

LED FLOOD LIGHT 80-200 W

أوبتيمال لايت
Optimal Light

MODEL # OPT -FLG

LED PERFORMANCE FLOOD LIGHT

140 Lm
Watt100-277
Volt100000
Hrs.IP
66

Watt	85 125 165 200 W
Lumen	140 LUMEN/W
Surge	6KV
Voltage	100-277 VOLT AC
Life Hours	100,000
Material	Die cast Aluminum
Color Temperature	3000K 4000K 6500K
IP Rating	66



ARAMCO APPROVAL MARK

FLOOD LIGHT FEATURES

Save up to 80% in energy consumption compared to conventional lamps

IP66 Ingress Protection

Universal Voltage 90-305 AC

High Lumen efficiency

140 Lumen/Watt

Die-casting and Tempered Glass

100000 hours long life time.

Total Harmonic Distortion: <15%

Color Temperature: 3000K 4000K 5000K 6500K.

Big PCB for better heat dissipation

CREE LED Chips

RA>80



IECEE CE CB

RoHS
COMPLIANT

LED FLOOD LIGHT 80-300 W



GENERAL SPECIFICATION

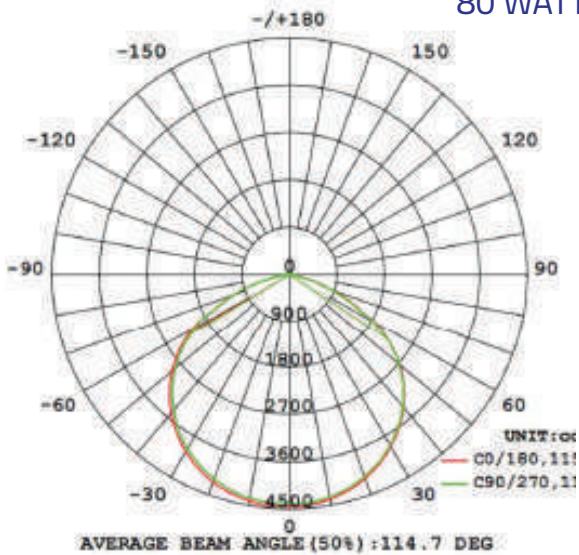
OPTIMAL LIGHT LED PERFORMANCE FLOOD LIGHT

WATTAGE	80W	125W	165W	200W	300W
MODEL NO	OPT FLG80	OPT FLG125	OPT FLG165	OPT FLG200	OPT FLG300
Rated Input Voltage	100-277 VOLT AC				
Input Current	0.8A max 0.35A@230V	1.25A max 0.54A@230V	1.65A max 0.72A@230V	2.A max 0.87A@230V	3A max 1.3A@230V
Power Factor	>0.9				
Line Frequency	50/60 HZ				
Surge Protection	6KV/6KV				
Protection Class	CLASS 1				
Rated Lumens @3000k	10400 lm	16250 lm	21450 lm	26000 lm	39000 lm
Rated Lumens @4000k & 6500k	11200 lm	17500 lm	23100 lm	28000 lm	42000 lm
Beam Angle	120				
CCT (K)	3000K 4000K 6500K				
CRI	>80				
Lumen Efficiency	130+ LM/W @ 3000K	140+ LM /W @4000K AND 6500K			
Led	SMD				
Rated Life Time	100000 HRS @ L70 B50 30 C				
Operating Temp.	-30 -+50 C				
Storage Temp.	-30 - +70 C				
Project Area (M²)	0.061 0.083 0.102 0.124 0.145				
Material	DIE CAST ALUMINUM				
Front Glass	TEMEPERED CLEAR GLASS				
Heat Sink	DIE CAST ALUMINUM				
Housing Color	BLACK				
Ingress Protection	IP 66				
Shock Protection	IK08				
Driver	NON ISOLATED DRIVER				

