CPS LED LIGHTING

Applications:

Outdoor sports courts

Stadiums

Warehouses

Factories

Workshops

Gymnasiums

Supermarkets

150W 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.

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-	150W-	UL-	50
EXAMPLE: CPS-FL-150W-UL-XX			
DLC Model# CPS-FL-150W-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

TECHNICAL CHARACTERISTICS

Color temperature	3000K, 4000K, 5000K
Input voltage	AC120-347 50/60Hz
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
Product dimensions	9.13*8.85*5.19
L70 Life	Projected 100,000 hours
Warranty	5 years

LUMENS

3000K	18750 -20250 LM
4000K	20250-21750 LM
5000K	19500-20500 LM

MATERIALS

Housing	Aluminum alloy
Housing color	Black
Cover	Lens
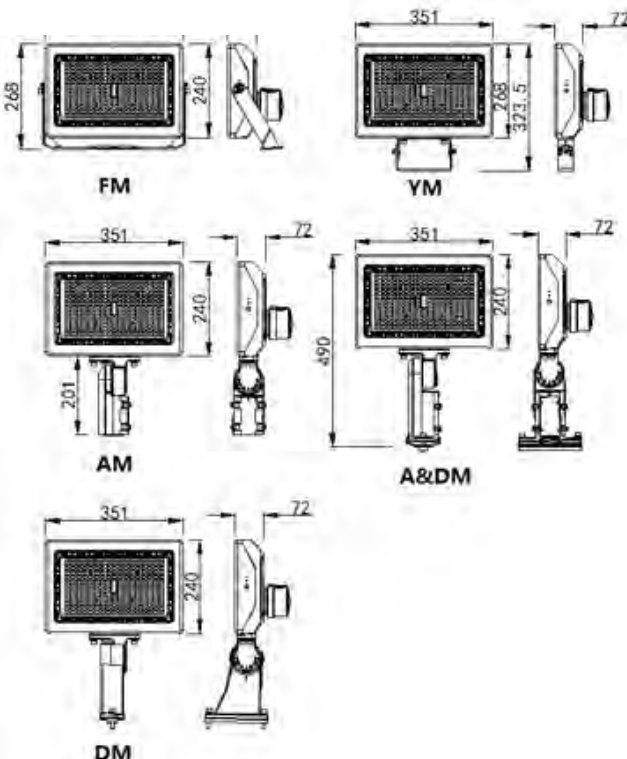
FM

YM

AM

A&DM

DM

Photometric:

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.8 V
Power: 151.30 W

Current: 1.253 A
Power Factor: 0.998

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 20500.1 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 8479.51 cd
Pos of Max. Intensity: H90 V18

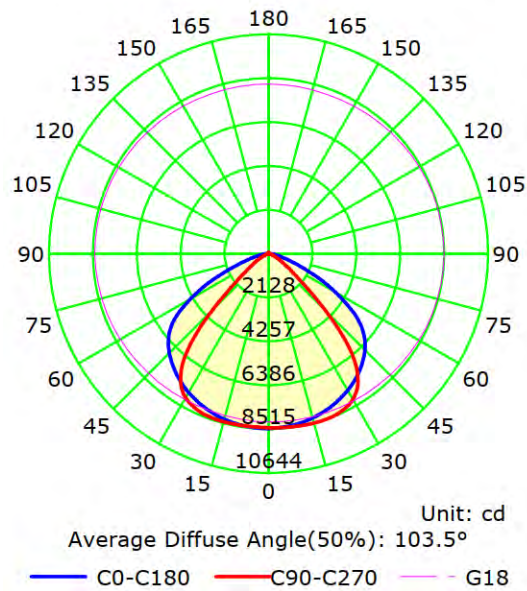Longitudinal Classification: Very Short
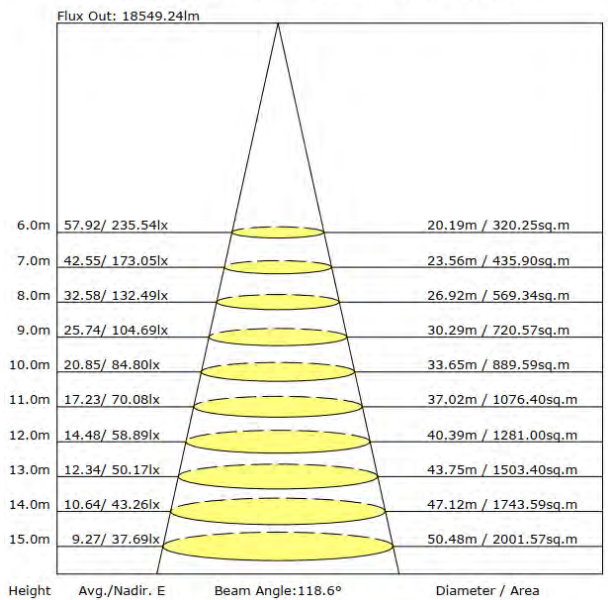Measurement Flux: 20500.1 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 135.54
Max. Intensity: 8515.3 cd

