

# BS101L

INDUSTRIAL

Type: \_\_\_\_\_

Project: \_\_\_\_\_

**Delivered Lumens:**  
6038 lm - 8800 lm

**Input Wattage:**  
45W & 63W

**Efficacy:**  
Up to 145 lm/W

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

**Projected Lumen Maintenance:**  
L<sub>80</sub> @ >54,000 hrs.

The **BS101L** 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

Unique three piece design that allows effortless assembly without any tools

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 (6442 lm)	1'3K (3000K)	S (120-277V)	[BLANK] (surface mount - std.)	SS (stainless steel clips)
			H (8800 lm)	35K (3500K)	C (347V)	[BLANK] (chain hang kit - std.)	<sup>1</sup> IOS02 (microwave, internal, step-dimming, 120-347V (26' MH)
			4K (4000K)			<sup>2</sup> JM (direct mount to J-box)	EOS05 (end mount on/off 120-347V)
			5K (5000K)			<sup>3</sup> SPK (single pendant kit)	EOS07 (end mount on/off 120-277V IP65)
						<sup>4</sup> DPK (double pendant kit)	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)
							<sup>5</sup> LC (Line Cord)
							<sup>5</sup> CT (Cabtire Cord)
							TLP (Twist lock plug)

**NOTE<sup>1</sup>:** longer lead time, contact factory; **NOTE<sup>2</sup>:** Voids IP65 rating; **NOTE<sup>3</sup>:** SPK min 6"; **NOTE<sup>4</sup>:** DPK 12" minimum-8" maximum, 12" increments only; **NOTE<sup>5</sup>:** must specify length: 6ft or 10ft; **NOTE<sup>6</sup>:** LC is not available in 347V; **NOTE<sup>7</sup>:** refer to Energy Chart for all LM output; **NOTE<sup>8</sup>:** Microwave occupancy sensor.

## Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
EOS05	Wattstopper	HBP-112-L7-EM1-OEM
EOS07	Wattstopper	HB-350W
EOS08	Wattstopper	HB-340W

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 Accessories

MODEL	DESCRIPTION	MODEL	DESCRIPTION
50001041	<sup>1</sup> single pendant kit 12"	DPK12	double pendant kit 12"
50001042	<sup>1</sup> single pendant kit 18"	DPK24	double pendant kit 24"
50001043	<sup>1</sup> single pendant kit 24"	DPK36	double pendant kit 36"
50001044	<sup>1</sup> single pendant kit 36"	DPK48	double pendant kit 48"
50001045	<sup>1</sup> single pendant kit 48"	DPK96	double pendant kit 96"
JM	junction box mount		

**NOTE<sup>1</sup>:** PK & SVLPK, options, min 6"  
**NOTE<sup>2</sup>:** specify length for AC: 50", 72", 150", 250" fully adjustable

## 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.

**WEIGHT:**

9 lbs. / 4 kilo.

**SANITATION LISTED:**

Equivalent to the NSF standard 2. The **BS101L** is suitable for use in food equipment environments.

**ELECTRICAL:**

Available in 3000K, 3500K, 4000K or 5000K colour temperatures. High efficiency driver operates 120V through 277V or 347V, 50-60HZ. L85 up to 54,000 hours.

**AC POWER CONNECTION:**

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

**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.

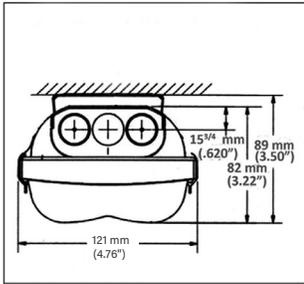
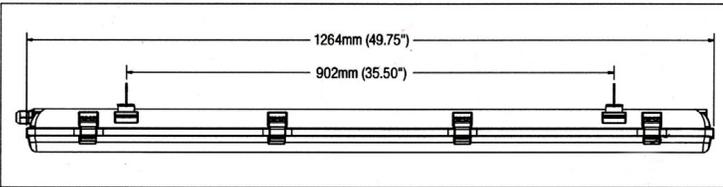
**OPERATING TEMPERATURE:**

AC only: -40°C to 40°C

**WARRANTY:**

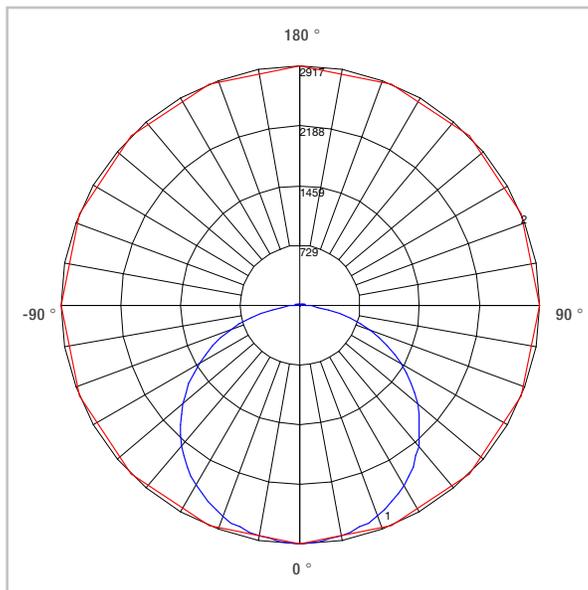
5 year LED warranty, see website for full warranty details.

**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%

PHOTOMETRIC DATA

BS101L



## Energy Chart

MODEL	LENGTH	COLOUR	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L85 <sup>1</sup> (HOURS)
BS101L-4L-3K	4ft	3000K	136 lm/W	45	6038	80+	>54,000
BS101L-4L-35K	4ft	3500K	140 lm/W	45	6225	80+	>54,000
BS101L-4L-4K	4ft	4000K	143 lm/W	45	6358	80+	>54,000
BS101L-4L-5K	4ft	5000K	145 lm/W	45	6442	80+	>54,000
BS101L-4H-3K	4ft	3000K	131 lm/W	63	8248	80+	>54,000
BS101L-4H-35K	4ft	3500K	135 lm/W	63	8503	80+	>54,000
BS101L-4H-4K	4ft	4000K	138 lm/W	63	8685	80+	>54,000
BS101L-4H-5K	4ft	5000K	140 lm/W	63	8800	80+	>54,000

**NOTES:** Actual performance may vary between +/-5% of initial lumen output **NOTE<sup>1</sup>:** Calculated as per TM-21-11. Limited by 6X LM80 test duration.