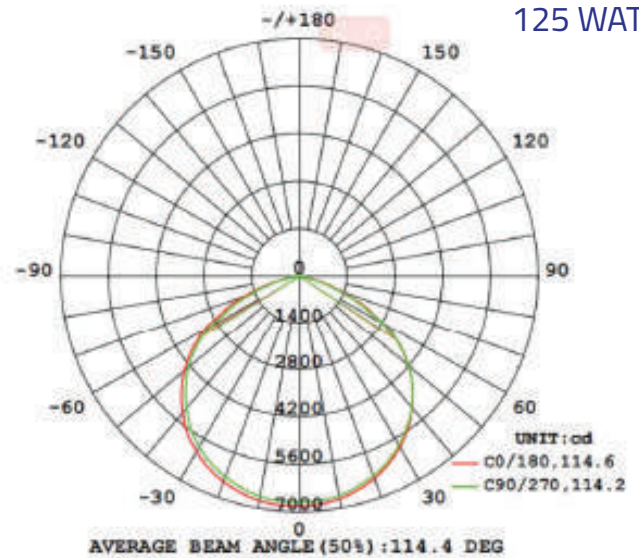


PHOTOMETRIC DISTRIBUTION CURVE

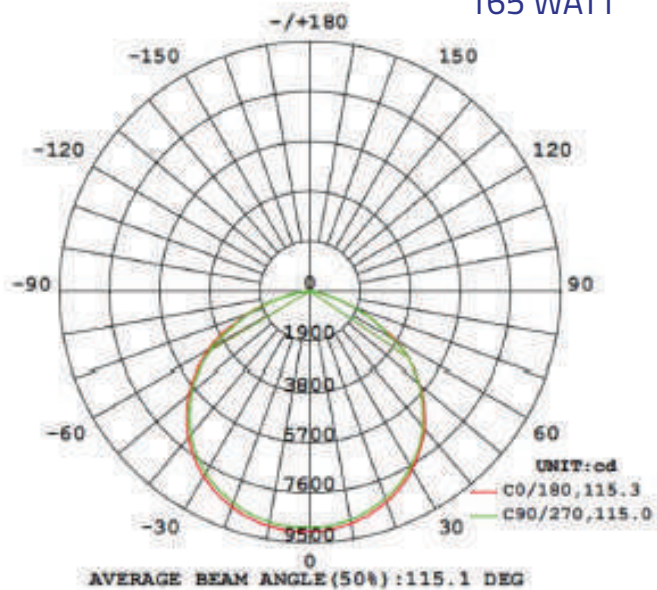
80 WATT



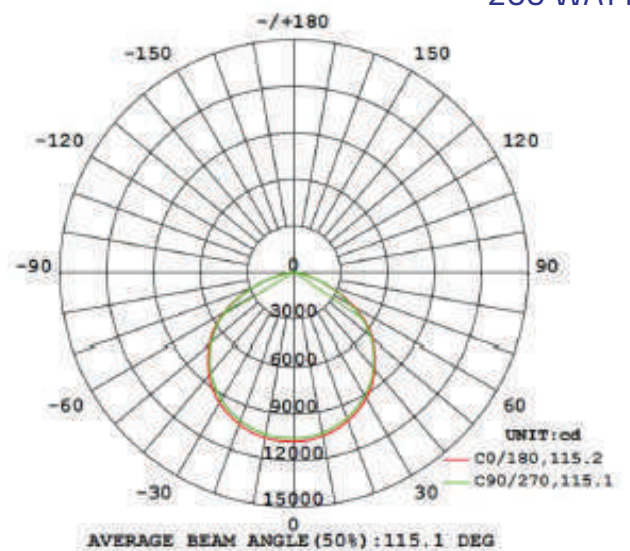
125 WATT



