

BS100LED

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
4503 lm - 9400 lm

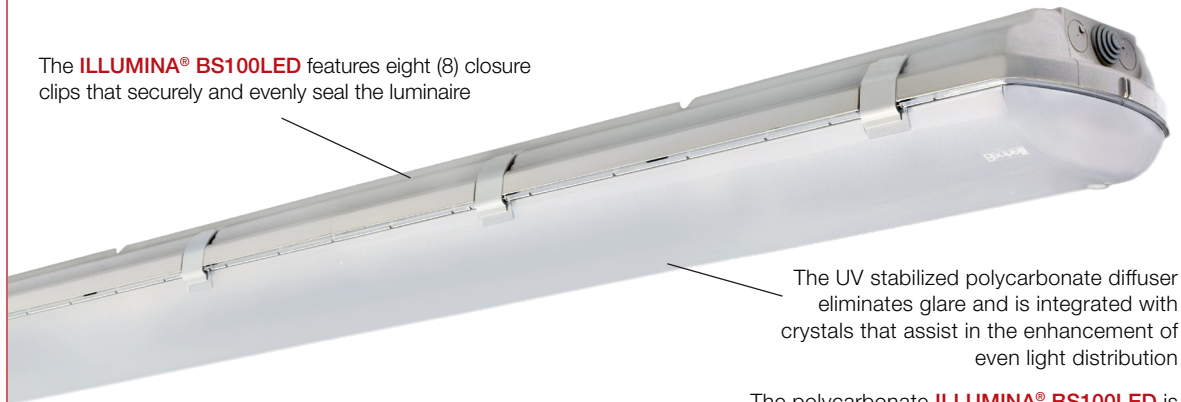
Input Wattage:
30W - 60W

Efficacy:
Up to 157 lm/W

Colour Temperatures:
4000K

Projected Lumen Maintenance:
L₇₀@ >100,000 hrs.

The ILLUMINA® BS100LED features eight (8) closure clips that securely and evenly seal the luminaire



The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution

The polycarbonate ILLUMINA® BS100LED is corrosion, flame and vandal resistant

Unique three piece design that allows effortless assembly without any tools

The ILLUMINA® BS100LED is ideal for installation in parking garages, warehouses, breezeways, canopies, schools and much more.

Configurations

MODEL-	LENGTH	OPERATION	POWER	COLOUR TEMP-	INPUT-	MOUNTING-	OPTIONS
BS100LED	4 (4ft)	[BLANK] (AC only)	VL (4503 lm)	4K (4000K)	S (120-277V)	[BLANK] (surface mount - std.)	SS (stainless steel clips)
BS100LR¹		SA¹ (EM backup)	L (6000 lm)		C (347V)	[BLANK] (chain hang kit - std.)	IOS01 (internal 120-277V microwave on/off sensor)
			M (7600 lm)			AC³ (aviation cable)	IOS02 (internal 120-347V microwave step dimming sensor)
			H (9400 lm)			SPK⁴ (single pendant kit)	IOS03 (internal 120-277V step dimming microwave sensor)
						TM⁴ (trunion mount)	EOS01 (end mount 120-277V step dimming IP66)
						JM⁵ (direct mount to J-box)	EOS02 (end mount 347V step dimming IP66)
						MM (magnetic mount)	EOS06 (end mount 347V step dimming IP66 up to 40ft mounting height)
						PM (pivot mount)	EOS09 (end mount on/off 120-277V)
							LOS01 (integral lens mount 120-277V step dimming IP66 on sensor)
							LOS02 (integral lens mount 347V step dimming IP66 on sensor)
							FP (fuse protection)
							TP⁵ (4 tamper proof screws)
							SP (10kA surge protection)
							D² (DALI driver)
							B² (Black housing)
							90 (90+ CRI)
							LC (Line Cord)
							CT (Cabtire cord)
							TLP (Twist lock plug)

NOTE¹: BS100LR=Retro Fit Kit. Mounting options DO NOT apply to BS100LR unit; **NOTE²:** SA is not available in 347V; **NOTE³:** longer lead time, contact factory; **NOTE⁴:** specify length for AC: 50", 72", 150", 250" fully adjustable; **NOTE⁵:** SPK min 6"; **NOTE⁶:** Voids IP66 rating and sanitation listing

Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
EOS01	Acuity	SBOR-10-OEX-D
EOS02	Acuity	SBOR-10-OEX-D-HVOLT
EOS06	Wattstopper	FSP-221B-D-L7-W
LOS01	Wattstopper	FSP-212-L2
LOS02	Wattstopper	FSP-221-L2

Compatible sensors can be ordered as options but will be shipped separately. Sensor brand is manufacturer's choice unless otherwise noted. If a compatible brand / type sensor is required please call for price.

