CPS LED LIGHTING

Applications:

Factories

Construction sites

Stadiums

Supermarkets

Retrofit B Lamp Series

The Retrofit B Lamp is an excellent solution for exterior lighting, with several features designed around outdoor use. Utilizing a mosquito interference effect and a dust-proof structure, it is built to withstand the elements.

Along with a heat-resistant driver, and various surge immunity levels, this lamp is built to provide continuous and stable lighting.

ORDER INFORMATION				
SERIES	WATTAGE (W)	VOLTAGE UL=110-277V	BASE	KELVIN 50=5000K
CPS-RL-B	60W-	UL-	E39/EX39-	35/40/50
	80W-	UL-	E39/EX39-	35/40/50
	100W-	UL-	E39/EX39-	35/40/50
	120W-	UL-	E39/EX39-	35/40/50
EXAMPLE: CPS-RL-B-60W/80W/100W/120W-UL-E39-35/40/50				
DLC Model# CPS-RL-B-60W/80W/100W/120W-UL-E39-35/40/50				

SPECIFICATIONS

60W/80W/100W/120W

UL, CUL, DLC5 Certificate

Internal driver, input voltage 100-277 VAC

Meet 4-6kV surge immunity level

E39/EX39 lamp base

Long lifespan, great heat dissipation

Light is soft and uniform, safe to eyes

Fits many different fixtures to replace traditional lamps

Green and eco-friendly, without mercury

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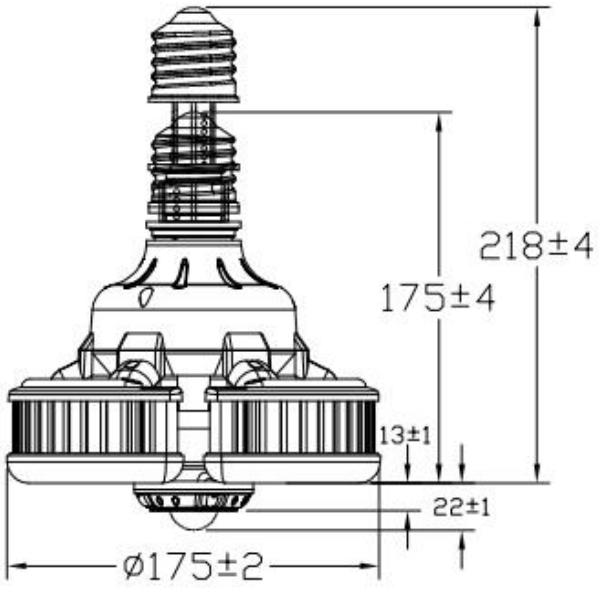
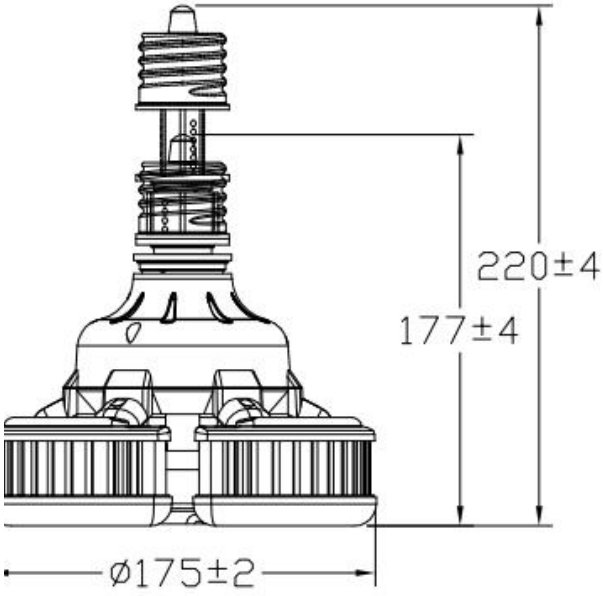
TECHNICAL CHARACTERISTICS				
	60W	**80W**	**100W**	**120W**
Color Temperature	3500/4000/5000 K	3500/4000/5000 K	3500/4000/5000 K	3500/4000/5000 K
Input voltage	60W	80W	100W	120W
Lumens	7659-7923 LM	10223-10609 LM	12906-13362 LM	15592-16100 LM
Lumen efficiency	126-131 LM/W	127-131 LM/W	127-132 LM/W	129-133 LM/W
Waterproof rating	IP64	IP64	IP64	IP64
CRI	>80	>80	>80	>80
PFC	≥0.9	≥0.9	≥0.9	≥0.9
Viewing angle	100°	113°	115°	113°
Operating temperature	-40°F-122°F	-40°F-122°F	-40°F-122°F	-40°F-122°F
Operating humidity	20%-70%	20%-70%	20%-70%	20%-70%
Storage temperature	-40°F-122°F	-40°F-122°F	-40°F-122°F	-40°F-122°F
Storage humidity	10%-75%	10%-75%	10%-75%	10%-75%
Application	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Equivalent	120W CFL, 175W MHL/HPS/HID	150W CFL, 250W MHL/HPS/HID	200W CFL, 250W MHL/HPS/HID	200W CFL, 400W MHL/HPS/HID
L70 Life	Projected 100,000 hours	Projected 100,000 hours	Projected 100,000 hours	Projected 100,000 hours
Warranty	7 years	7 years	7 years	7 years

