

# BS400 PLUS

CANOPY

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

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

**Delivered Lumens:**  
10,100 - 13,000 lm

**Input Wattage:**  
80W & 100W

**Efficacy:**  
Up to 135 lm/W

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

**Projected Lumen Maintenance:**  
L<sub>80</sub> @ >60,000 hrs.



Narrow 3" profile

Surface mount standard; chain, trunion, aircraft cable and pendant mounting optional

Microprismatic polycarbonate diffuser provides optimized light distribution and glare reduction.

The **BS400 PLUS** is wet location, IP66 rated. Durable powder coated cast housing construction provides resistance against moisture, dust and corrosion.

The **BS400 PLUS** is ideal for lowbay applications such as under canopies, gas stations, covered drive-thrus, walkways, garages and entrances.

## Configurations

MODEL	OPERATION	LUMENS	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BS400LED-PLUS	HT (AC only)	LO (10,100)	WT30 (3000K)	120-277V	[blank] (surface, std.)	FP (fuse protection)
		MO (13,000)	WT40 (4000K)	347V	AC <sup>1</sup> (aircraft cable)	SP (5 kV at 10kA surge protection)
			WT50 (5000K)		PK (single pendant kit)	EM <sup>3</sup> (AC & Emergency)
					TM (trunion mount)	IOS01 (microwave, internal, on/off 120-277 (15' MH)
					CH <sup>2</sup> (chain kit)	IOS02 (microwave, internal, step-dimming, 120-347 (26' MH)

**NOTE<sup>1</sup>:** specify length for AC: 50", 72"; **NOTE<sup>2</sup>:** chain kit does not include chain (by others) **NOTE<sup>3</sup>:** EM option is remote mounted; not available in 347V.

## Pre-Built Inventory

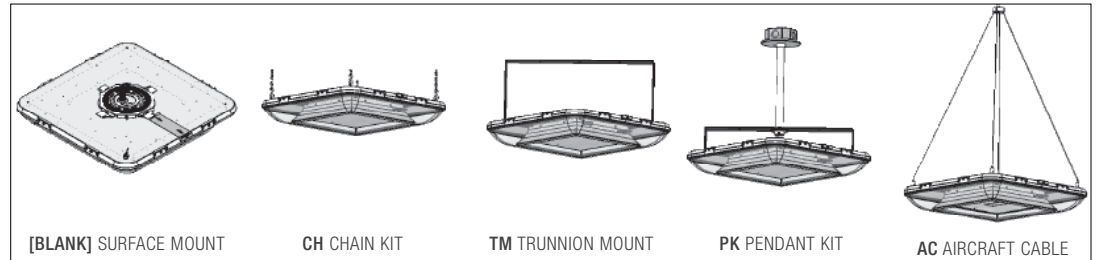
ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
19001158	BS400LEDPLUSHTLOWT40-120277V	BS400 PLUS, AC ONLY 0-10V DIMMING 80W 4000K IP66 120-277V
19001159	BS400LEDPLUSHTMOWT40-120277V	BS400 PLUS, AC ONLY 0-10V DIMMING 100W 4000K IP66 120-277V

## BS400 Plus Accessories

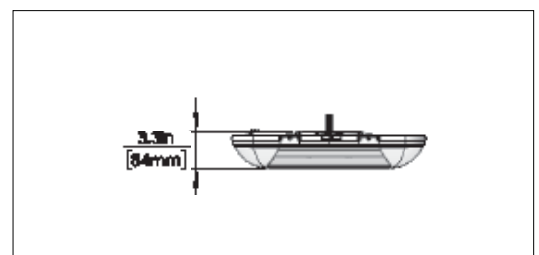
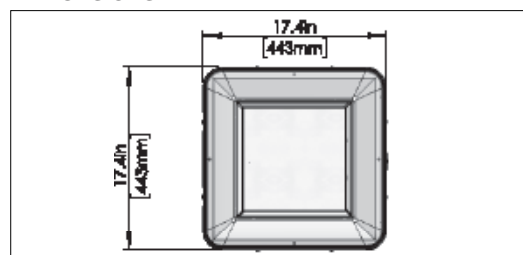
MODEL	DESCRIPTION
50001152	Aircraft Cable 50"
50001169	Aircraft Cable 72"
50001158	Single Pendant Kit 12"
50001160	Single Pendant Kit 18"
50001162	Single Pendant Kit 24"
50001164	Single Pendant Kit 36"
50001166	Single Pendant Kit 48"
CH	chain kit
TM	trunion mount

