

# CPS LED LIGHTING

Applications:

Outdoor sports courts

Stadiums

Warehouses

Factories

Workshops

Gymnasiums

Supermarkets



## 90W 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-	90W-	UL-	50
<b>EXAMPLE: CPS-FL-90W-UL-XX</b>			
DLC Model# CPS-FL-90W-UL-XX			

### SPECIFICATIONS

UL, CUL Certificate  
IP65 internal driver, input voltage 100-277 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**

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## TECHNICAL CHARACTERISTICS

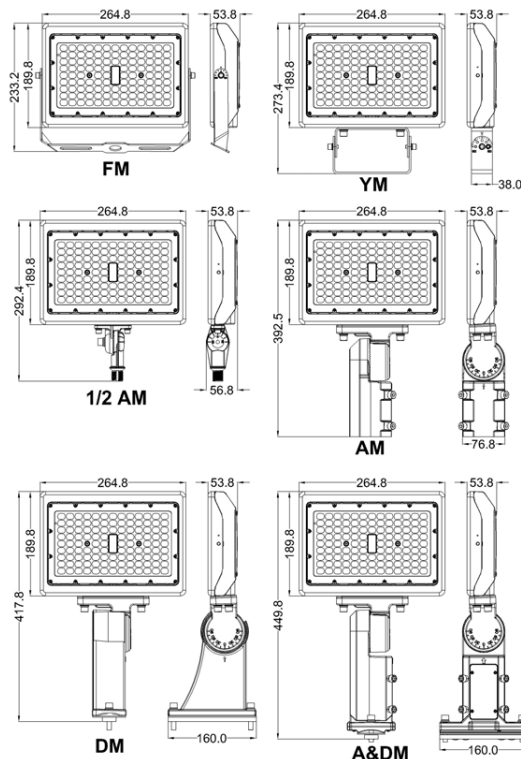
Color temperature	3000K, 4000K, 5000K
Input voltage	AC120-277 50/60Hz
Waterproof rating	IP65
CRI	>70
PFC	>0.9
Viewing angle	7H6V
Operating temperature	-40°F to 122°F
Operating humidity	10%-90% RH
Storage temperature	~86°F to 176°F
Storage humidity	10%-95%
Application	Indoor/outdoor
Product dimensions	9.13*8.85*5.19
L70 Life	Projected 100,000 hours
Warranty	5 years

## LUMENS

3000K	10800-12150 LM
4000K	12150-13500 LM
5000K	11250-12600 LM

## MATERIALS

Housing	Aluminum alloy
Housing color	Black
Cover	Lens



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## Photometric:

### **Luminaire Property**

Luminaire Manufacturer:  
Voltage: 120.0 V  
Power: 87.56 W

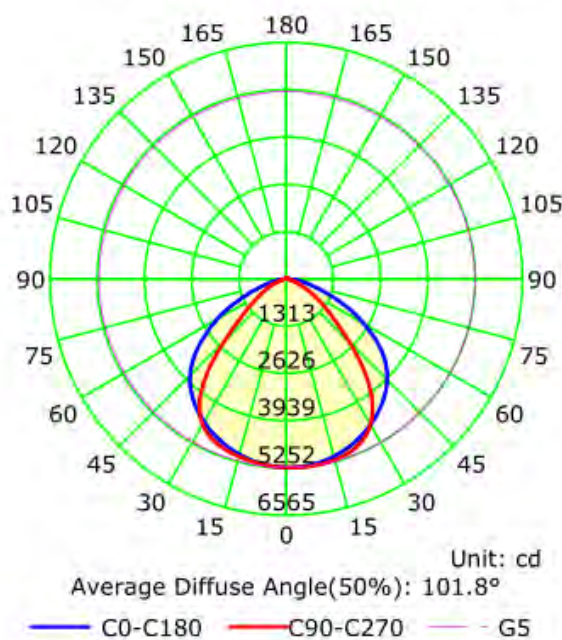
Current: 0.733 A  
Power Factor: 0.995

### **Photometric Results**

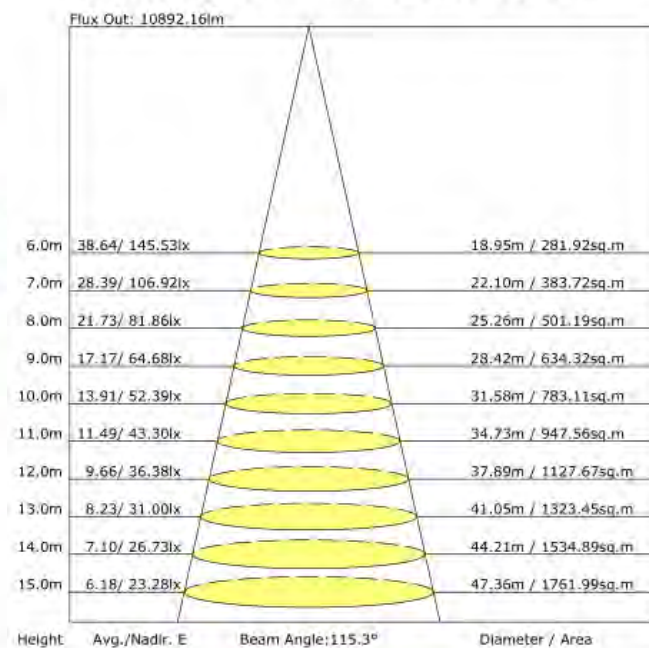
IES Classification: Type I  
Total Rated Lamp Lumens: 12919.8 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 5238.97 cd  
Pos of Max. Intensity: H67.5 V5

Longitudinal Classification: Very Short  
Measurement Flux: 12919.8 lm  
Downward Ratio: 99%  
Luminaire Efficacy Rating (LER): 147.60  
Max. Intensity: 5252.57 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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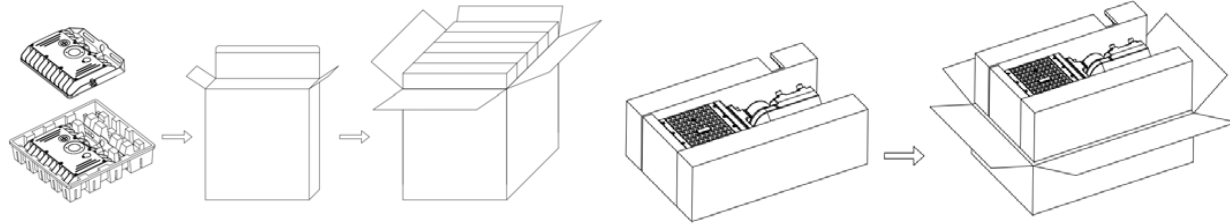
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## Packing Information

		FM	YM	1/2 AM	FM	YM	1/2 AM	AM	DM	A&DM
Lamps Net Weight (lbs)		5.73	6.17	5.51	6.61	7.05	6.39	8.59	9.25	10.14
Inner Box	Size (Inches)	13.46*12.79*2.95			13.97*13.18*5.31					
	Qty/Carton	1 PCS			1 PCS (Photocell)					
	Weight/Carton	6.39	6.83	6.17	7.49	7.39	7.27			
Outer Box	Size	15.51*13.30*14.25			27.36*14.56*13.97			19.09*12.40*5.90		
	Qty/Carton	5 PCS			5 PCS (w/ Photocell)			1 PCS		
	Weight/Carton	33.73	35.93	32.62	39.24	41.44	38.14	10.14	10.8	11.68



### TROUBLESHOOTING

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



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### 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.