

CPS LED LIGHTING

Applications:

Outdoor sports courts

Stadiums

Warehouses

Factories

Workshops

Gymnasiums

Supermarkets



300W Compact Flood

The Compact Flood offers the brightness of a standard flood light, at the added bonus of having a more compact design. This allows it to have a larger variety of applications, as does the selection of different bases and customizable color temperature.

The light, while also being equipped for large spaces, is eco-friendly and reliable.

ORDER INFORMATION

SERIES	WATTAGE (W)	VOLTAGE UL = 120-277V	KELVIN 50=5000K
CPS-FL-	300W-	UL-	30/40/50
EXAMPLE: CPS-FL-300W-UL-XX			
DLC Model# CPS-FL-300W-UL-XX			

SPECIFICATIONS

UL, CUL Certificate
IP65 internal driver, input voltage 120-347 VAC
No UV or IR in the beam
Easy to install and operate
Long lifespan
Light is soft and uniform, safe on eyes
Instant start, no flickering, no humming
Green and eco-friendly, without mercury



CPS LED LIGHTING

843-407-6803

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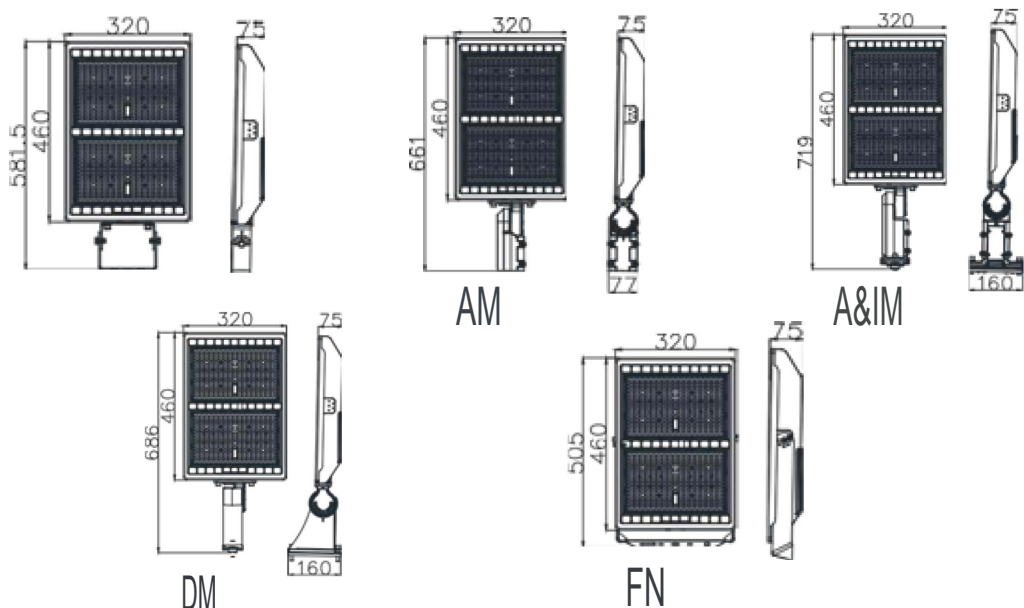
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TECHNICAL CHARACTERISTICS

Color temperature	3000K, 4000K, 5000K
Input voltage	AC120-277VAC 50/60Hz
Lumens	42000-45000 LM
Lumen Efficiency	140-150 LM/W
Waterproof rating	IP65
CRI	>70
PFC	>0.9
Viewing angle	7H6V
Operating temperature	-40°F to 122°F
Operating humidity	10%-90% RH
Storage temperature	~86°F to 176°F
Storage humidity	10%-95%
Application	Indoor/outdoor
L70 Life	Projected 100,000 hours
Warranty	5 years

MATERIALS

Housing	Aluminum alloy
Housing color	Black
Cover	Lens



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Photometric:

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 2.462 A
 Power Factor: 0.998