MATERIALS	
Housing	Aluminum + PC
Housing color	Black





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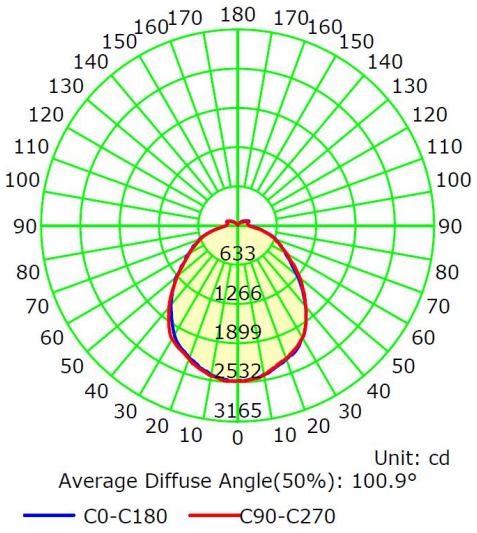
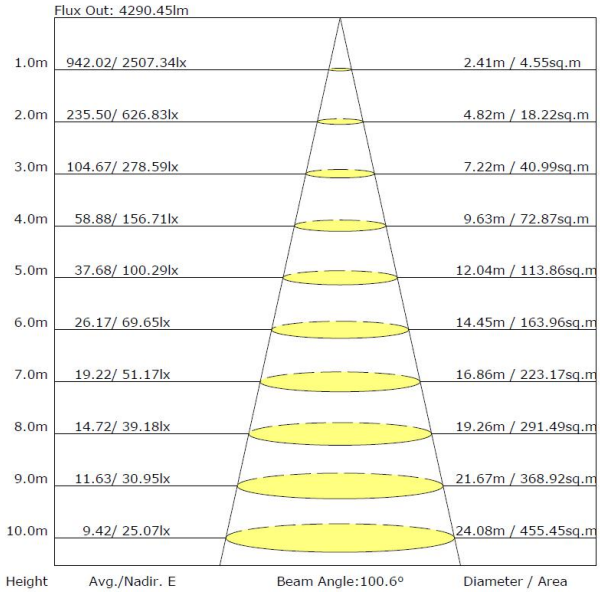
Photometric:

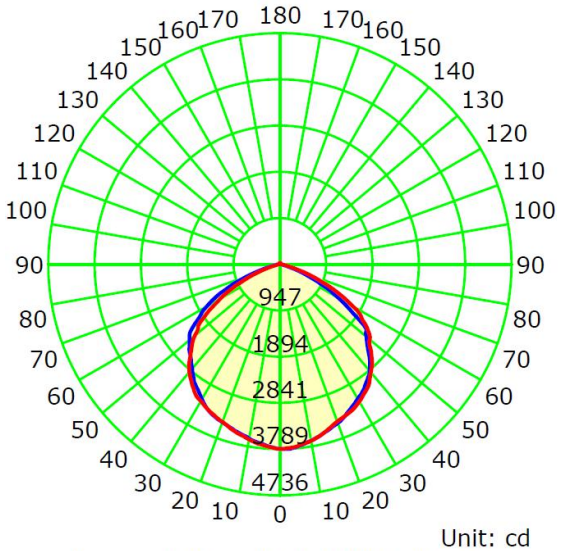
Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Luminous Intensity Distribution Curve



