

BS100LED 2 PLUS

Designlights Consortium™ qualified

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
5518 lm - 8299 lm

Input Wattage:
50W or 70W

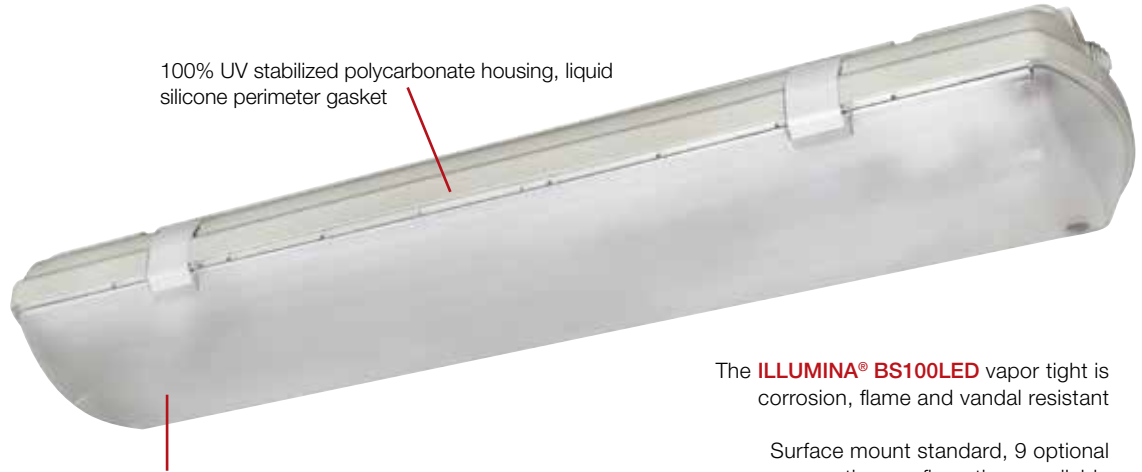
Efficacy:
up to 121 lm/W

Colour Temperatures:
3500K, 4000K, 5000K

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

More power in a smaller package

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 ILLUMINA® BS100LED vapor tight is corrosion, flame and vandal resistant

Surface mount standard, 9 optional mounting configurations available

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

Configurations

MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BS100LEDPLUS	2 (2ft)	HT (AC only)	LO	WT35 (3500K)	120-277V	[BLANK] (surface mount - std.)	SS (stainless steel clips)
			HO	WT40 (4000K)	347V	[BLANK] (chain hang kit - std.)	FP (fuse protection)
				WT50 (5000K)		AC ² (aircraft cable kit)	TPS ⁴ (4 tamper proof screws)
						SPK ³ (single pendant kit)	EM ⁵ (remote emergency backup)
						DPK ³ (double pendant kit)	IOS ⁶ (step dimming occ sensor)
						TM ³ (trunion mount)	OS (occupancy sensor)
						JM ⁷ (direct mount to j-box)	OSW (occupancy sensor-wet)
						MM (magnetic mount)	
						PM (pivot mount)	

NOTE: Not available for 347V; **NOTE:** Specify length for AC: 50", 72", 100", 150", 250" fully adjustable; **NOTE:** SPK, DPK & TM options, min. 6"; **NOTE:** TP-tamper proof screws require a special bit (TPB), order as needed. **NOTE:** EM available in 120-277V models only
NOTE: 120-277V model voids IP rating and sanitation listing. Suitable for wet location only; **NOTE:** JM - the unit is no longer wet location / IP66 rated and voids Sanitation Listing;

ELECTRICAL:

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

EM (AC & EMERGENCY):

Remote emergency backup provides a minimum 90 minutes emergency operation. Initial lumen output during emergency operation is 1230.

POWER LINE/FEED:

5-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, trunion, magnetic, pivot and direct to junction box configurations.

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

WEIGHT:

5 lbs. / 2.27 kg.

DIMMING:

0 - 10V dimming is standard (1-100%). Compatible with most dimming systems, contact factory for more information.

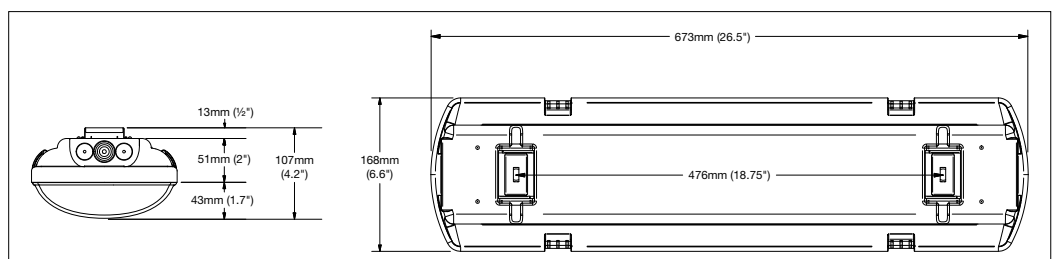
SANITATION LISTED:

Equivalent to the NSF standard No.2. The ILLUMINA® BS100LED-2FT is suitable for use in food equipment environments.

