

SPECIFICATIONS

UL, CUL CERTIFICATE

E26, E39 BASE

360° LIGHTING, HIGH CRI

IP64 WATERPROOF RATING

BIG HEAT SINK

INTERNAL DRIVER, INPUT VOLTAGE 110-277V

NEW STYLE AND HIGH EFFICIENT WIDE-RANGE INPUT

LONG LIFESPAN AND GOOD HEAT DISSIPATION

DIRECT REPLACEMENT FOR METAL HALIDE

FITS MANY DIFFERENT FIXTURES TO REPLACE TRADITIONAL LAMPS

EASY INSTALLATION

UL US
LISTED
E465717



APPLICATIONS

Widely used in supermarkets, warehouses, garages, houses, offices, hotels, hospitals, schools, streets, gardens, etc.



100 watt corn bulb

PERFORMANCE INFORMATION

PART NO.	LUMEN	LUMEN EFFICIENCY	CRI
CPS-CB-100W-UL-E26-	13000-14500	130-145 LM/W	>80
CPS-CB-100W-UL-E39-	13000-14500	130-145 LM/W	>80

TECHNICAL CHARACTERISTICS

COVER	CLEAR
COLOR TEMPERATURE	3000K, 4000K, 5000K
INPUT VOLTAGE	AC110-277 50/60Hz
WATERPROOF RATING	IP64
PFC	>0.9
EQUIVALENT	200W CFL, 250W MHL/HPS/HID
HOUSING	PC+AL (FIN)
HOUSING COLOR	WHITE + GREY
OPERATING TEMPATURE	~20°C TO 45°C
OPERATING HUMIDITY	20%-70% RH
STORAGE TEMPERATURE	~30°C TO 80°C
STORAGE HUMIDITY	10%-75% RH
APPLICATION	INDOOR/OUTDOOR
WARRANTY	5 YEARS

ORDER INFORMATION

SERIES	WATTAGE	VOLTAGE UL = 110-277V	BASE	KELVIN 50 = 5000K
CPS-CB-	100W	UL	E26	30
			E39	40
				50

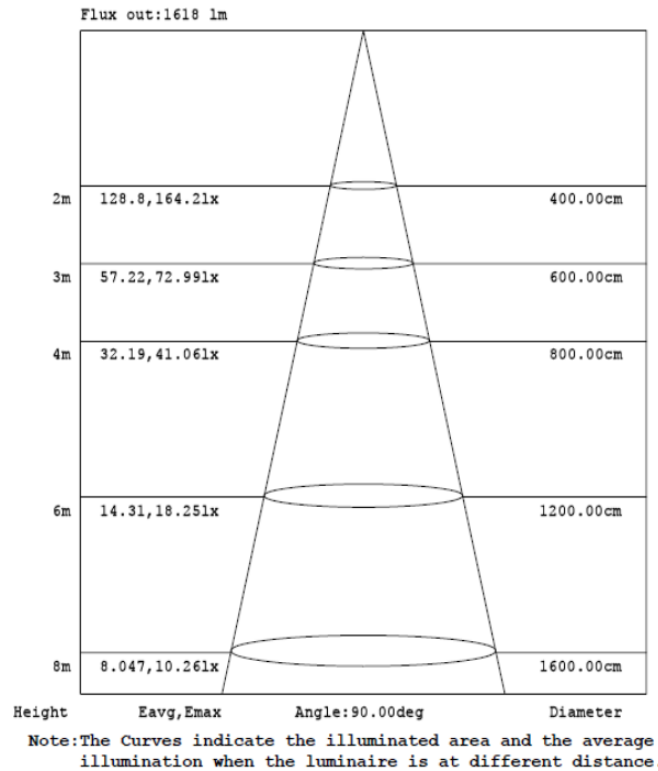
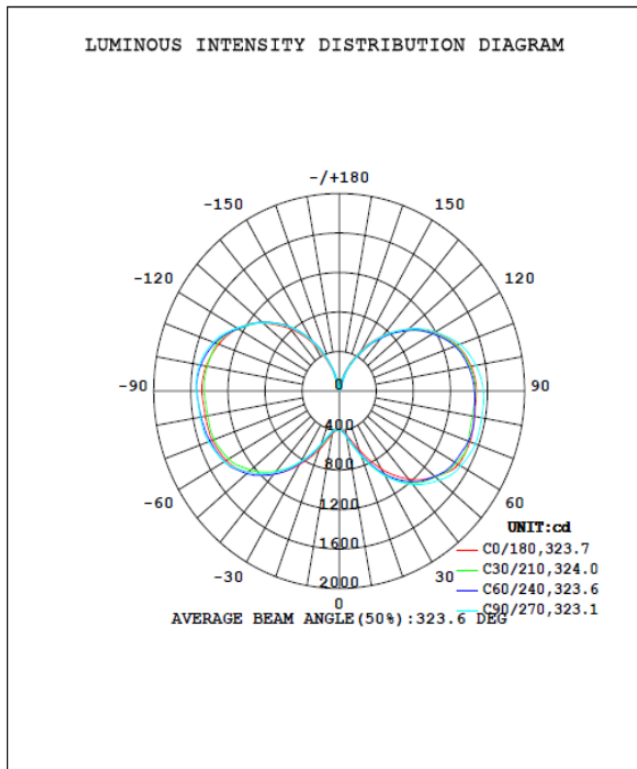
EXAMPLE: CPS-CB-100W-UL-E39-50

CPSLED.COM + 843.407.6803 + SALES@CPSLED.COM

PHOTOMETRIC

Remark: The testing data comes directly from the product test.

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 143.46 lm/W
MODEL		I _{max} (cd)	1566	S/MH (C0/180)		3.15
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)		3.19
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	14422	η UP, DN (C0-180)		22.4, 27.5
NOMINAL FLUX (lm)	14422.3	CIE CLASS	DIFFUSE	η UP, DN (C180-360)		23.2, 26.9
LAMPS INSIDE	1	η up (%)	45.6	CIBSE SHR NOM		2.00
TEST VOLTAGE (V)	120	η down (%)	54.4	CIBSE SHR MAX		0.00



PACKAGING

	SIZE	QTY/ CARTON	NET WEIGHT/ CARTON	GROSS WEIGHT/ CARTON
INNER BOX	320*150*150 MM	1 PC	1.13 KG	1.33 KG
OUTER BOX	465*315*340 MM	6 PCS	6.8 KG	8.8 KG

INSTALLATION

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, please make sure the wiring section is insulated.
- Make sure to remove or bypass the ballast in the fixtures before install the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 340*200*200MM.
- Non-professionals, must not install and disassemble the lamps.

