



FM3637-096W150

150W modular LED floodlight specification



General Characteristic

Body structure	Die-cast aluminum alloy framework fitted with 4 units of modular LED module integrated with segregated heatsink, thus free from thermal conductance.
Size overall	370 x 300 x 120mm
Casting angle	213 degrees adjustable
Finishing	Anodized in black color
Rated life span	≥50000 hours (accumulative)
Ingress protection	IP65 compliant
Certification	CE, FCC, RoHS

Light Characteristic

Light source	CREE high power LED or equivalent
LED module	Multiple modular unit
Color rendering index	Ra ≥70
Color temperature	3200K (K3); 4200K (K4); 6500K (K5); 10000 (K10)
Total luminous efficacy	15000 lumen
RF interference	NIL
Beam angle	15° / 30° / 60° / 90° / asymmetrical (70° x 140°)
Glaring ration	UGR ≈ 20
Operation temperature	-40° ~+6°C (max)
Ultra violet rays	Free

Electrical Characteristic (electronic gear)

AC input voltage range	90~305VAC, 47~63Hz
Rated power	150W
Power factor	PF ≥0.95
Input current	0.69A @230V
Output voltage	36Vdc
Output current	3.75A
Protection features	OCP, OVP, OTP, SCP
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	370 x 300 x 220mm
Weight of product	5.70 kg (net weight)
Size of carton	420 x 350 x 100mm
Gross weight	6.20 kg

