

BS101LR

RETROFIT KIT

Delivered Lumens:
6038 lm - 8800 lm

Input Wattage:
45W & 63W

Efficacy:
Up to 145 lm/W

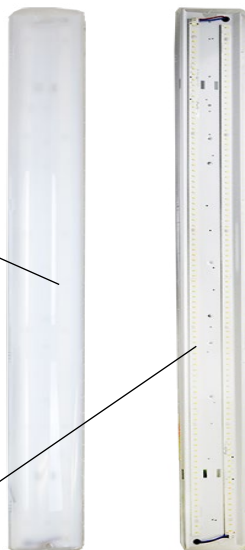
Colour Temperatures:
3000K, 3500K, 5000K

Projected Lumen Maintenance:
L₈₀ @ >54,000 hrs.

A quick LED upgrade system for your existing fluorescent BS101 units.

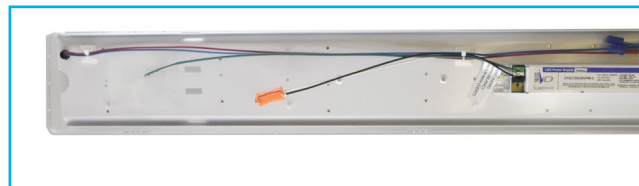
The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution

Electrical assembly holds the LED modules and power supply



Type: _____

Project: _____



Back of electrical assembly includes LED power supply and hot-load disconnect



Fully assembled product

Configurations

MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	OPTIONS
BS101LR	4 (4ft)	[BLANK] (AC only)	LO	3K (3000K)	S (120-277V)	² IOS02 (microwave, internal, step-dimming, 120-347 (26' MH)
			HO	35K (3500K)	C (347V)	90 (90+ CRI)
				5K (5000K)		¹ D DALI Driver

NOTE¹: Contact factory for DALI models for availability. **NOTE²:** Microwave occupancy sensors.

Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
IOS02	Merrytek	MC083S-RC

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. Externally mounted sensors will be shipped separately.

DLC ID Table

MODEL	DLC ID	MODEL	DLC ID
BS101LR-4H3K	P7IEKUDY	BS101LR-4L3K	PL8HC6N1
BS101LR-4H35K	P73RPNP1	BS101LR-4L35K	POU22093
BS101LR-4H5K	PIN2GTIE	BS101LR-4L5K	P127FGFM

RETROFIT KIT:

A quick upgrade system for your existing fluorescent BS101 units. Designed to easily snap into the existing BS101 housing. Engineered to save you time and labour. Includes the polycarbonate diffuser, the steel reflector, LED modules and driver.

AC POWER CONNECTION:

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

WEIGHT:

4.8 lbs. / 2.18 kilo.

REFLECTOR:

Flat steel reflector system finished in durable white powder coat.

DIFFUSER:

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

ELECTRICAL:

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

DIMMING:

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

OPERATING TEMPERATURE:

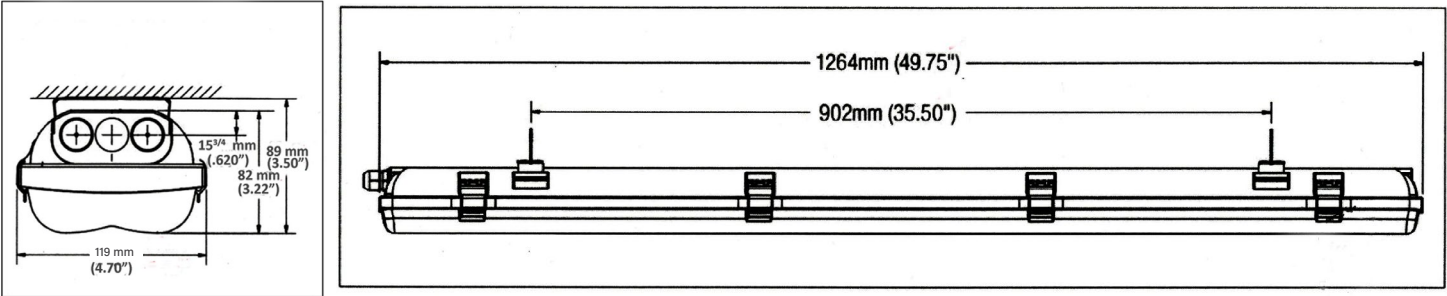
AC only: -40°C to 40°C

WARRANTY:

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

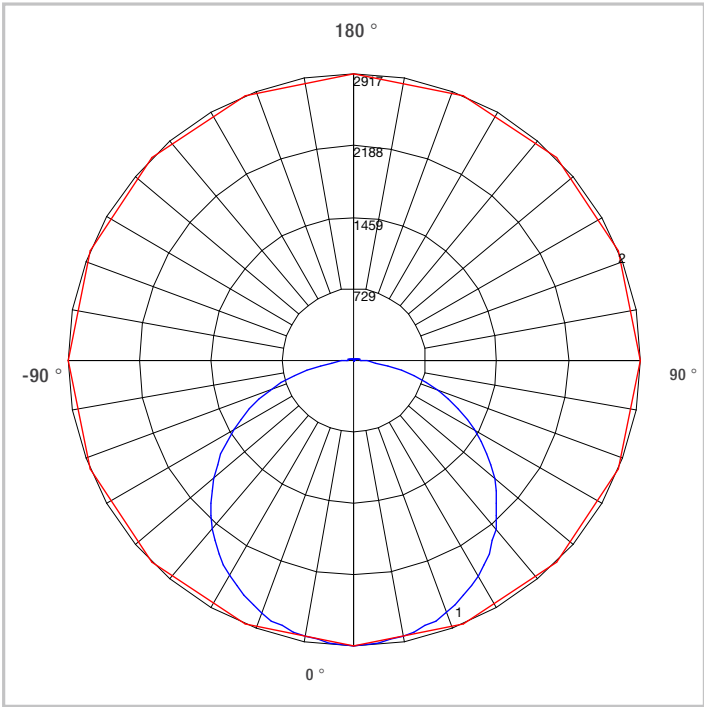
BS101LR

Dimensions



BS101LR-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)
BS101LR-4L-3K	4ft	3000K	136 lm/W	45	6038	80+	>54,000
BS101LR-4L-35K	4ft	3500K	140 lm/W	45	6225	80+	>54,000
BS101LR-4L-5K	4ft	5000K	145 lm/W	45	6442	80+	>54,000
BS101LR-4H-3K	4ft	3000K	131 lm/W	63	8248	80+	>54,000
BS101LR-4H-35K	4ft	3500K	135 lm/W	63	8503	80+	>54,000
BS101LR-4H-5K	4ft	5000K	140 lm/W	63	8800	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.