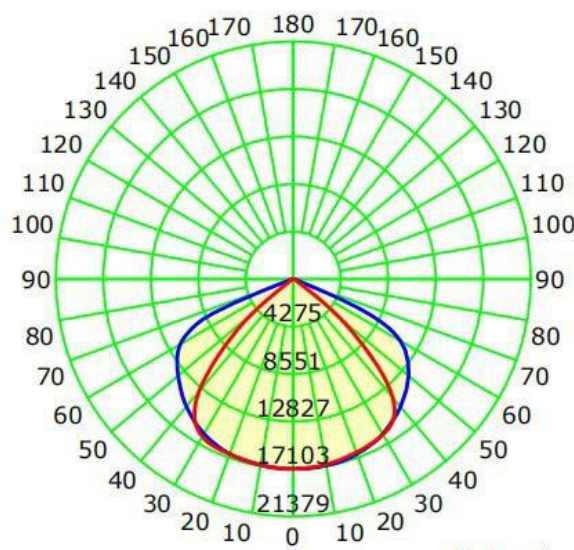
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.6 V
 Power: 296.60 W

Photometric Results

IES Classification: Type II
 Total Rated Lamp Lumens: 42254.0 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 17086.87 cd
 Pos of Max. Intensity: H270 V2

Longitudinal Classification: Very Short
 Measurement Flux: 42254 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 142.51
 Max. Intensity: 17103.83 cd

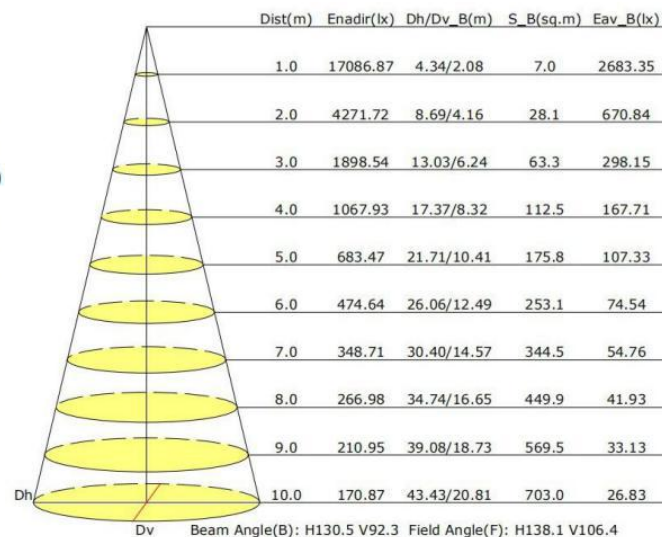
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 111.4°

— C0-C180 — C90-C270

Illuminance at a Distance



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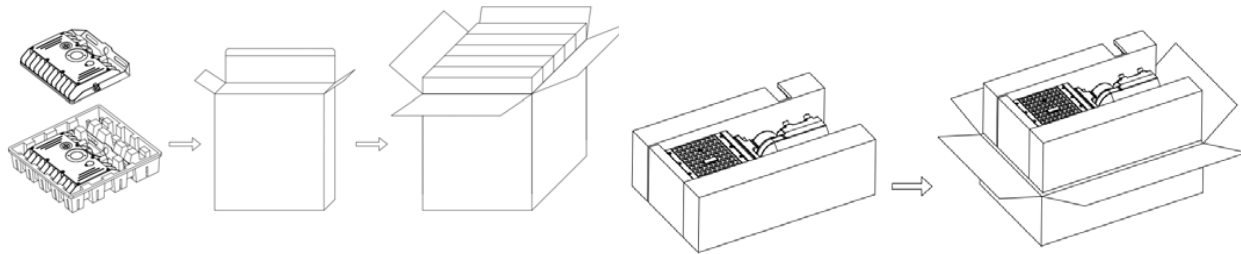
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Packaging Information::

MOUNT TYPE	LAMP NET WEIGHT (lbs)	SIZE (Inches)	QTY/CARTON	GROSS WEIGHT (lbs)
AM	23.58	31.18*14.56*14.56	1 PC	26.01
DM	22.7	31.18*14.56*14.56	1 PC	25.35
YM	22.26	31.18*14.56*14.56	1 PC	24.69
FM	22.7	27.04*15.03*6.49	1 PC	24.91
AM & DM	23.8	31.18*14.56*14.56	1 PC	26.45



TROUBLESHOOTING

<u>Troubles</u>	<u>Check points</u>
Light flickering	Turn off power and turn on again in three minutes
Not working	Check the connection

NOTICE FOR USER

Please turn off power before installing or changing assembly parts.
The input voltage and lamps should be matched, after connecting the power line.
Please make sure the wiring section is insulated.



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