips)
						MM (magnetic mount)	EOS01 (PIR, end mount, step-dimming, 120-277V (8-15'MH))
						PM (pivot mount)	EOS02 (PIR, end mount, step-dimming, 347V (8-15'MH))
							EOS06 (PIR, end mount, step-dimming, 347V (40'MH))
							EOS09 (PIR, end mount, On/Off, 120-277V (40'MH))
							IOS01 (microwave, internal mount, On/Off, 120-277V (15'MH))
							IOS02 (microwave, internal mount, Step-dimming, 120-347V (26'MH))
							LOS01 (PIR, lens mount, step-dimming, 120-277V (8'MH))
							LOS02 (PIR, lens mount, step-dimming, 347V (8'MH))

NOTE¹: SA and FP are not available for 347V; **NOTE²:** the unit is no longer wet location / IP66 / Sanitation listed; **NOTE³:** TPSB - tamper proof screws require a special bit (TPSB), order as needed.

HOUSING:

UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.

REFLECTOR:

Angled, steel reflector system finished in durable white powder coat. The reflector system holds all electrical components.

ELECTRICAL:

Available in 3500K, 4000K and 5000K colour temperatures. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L70 at over 60,000 hours.

SA (AC & EMERGENCY):

Integral emergency backup provides a minimum 90 minutes emergency operation. Initial lumen output during emergency operation is 1107.

AC POWER CONNECTION:

3-wire, solid type 18awg, pre-stripped. Leads for quick in-field connection and hot load disconnect feature.

MOUNTING:

Surface mount configuration is standard with integrated stainless steel mounting brackets. Additional mounting systems are available: including aviation cable, pendants, chain, magnetic, pivot and direct to junction box configurations.

Suspension height is to be specified when ordering any suspension mount units: AC. Junction mount (JM) configuration allows for direct mount to recessed junction box.

SANITATION LISTED:

Equivalent to the NSF standard No. 2 and is suitable for use in food equipment environments.

WEIGHT:

5 lbs. / 2.27 kilo.

DIMMING:

0 - 10V dimming is standard to 1%. Compatible with most dimming systems, contact factory for more information.

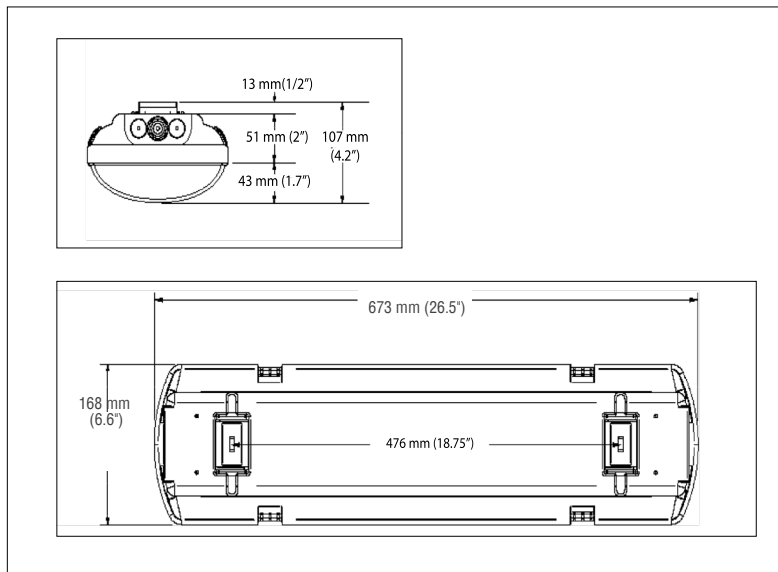
OPERATING TEMPERATURE:

HT: -40°C to 40°C
SA: 0°C to 40°C

WARRANTY:

5 year LED warranty, see website for full warranty details.

BS100LED-2FT

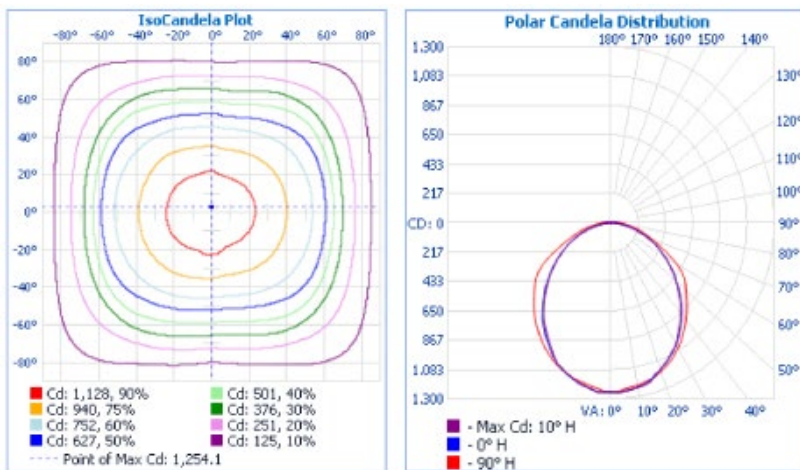


BS100LED 2FT Accessories

MODEL	DESCRIPTION
50001053	aircraft cable 50"
50001054	aircraft cable 72"
50001055	aircraft cable 100"
50001056	aircraft cable 150"
50001057	aircraft cable 200"
50001032	pivot mounting
JM	junction box mount
50001024	magnetic mounting

BS100LED-2HT-LO-WT35-120-277V

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	959	26%
0-40	1567	42%
0-60	2776	75%
60-90	816	22%
0-180	3585	100%

Energy Chart

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70' HOURS
BS100LED-2HT-LO-WT35-120-277V	2ft	120 lm/W	30	3585	>80	>60,000
BS100LED-2HT-LO-WT40-120-277V	2ft	123 lm/W	30	3691	>80	>60,000
BS100LED-2HT-LO-WT50-120-277V	2ft	127 lm/W	30	3796	>80	>60,000
BS100LED-2HT-MO-WT35-120-277V	2ft	120 lm/W	40	4780	>80	>60,000
BS100LED-2HT-MO-WT40-120-277V	2ft	123 lm/W	40	4921	>80	>60,000
BS100LED-2HT-MO-WT50-120-277V	2ft	127 lm/W	40	5062	>80	>60,000

NOTES: Actual performance may vary between +/-5% of initial lumen output NOTE: Calculated as per TM-21-11. Limited by 6X LM80 test duration.

Emergency Mode

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS
BS100LED-2-SA-XX-WT**120-277V	2ft	-	10	1107	>80	-

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