



FG3180-W10

Multi-purposes LED garden floodlighting



General Characteristic

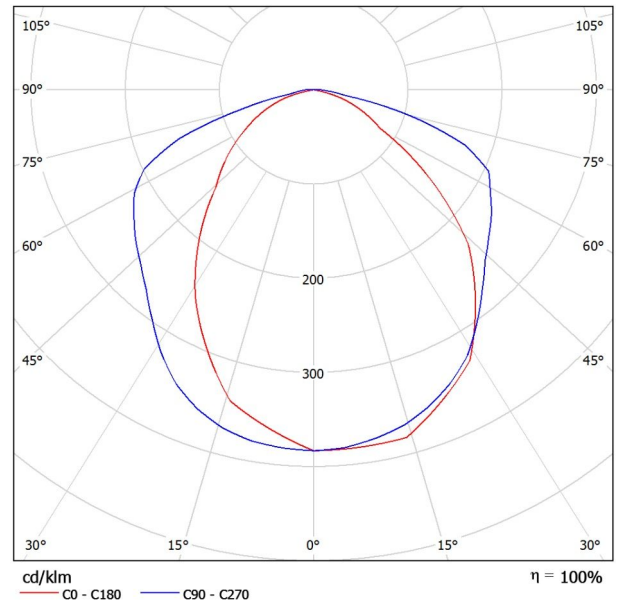
Body structure	The bodywork is completely fabricated by die-cast aluminum alloy material integrated with the light source thus form the highly efficient thermal management
Diffuser	Clear tempered glass
Finishing	Thermal resistant plastic paint
Rated life span	≥40000 hours (accumulative)
Ingress protection	IP65
Certification	CE, FCC, RoHS

Light Characteristic

Light source	CREE XP-G high power LED
LED module	SMD
Color rendering index	Ra ≥75
Color temperature	3200K (K3); 4200K (K4); 6500K (K5)
Luminous efficacy	≥120 lumen per watt
Mean lumen	6000lm (T _j =60°C, T _a =25°C)
RF interference	Free
Beam angle	120 degree
Ultra violet rays	Free
Operation temperature	-40° ~+60°C (max)

Electrical Characteristic (electronic gear)

AC input voltage range	90~305VAC, 47~63Hz
Rated power	10W
Output voltage	30V
Output current	1.6A
Power factor	PF ≥0.85
Current regulation	±3%
Protection type	OCP, OVP, OTP, SCP
Output current	0.25~1.2A
Luminous 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



Product size (OA) and packing

Size of luminaire (exclude heatsink and bracket)	200.0 x 234.0 x 108.4mm
Size (include bracket and heatsink)	200.0 x 281.63 x 117.77mm
Size of box (one unit)	315.0 x 270.0 x 195mm
Net weight	2.5kg per unit
Size of carton (4 boxes)	570.0 x 325.0 x 430.0mm
Net/Gross weight	3.0kg / 15.0 kg

