



110-120 lm/W LED Floodlights with Cree & MW

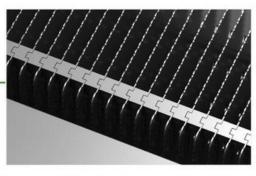




### **Aluminium Housing**

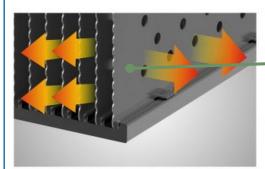






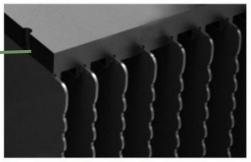
#### **Zipped-Fins Technology**

With zipped-fins technology, the convection airflow is evenly distributed in the cooling fins, optimizing the cooling effect.



#### 3D heat dissipation

There are convection holes distributed on each fins allowing parallel direction airflow to maximum the cooling power.



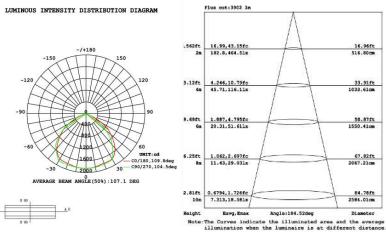
#### Gaer slotting fin technology

The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance.



## FPH LED Flood Light 50W





Catalogue Number	TPC-HLB-50W
Luminous Flux (lm)	4000K-5500lm 6000K-6000lm
CCT (K)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	90-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	50W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	282*207*119mm
Net Weight (kg)	3.00±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS

# FPH LED Flood Light 80W

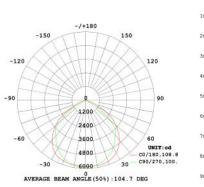


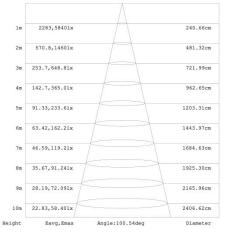
LA	Flux out:7931 lm	Λ	
16.4ft	6.375,14.59fc	$\triangle$	39.75ft 1211.61cm
Sin	00.02,137.118	/ \	1211.0108
32.81ft	1.594,3.648fc		79.5£t
10m	17.15,39.271x		2423.22cm
49 2166	0 7093 1 62260	/	119.3ft
15m	7.624,17.451x		3634.83cm
65 6200	n 2004 n 9121#a		159ft
20m	4.289,9.8181x		4846.44cm
,1 82 0264	0.2550,0.5838fg		198.8ft
0, 25m	2.745,6.2841x		6058.05cm
Height	Eavg, Emax	Angle:100.93deg	Diameter
	16.4ft 5m  32.81ft 10m  49.21ft 15m  65.62ft 20m  7: 71 82.02ft 0, 25m	16.4ft 6.375,14.59fc 68.62,157.11x   32.81ft 1.594,3.648fc 17.15,39.271x   49.21ft 0.7083,1.622fc 7.624,17.451x   65.62ft 0.3984,0.9121fc 20m 4.289,9.8181x   T: 13 82.02ft 0.2550,0.5838fc 0.2745,6.2841x	16.4ft 6.375,14.59fc 68.62,157.11x 32.81ft 1.594,3.646fc 17.15,39.271x 49.21ft 15m 7.624,17.451x 100 65.62ft 0.3984,0.9121fc 20m 4.289,9.8181x 17: 25m 0.2550,0.5838fc 2.745,6.2841x

Catalogue Number	TPC-HLB-80W
Luminous Flux (lm)	4000K-8800lm 6000K-9600lm
CCT (K)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	90-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	80W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	282*207*119mm
Net Weight (kg)	3.20±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS

### FPH LED Flood Light 100W







Catalogue Number	TPC-HLB-100W
Luminous Flux (Im)	4000K-11500lm 6000K-12000lm
CCT (K)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	100-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	100W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	260*316*137.3mm
Net Weight (kg)	5.30±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS



### FPH LED Flood Light 120W

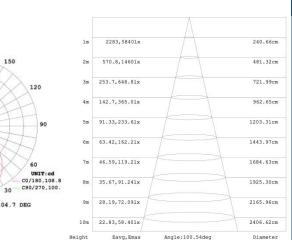


-/+180

AVERAGE BEAM ANGLE (50%):104.7 DEG

-150

-120

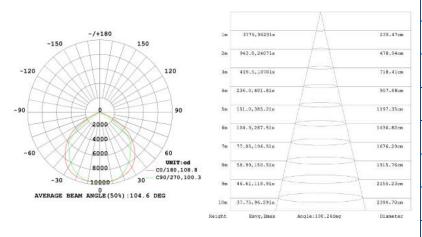


Catalogue Number	TPC-HLB-120W
Luminous Flux (lm)	4000K-13800lm 6000K-14400lm
ССТ (К)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	100-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	120W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	260*316*137.3mm
Net Weight (kg)	5.60±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS



#### FPH LED Flood Light 150W



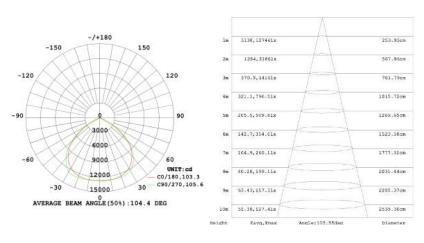


Catalogue Number	TPC-HLB-150W
Luminous Flux (lm)	4000K-17250lm 6000K-18000lm
ССТ (К)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	100-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	150W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	260*316*163.1mm
Net Weight (kg)	7.50±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS



### FPH LED Flood Light 200W





Catalogue Number	TPC-HLB-200W
Luminous Flux (lm)	4000K-23000lm 6000K-24000lm
ССТ (К)	4000-4500K / 6000-6500K
Beam Angle	120°
Light attenuation ratio (%)	less than 3% in 30000 Hrs
Lifespan	5 years warranty
Input Voltage (V)	100-277V AC 50/60Hz
LED Chip / LED Driver	Cree XTE / Meanwell LED Driver
Total Power (W)	200W
PF	>0.95
Activation time (S)	Lower 0.5 S (@ 220V AC)
Dimensions (mm)	442*330*177.6mm
Net Weight (kg)	11.0±10%
Protection	IP65 / IK08
Operating temperature	—40 ~ +55 Celsius
Certificates	CE-EMC / CE-LVD / RoHS

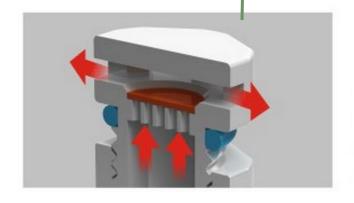


### **Aluminium Housing**









#### Respiration design

Blance the different pressure between the atmosphere and the shell, it is water-proof also defog and avoiding the drop condensation, reducing the inside salt corrosion and extend the product lifespan.



#### **Products details**