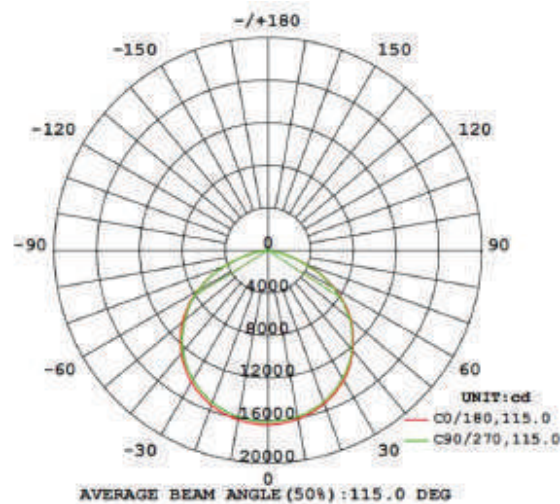
165 WATT



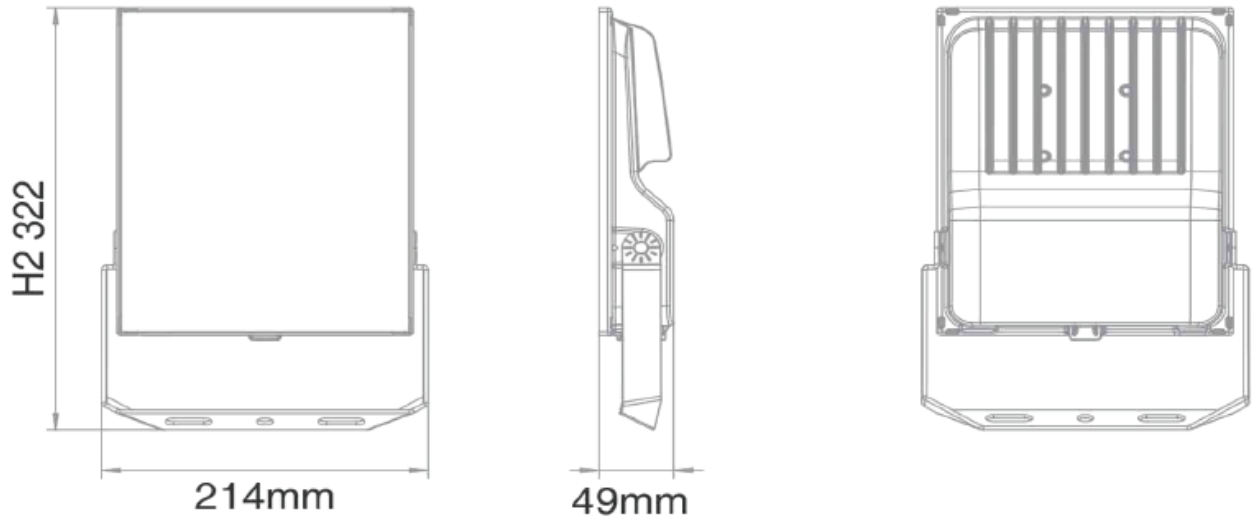
200 WATT



300 WATT

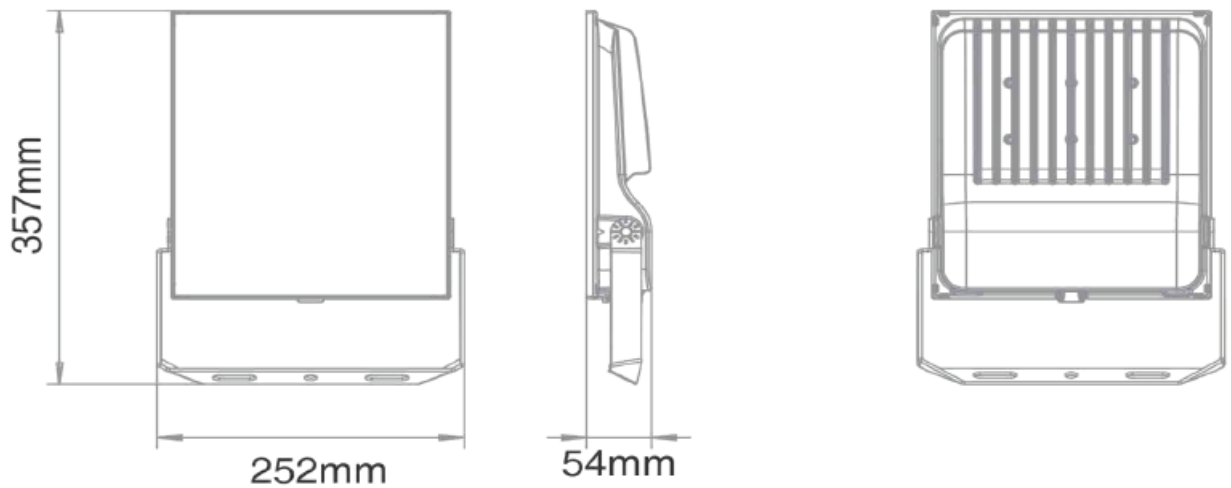


80 watt



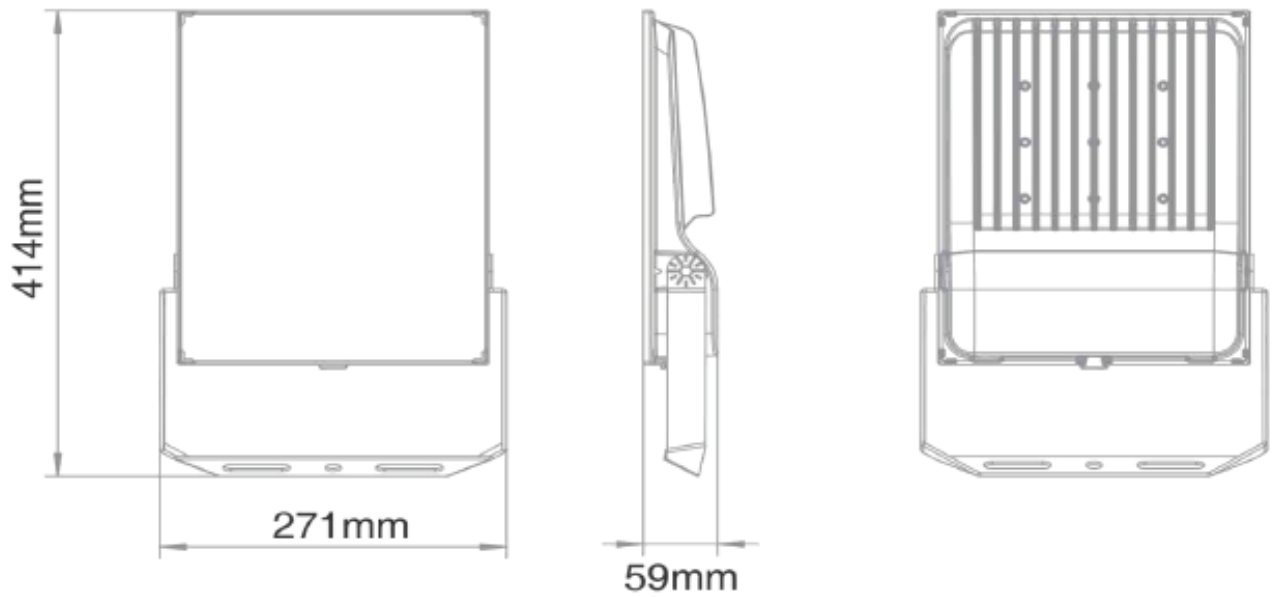