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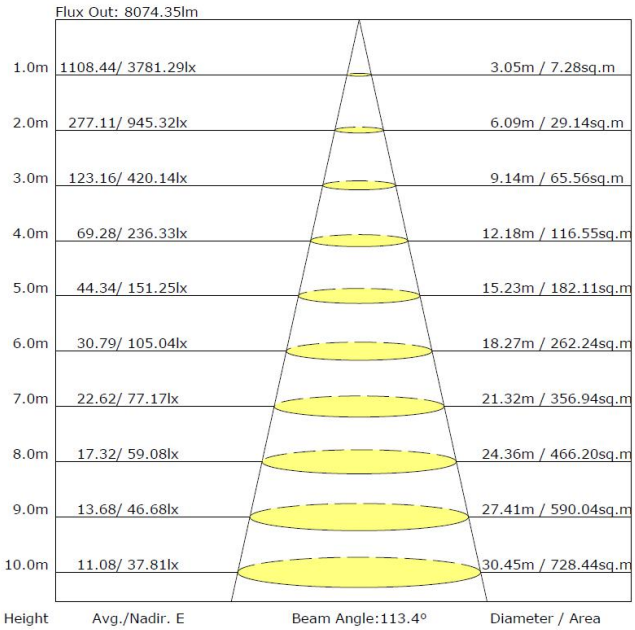

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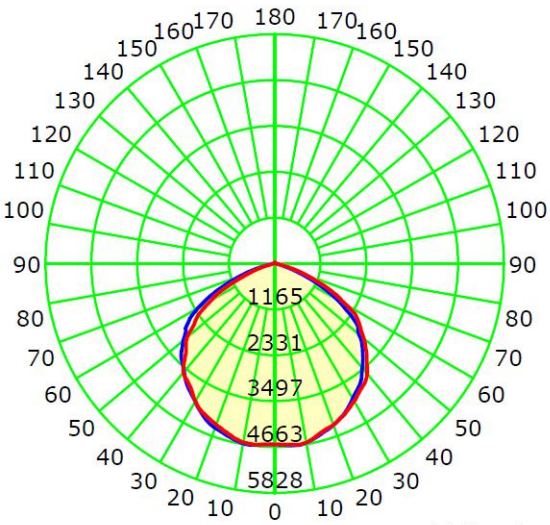
Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 115.1°

C0-C180 C90-C270

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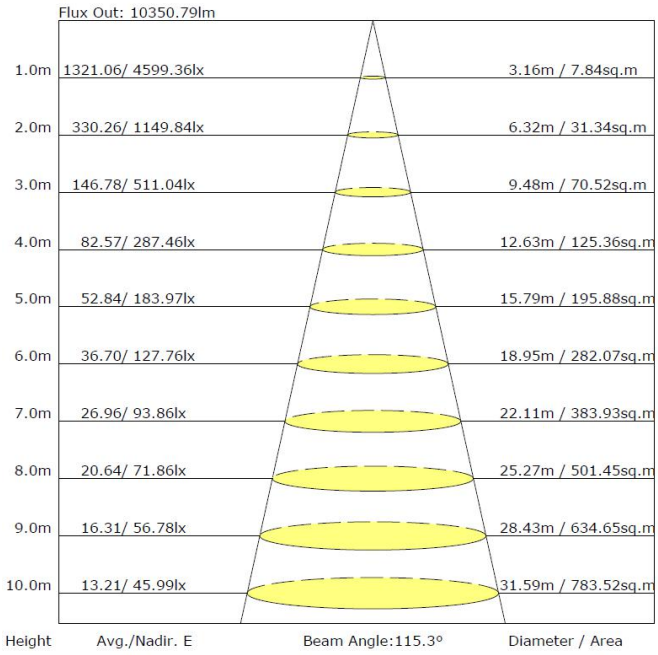
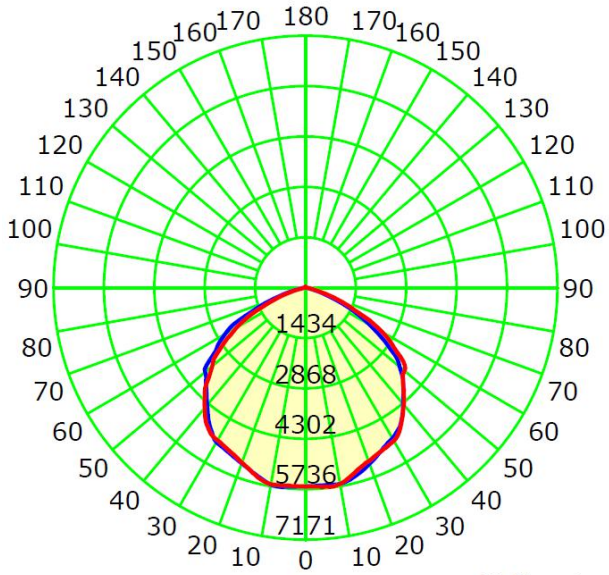