Luminous Intensity Distribution Curve

Values shown: 2128, 4257, 6386, 8515, 10644

Unit: cd
Average Diffuse Angle(50%): 103.5°

— C0-C180 — C90-C270 — G18

The Average Illuminance Effective Figure

Flux Out: 18549.24lm

Height	Avg./Nadir. E	Diameter / Area
6.0m	57.92/ 235.54lx	20.19m / 320.25sq.m
7.0m	42.55/ 173.05lx	23.56m / 435.90sq.m
8.0m	32.58/ 132.49lx	26.92m / 569.34sq.m
9.0m	25.74/ 104.69lx	30.29m / 720.57sq.m
10.0m	20.85/ 84.80lx	33.65m / 889.59sq.m
11.0m	17.23/ 70.08lx	37.02m / 1076.40sq.m
12.0m	14.48/ 58.89lx	40.39m / 1281.00sq.m
13.0m	12.34/ 50.17lx	43.75m / 1503.40sq.m
14.0m	10.64/ 43.26lx	47.12m / 1743.59sq.m
15.0m	9.27/ 37.69lx	50.48m / 2001.57sq.m

Beam Angle:118.6°

CPS LED LIGHTING

Packing Information

		FM	YM	FM	YM	AM	DM	A&DM
Lamps Net Weight (lbs)		14.1	13.66	14.99	14.55	15.63	16.53	17.63
Inner Box	Size (Inches)	16.73*3.93*15.55						
	Qty/Carton	1 PCS						
	Weight/Carton	16.53	16.09					
Outer Box	Size	17.32*16.14*7.87		17.32*16.14*7.87		20.47*15.74*6.29		
	Qty/Carton	2 PCS		1 PC (w/ Photocell)		1 PCS		
	Weight/Carton	34.83	33.95	18.51	18.07	18.95	19.84	20.94
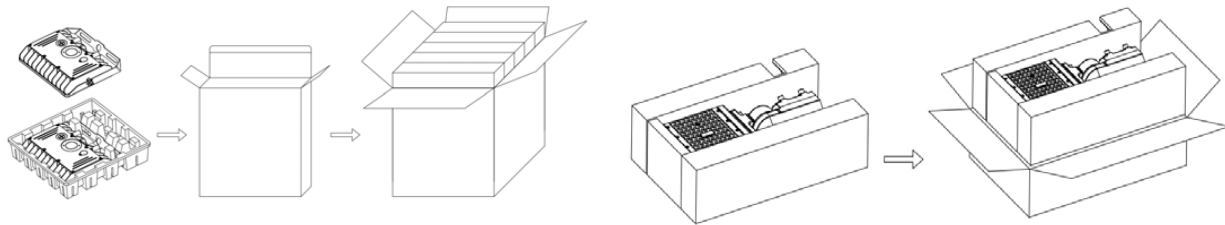
TROUBLESHOOTING	
Troubles	Check points
Light flickering	Turn off power and turn on again in three minutes
Not working	Check the connection

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.