WARRANTY:

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

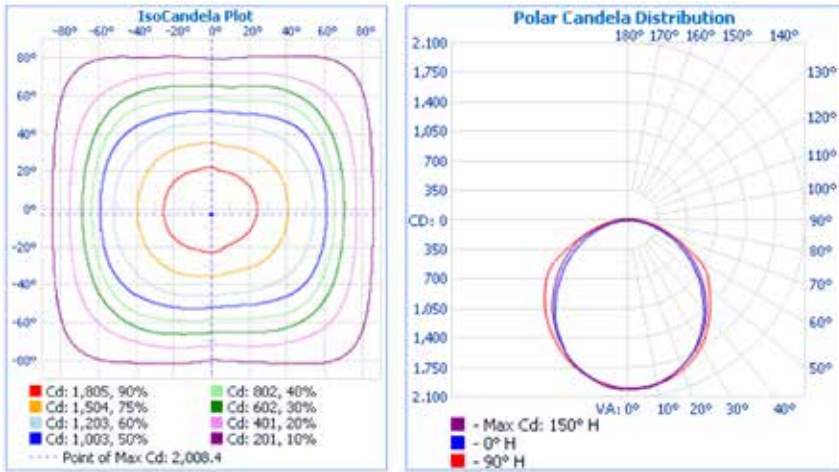
Dimensions



Illumina® BS100LED-2FT PLUS

BS100LED2-PLUS-2HT-LO-WT50-120-277V

Luminous Intensity Distribution

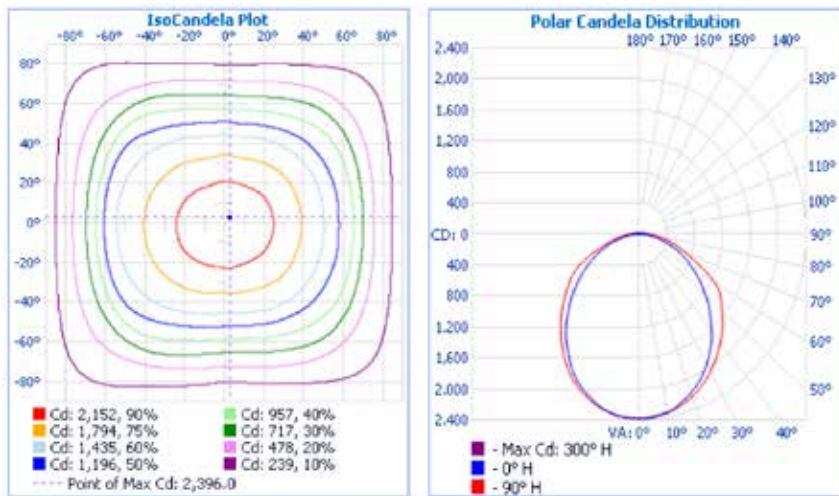


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1631	27%
0-40	2665	44%
0-60	4666	77%
60-90	1299	21%
0-180	6069	100%

BS100LED2-PLUS-2HT-HO-WT35-120-277V

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	2028	27%
0-40	3313	44%
0-60	5802	77%
60-90	1614	21%
0-180	7546	100%

Energy Chart

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS
BS100LED-PLUS-2HT-LO-WT35-120-277V	2ft	110 lm/W	50	5518	>80	>60,000
BS100LED-PLUS-2HT-LO-WT40-120-277V	2ft	118 lm/W	50	5886	>80	>60,000
BS100LED-PLUS-2HT-LO-WT50-120-277V	2ft	121 lm/W	50	6069	>80	>60,000
BS100LED-PLUS-2HT-HO-WT35-120-277V	2ft	108 lm/W	70	7546	>80	>60,000
BS100LED-PLUS-2HT-HO-WT40-120-277V	2ft	115 lm/W	70	8048	>80	>60,000
BS100LED-PLUS-2HT-HO-WT50-120-277V	2ft	119 lm/W	70	8299	>80	>60,000

Emergency Mode

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS
BS100LED-PLUS-2-XX-WT**120-277V-EM	2ft	-	10	1250	>80	-