**NOTE<sup>1</sup>:** chain supplied by others

## Mounting



## Dimensions



## BS400 PLUS

**HOUSING:**

- Cast aluminum
- Grey powder coat finish
- Durable silicon perimeter gasket

**ELECTRICAL:**

- AC Input: 120-277V, 50-60Hz
- AC Input: 347V, 50-60Hz

**MOUNTING:**

Surface mount configuration is standard with a twist-lock mounting bracket. Additional mounting systems offered include aviation cable, chain, trunnion and pendant.

**OPERATING TEMPERATURE:**

HT: -40°C to +50°C  
EM: 0°C to +50°C

**DIMMING:**

0 - 10V dimming is standard, 5%-100%.  
Compatible with most dimming systems.

**POWER LINE/FEED:**

72" black, 18AWG, 300/600V, 5 conductor cord with 1/2" pre-stripped leads for quick in-field connection.

**WEIGHT:**

14 lbs. / 6.4 kg.

**DIFFUSER:**

UV stabilized, microprismatic polycarbonate diffuser eliminates glare and enhances distribution.

**WARRANTY:**

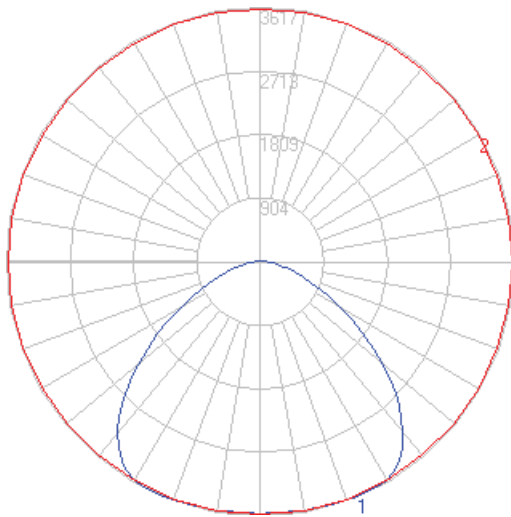
5 year LED warranty, see website for full warranty details.

**EMERGENCY BACKUP:**

SA - 1251 lm  
EM - 2190 lm

**BS400LED-PLUS-LO-WT40**

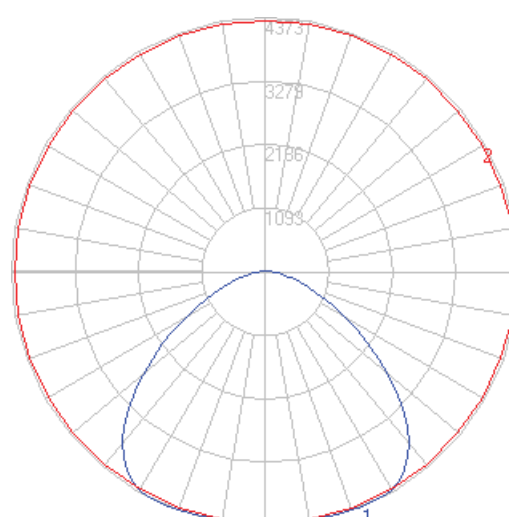
Luminous Intensity Distribution

**Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-20	1363	13%
0-40	5181	49%
0-60	8897	84%
60-90	1615	15%
0-180	10659	100%

**BS400LED-PLUS-MO-WT40**

Luminous Intensity Distribution

**Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-20	1646	13%
0-40	6260	49%
0-60	10755	84%
60-90	1954	15%
0-180	12887	100%

PHOTOMETRIC DATA

**Energy Chart**

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L85 HOURS
BS400LED-PLUS-LO-WT30	126 lm/W	80W	10,110	>80	60,000
BS400LED-PLUS-LO-WT40	133 lm/W	80W	10,659	>80	60,000
BS400LED-PLUS-LO-WT50	135 lm/W	80W	10,815	>80	60,000
BS400LED-PLUS-MO-WT30	122 lm/W	100W	12,225	>80	60,000
BS400LED-PLUS-MO-WT40	129 lm/W	100W	12,887	>80	60,000
BS400LED-PLUS-MO-WT50	131 lm/W	100W	13,077	>80	60,000

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