



FL3450-280W350

Modular LED floodlight specification



General Characteristic

Body structure	Die-cast aluminum alloy framework fitted with 8 units of 30W modular LED module integrated with segregated heatsink, thus free from thermal conductance.
Size overall	596 x 430 x 154mm (see diagram below)
Casting angle	213 degrees adjustable
Finishing	Anodized in black color
Rated life span	≥40000 hours (accumulative)
Ingress protection	IP65
Certification	CE, FCC, RoHS

Light Characteristic

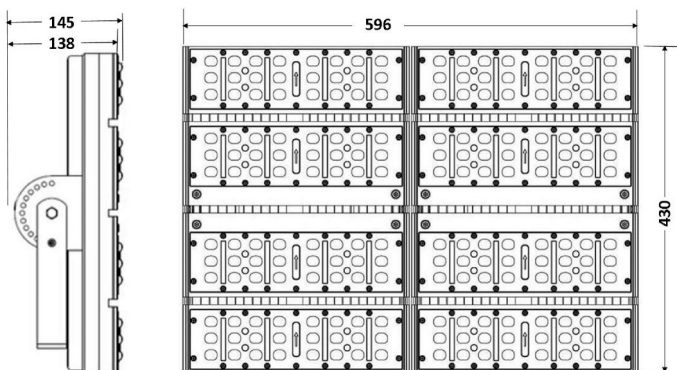
Light source	CREE XB-D
LED module	Multiple modular unit
Color rendering index	Ra ≥75
Color temperature	3200K (K3); 4200K (K4); 6500K (K5)
Luminous efficacy	≥100 lumen per watt
Total luminous efficacy	40000 lumen
RF interference	NIL
Beam angle	Available in 15, 25, 40, 60 and 90 degree
Ultra violet rays	Free
Operation temperature	-30° ~+65°C (max)

Electrical Characteristic (electronic gear)

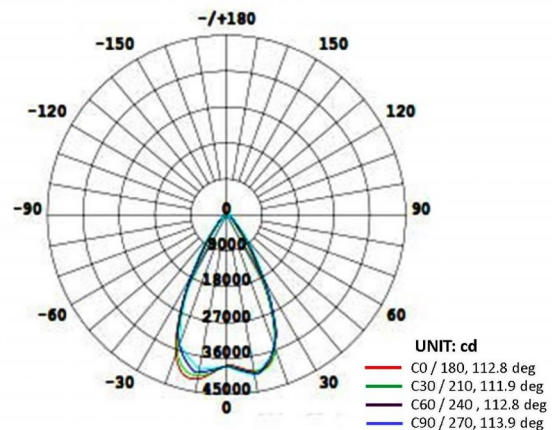
AC input voltage range	90~305VAC, 47~63Hz
Power factor	PF ≥0.95
Current regulation	±3%
Protection type	OCP, OVP, OTP, SCP
Output current	0.25~1.2A
Typical efficiency	90%
Working temperature	-40°C ~ 50°C
Storage temperature	-40°C ~ 85°C
Ingress protection	IP65 compliant
Safety standard	UL8750
EMI	EN55015 Class B
Harmonic current	2, Class C

Packing

Quantity per carton	One unit each
Size of product	596 x 430 x 145mm
Weight of product	12.0 kg (net weight)
Size of carton	660 x 490 x 210mm
Gross weight	14.3 kg



Overall Size



AVERAGE BEAM ANGLE (50%): 57.0 DEG