80W	Length	Width	Height	Weight
	322mm	214mm	49mm	2.35kg

125 watt



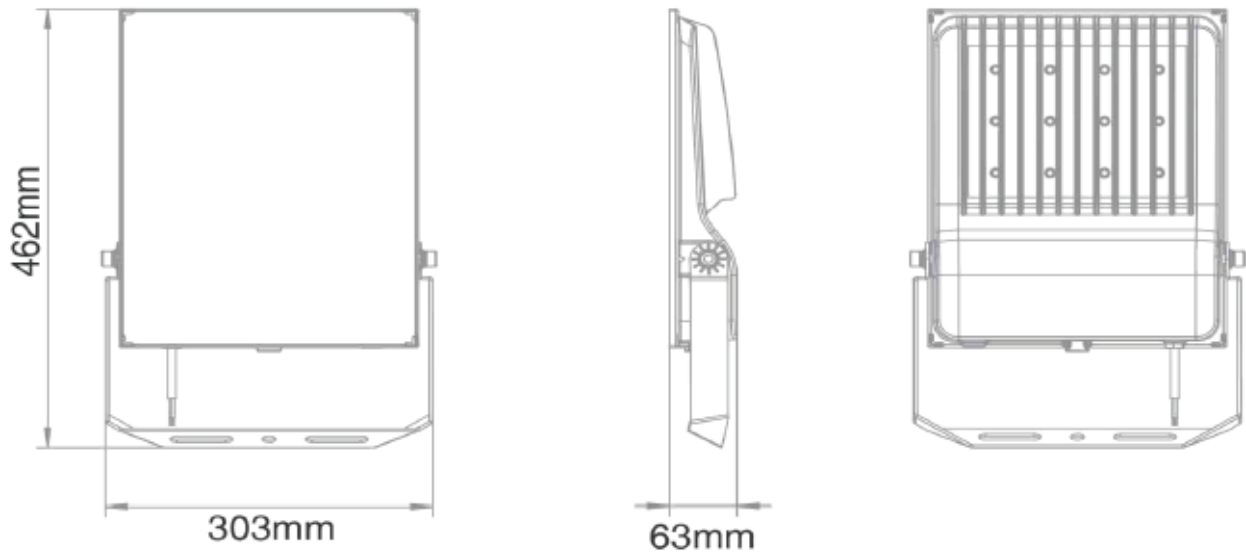
125W	Length	Width	Height	Weight
	357mm	252mm	54mm	3.18kg

