

BS101L

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
6038 lm - 8797 lm

Input Wattage:
50W & 70W

Efficacy:
Up to 145 lm/W

Colour Temperatures:
3000K, 3500K, 4000K,
5000K

**Projected Lumen
Maintenance:**
L₈₅ @ >54,000 hrs.

The **BS101L** features eight (8) closure clips that securely and evenly seal the luminaire

Unique three piece design that allows effortless assembly without any tools

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

The polycarbonate **BS101L** is corrosion, flame and vandal resistant

The **BS101L** is ideal for installation in warehouses, breezeways, canopies, service corridors and much more.

Configurations

MODEL-	LENGTH	OPERATION	POWER	COLOUR TEMP-	INPUT-	MOUNTING-	OPTIONS
BS101L	4 (4ft)	[BLANK] (AC only)	L (6038 lm)	3K ¹ (3000K)	S (120-277V)	[BLANK] (surface mount - std.)	SS (stainless steel clips)
			H (8797 lm)	35K (3500K)	C (347V)	[BLANK] (chain hang kit - std.)	IOS02 (internal 120-347V microwave step dimming sensor)
				4K (4000K)		JM ² (direct mount to J-box)	EOS02 (end mount on/off 120-347V)
				5K (5000K)			EOS07 (end mount on/off 120-277V IP65)
							EOS08 (end mount on/off 347V IP65)
							EOS09 (end mount on/off 120-277V)
							EOS10 (PIR, end mount, step dimming, 120-277V)
							90 (90+ CRI)
							LC (Line Cord)
							CT (Cabtire cord)
							TLP (Twist lock plug)

NOTE¹: longer lead time, contact factory; **NOTE²:** Voids IP65 rating

Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
EOS02	Acuity	SBOR-10-OEX-D-HVOLT
EOS07	Wattstopper	HB-350W
EOS08	Wattstopper	HB-340W
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.

DLC ID Table

MODEL	DLC ID	MODEL	DLC ID
BS101L-4H3K	PEDOZX6V	BS101L-4L3K	PV2KL2NF
BS101L-4H35K	PKNKITZU	BS101L-4L35K	P1N1CYAV
BS101L-4H4K	POCRUWS1	BS101L-4L4K	PEMV2PD9
BS101L-4H5K	P2RV65PR	BS101L-4L5K	PQOUBB82

BS101L

HOUSING:

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 3000K, 3500K, 4000K or 5000K colour temperatures. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L85 up to 54,000 hours.

POWER LINE/FEED:

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

WEIGHT:

9 lbs. / 4 kilo.

DIMMING:

0 - 10V dimming down to 1% is standard.

MOUNTING:

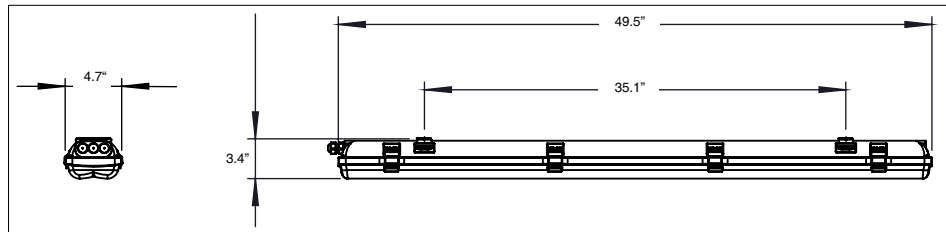
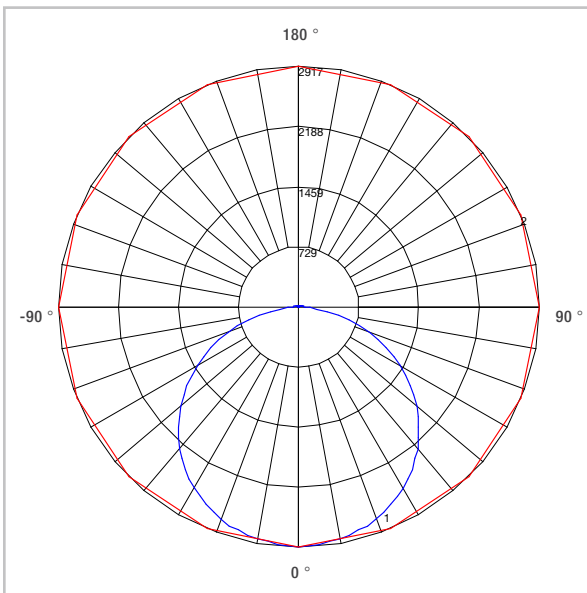
Surface mount configuration is standard with integrated stainless steel mounting brackets. Additional mounting systems are chain and direct to junction box configurations.

OPERATING TEMPERATURE:

AC only: -40°C to 40°C

WARRANTY:

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

Dimensions**BS101L-4H-5K****Luminous Intensity Distribution****Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-30	2307	26%
20-50	4221	48%
60-80	1650	19%
90-180	288	3%
0-180	8800	100%

Energy Chart

MODEL	LENGTH	COLOUR	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L85' (HOURS)
BS101L-4L-3K	4ft	3000K	136 lm/W	50	6038	80+	>54,000
BS101L-4L-35K	4ft	3500K	140 lm/W	50	6226	80+	>54,000
BS101L-4L-4K	4ft	4000K	143 lm/W	50	6361	80+	>54,000
BS101L-4L-5K	4ft	5000K	145 lm/W	50	6440	80+	>54,000
BS101L-4H-3K	4ft	3000K	131 lm/W	70	8248	80+	>54,000
BS101L-4H-35K	4ft	3500K	135 lm/W	70	8505	80+	>54,000
BS101L-4H-4K	4ft	4000K	138 lm/W	70	8689	80+	>54,000
BS101L-4H-5K	4ft	5000K	140 lm/W	70	8797	80+	>54,000

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

BS101L