Illumina® BS100LED

HOUSING:

100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.

DIFFUSER:

Frosted UV stabilized polycarbonate diffuser, eliminates glare and provides even distribution.

REFLECTOR:

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

ELECTRICAL:

Available in 4000K colour temperature. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L70 up to 100,000 hours. SDCM 3.

WEIGHT:

10 lbs. / 4.5 kilo.

POWER LINE/FEED:

5-wire, 18awg, pre-stripped 12" leads for quick in-field connection and hot load disconnect feature.

MOUNTING:

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

DIMMING:

0 - 10V dimming down to 1% is standard. Optional DALI driver is available.

EMERGENCY BACKUP (SA):

Emergency backup with ni-cd batteries provides 1135 lumens for 90 minutes.

OPERATING TEMPERATURE:

AC only: -40°C to 40°C
SA: 0°C to 40°C

SANITATION LISTED:

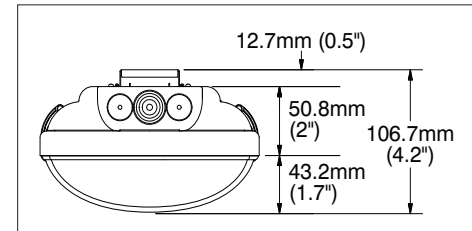
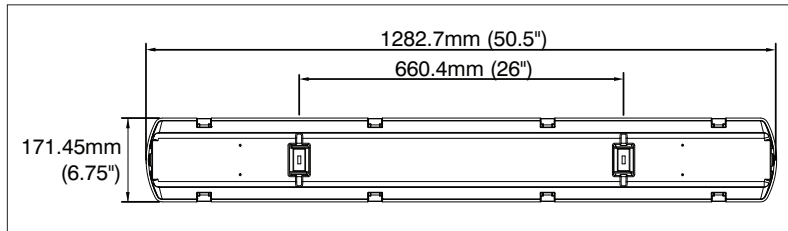
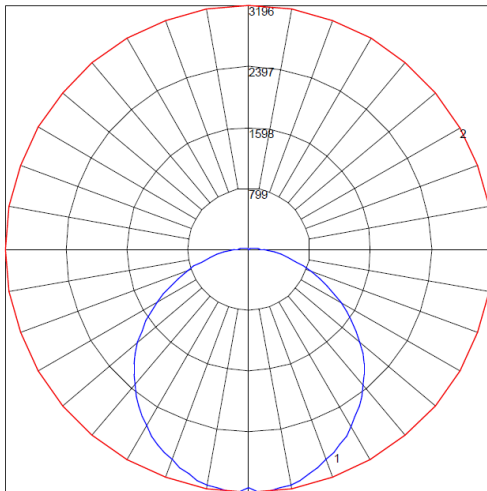
Please consult the DLC website for full list of listed models. Not all options shown here are listed.

RETROFIT KIT (BS100LED-RK):

A quick upgrade system for your existing fluorescent BS100 units. Designed to easily snap into the existing BS100 housing. Engineered to save you time and labour. Includes the polycarbonate diffuser, the steel reflector, LED modules and driver.

WARRANTY:

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

Dimensions**BS100LED-4HT-HO-WT40-120/277V****Luminous Intensity Distribution****Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-30	2471	27%
20-50	4525	48%
60-80	1798	20%
90-180	146	2%
0-180	9400	100%

Energy Chart

MODEL	LENGTH	COLOUR	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L70 (HOURS)	REPORTED L70 ¹ (HOURS)	LUMEN MAINTENANCE
BS100LED-VLO-WT40	4ft	4000K	150 lm/W	30	4503	80+	>100,000	>60,000	97%
BS100LED-LO-WT40	4ft	4000K	150 lm/W	40	6000	80+	>100,000	>60,000	97%
BS100LED-MO-WT40	4ft	4000K	152 lm/W	50	7600	80+	>100,000	>60,000	97%
BS100LED-HO-WT40	4ft	4000K	157 lm/W	60	9400	80+	>100,000	>60,000	97%

NOTES: Actual performance may vary between +/-5% of initial lumen output **NOTE¹**: Calculated as per TM-21-11. Limited by 6X LM80 test duration.

illuminax[®] BS100LED