Luminous Intensity Distribution Curve

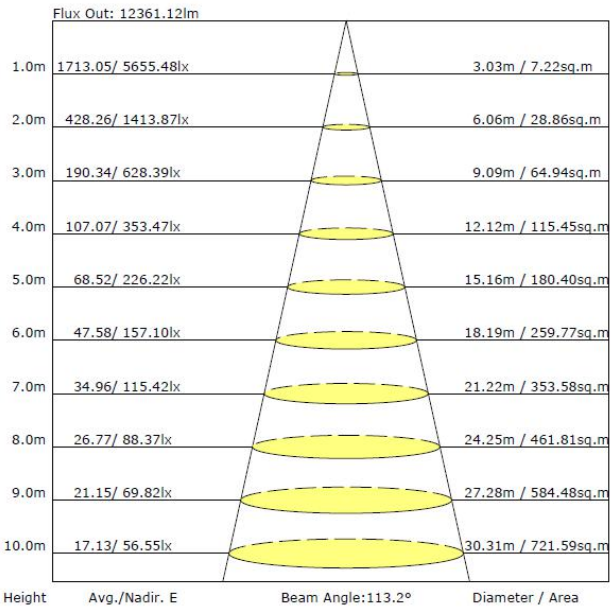


Unit: cd

Average Diffuse Angle(50%): 113.1°

C0-C180 C90-C270

The Average Illuminance Effective Figure



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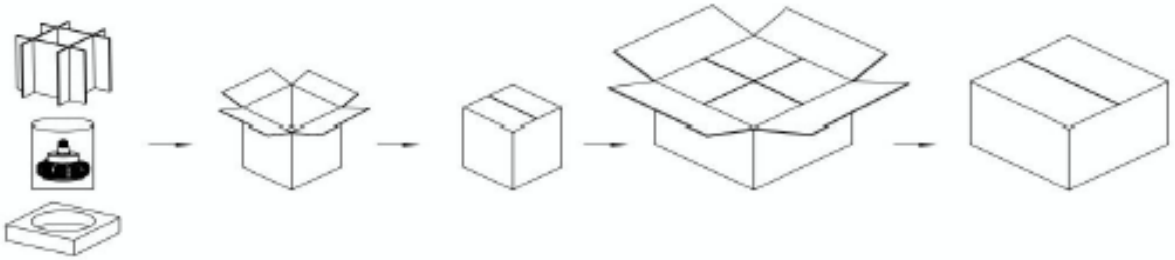
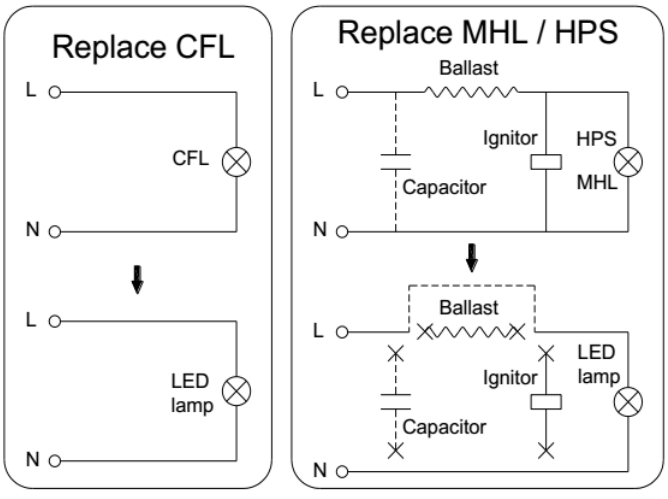
PACKAGING INFORMATION						
MODEL	WATTAGE	SIZE (Inches)		QTY/CTN	N.W (lbs)	G.W (lbs)
CPS-RL-B	60	Inner Box	7.87*7.87*8.85	1	2.31	3.13
		Outer Box	16.53*16.53*9.64225	4	9.25	13.77
	80W	Inner Box	8.85*8.85*9.44	1	3.2	3.9
		Outer Box	18.50*18.50*10.23	4	12.9	18.1
	100W	Inner Box	10.43*10.43*9.64	1	3.7	4.7
		Outer Box	21.65*21.65*10.43	4	15.0	21.2
	120W	Inner Box	10.43*10.43*9.64	1	3.7	4.7
		Outer Box	21.65*21.65*10.43	4	15.0	21.2



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 installing the lamps.
Suitable for damp locations. Do not use with dimmers.
Suitable for enclosed luminaires.



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