

BS100LED 2 PLUS PG

Designlights Consortium™ qualified for parking garage luminaires

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
4897 lm - 7700 lm

Input Wattage:
50W or 70W

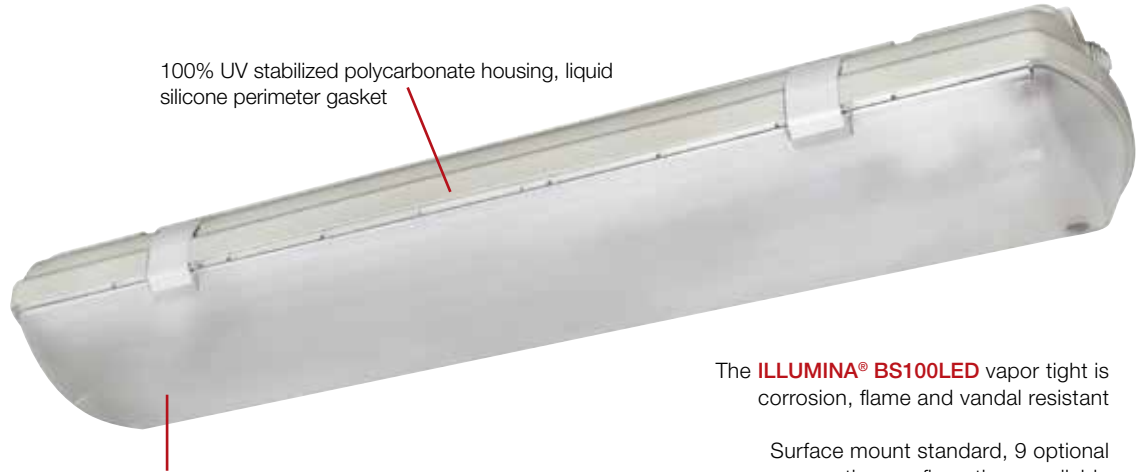
Efficacy:
up to 111 lm/W

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-PG | 2 (2ft) | HT (AC only) | LO | WT35 (3500K) | 120-277V | [BLANK] (surface mount - std.) | SS (stainless steel clips) | | |
| | | | | 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 100,000 hours.

REFLECTOR:

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

EM (AC & EMERGENCY):

Remote emergency backup provides a minimum 90 minutes emergency operation. Initial lumen output during emergency operation is 1240.

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.

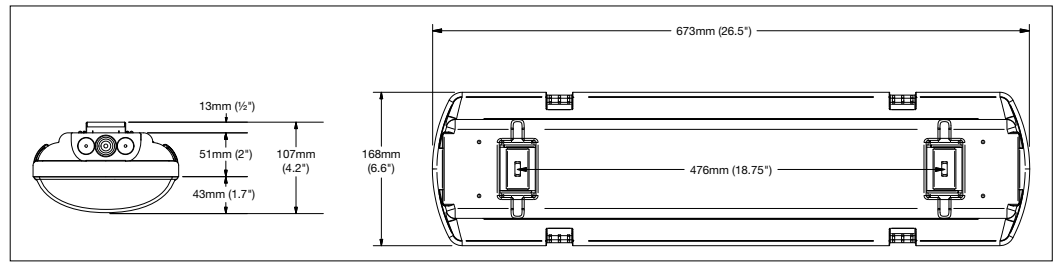
SANITATION LISTED:

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

WARRANTY:

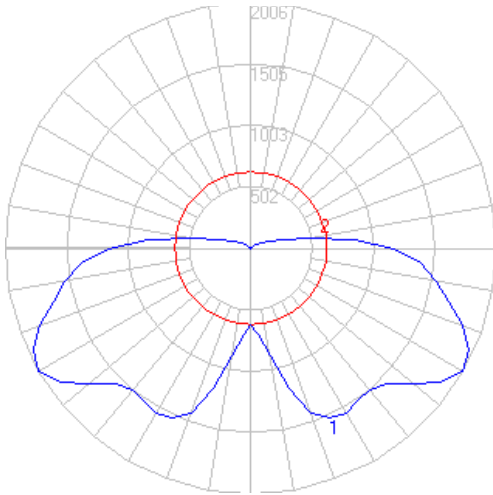
5 year LED warranty, see website for full warranty details.

Dimensions



BS100LED2-PLUS-PG-2HT-HO-WT40-120-277V

Luminous Intensity Distribution



Zonal Lumen Summary

| ZONE | LUMENS | % LUMINAIRE |
|-------|--------|-------------|
| 0-30 | 862 | 12% |
| 0-40 | 1614 | 22% |
| 0-60 | 3610 | 48% |
| 60-90 | 3123 | 42% |
| 0-180 | 7467 | 100% |

Energy Chart

| MODEL | LENGTH | EFFICACY | WATTAGE | LUMEN OUTPUT | CRI | L70 HOURS |
|---------------------------------------|--------|----------|---------|--------------|-----|-----------|
| BS100LED-PLUS-PG-2HT-LO-WT35-120-277V | 2ft | 98 lm/W | 50 | 4897 | >80 | >60,000 |
| BS100LED-PLUS-PG-2HT-LO-WT40-120-277V | 2ft | 105 lm/W | 50 | 5224 | >80 | >60,000 |
| BS100LED-PLUS-PG-2HT-LO-WT50-120-277V | 2ft | 108 lm/W | 50 | 5387 | >80 | >60,000 |
| BS100LED-PLUS-PG-2HT-HO-WT35-120-277V | 2ft | 101 lm/W | 70 | 7000 | >80 | >60,000 |
| BS100LED-PLUS-PG-2HT-HO-WT40-120-277V | 2ft | 107 lm/W | 70 | 7467 | >80 | >60,000 |
| BS100LED-PLUS-PG-2HT-HO-WT50-120-277V | 2ft | 111 lm/W | 70 | 7700 | >80 | >60,000 |

Emergency Mode

| MODEL | LENGTH | EFFICACY | WATTAGE | LUMEN OUTPUT | CRI | L70 HOURS |
|---------------------------------------|--------|----------|---------|--------------|-----|-----------|
| BS100LED-PLUS-PG-2-XX-WT**120-277V-EM | 2ft | - | 10 | 1240 | >80 | - |