

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:
L₈₅@ >60,000 hrs.



Narrow 3" profile

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

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.

Microprismatic polycarbonate diffuser provides optimized light distribution and glare reduction.

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 ¹ (aviation cable)	SP (5 kV at 10kA surge protection)
			WT50 (5000K)		PK ² (pendant kit)	EM ³ (AC & Emergency)
					TM (trunnion mount)	IOS01 (microwave, internal, on/off 120-277 (15' MH)
					CH ³ (chain kit)	IOS02 (microwave, internal, step-dimming, 120-347 (26' MH)

NOTE¹: specify length for AC: 50", 72", 150", 250" fully adjustable; **NOTE²:** PK option, min 6"; **NOTE³:** chain kit does not include chain (by others) **NOTE⁴:** 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

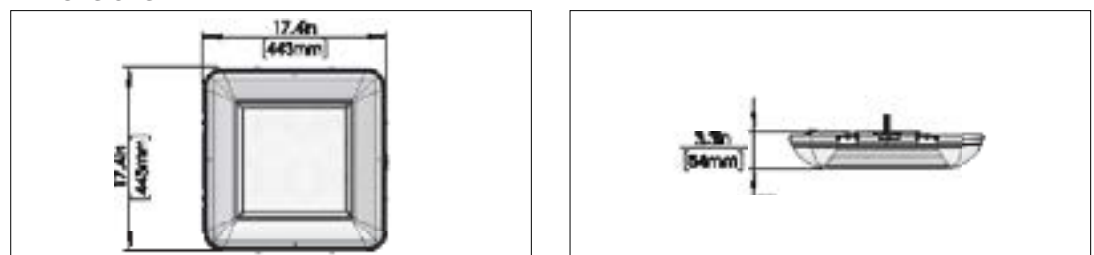
MODEL	DESCRIPTION
AC50	² aviation cable 50"
AC72	² aviation cable 72"
AC100	² aviation cable 100"
AC150	² aviation cable 150"
AC250	² aviation cable 250"
50001041	¹ pendant kit 12"
50001042	¹ pendant kit 18"
50001043	¹ pendant kit 24"
50001044	¹ pendant kit 36"
50001045	¹ pendant kit 48"
CH	³ chain kit
TM	trunnion mount

NOTE¹: PK & SVLPK, options, min 6"
NOTE²: specify length for AC: 50", 72", 150", 250" fully adjustable
NOTE³: 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:

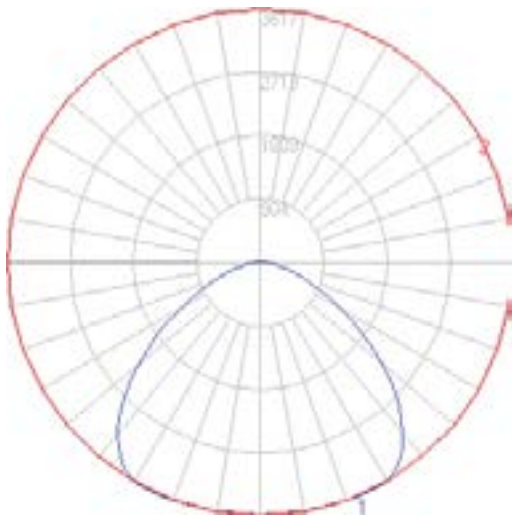
5 year LED warranty, see website for full warranty details.

EMERGENCY BACKUP:

SA - 1251 lm
EM - 2190 lm

BS400LED-PLUS-LO-WT40

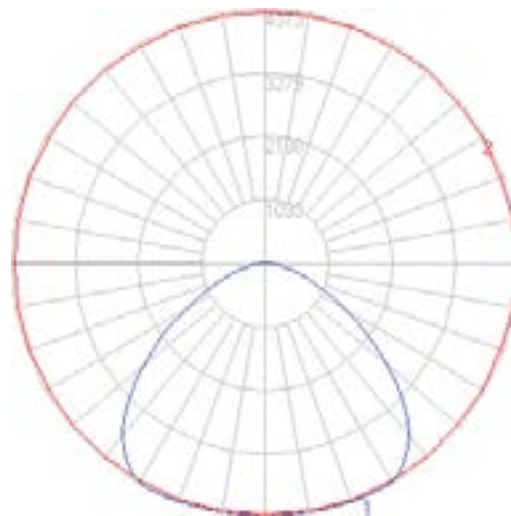
Luminous Intensity Distribution

**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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