165 watt



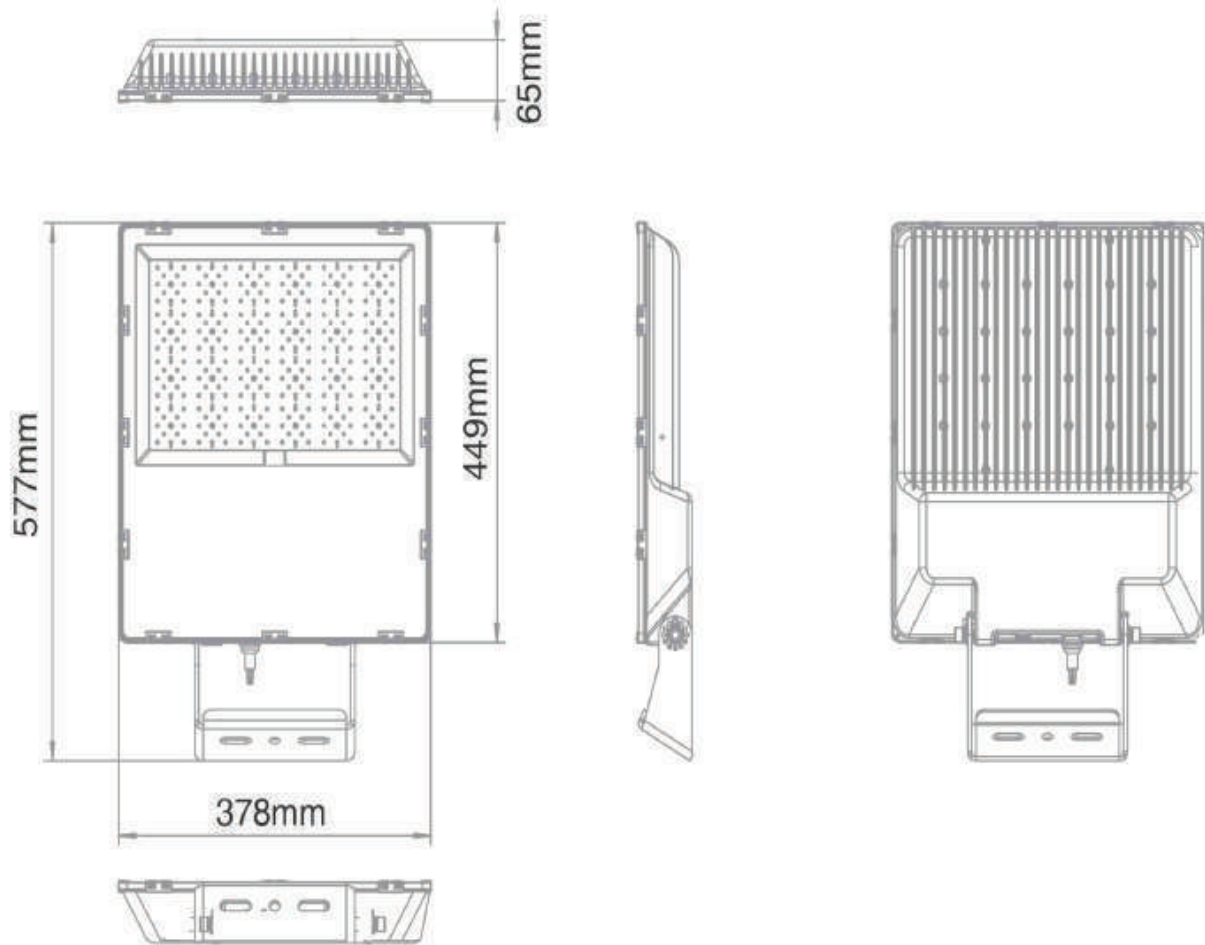
165W	Length	Width	Height	Weight
	414mm	271mm	59mm	3.74kg

200 watt



200W	Length	Width	Height	Weight
	462mm	303mm	63mm	4.56kg

300 watt



300W	Length	Width	Height	Weight
	577mm	378mm	65mm	6.3kg