Plusrite®

PLUSRITE ELECTRIC (CHINA) CO.,LTD

FG105
SPECIFICATION

FG105/XX0/730/60°/BK

PLUSRITE Floodlight FG105 has an integrated die-casting design. Its unique fins help to dissipate heat. The built-in power supply is more integrated and cost-effective. It is suitable for factory & warehouses, shopping malls & supermarkets, sports & fitness venues, etc.

Product data

General Information

Light source replaceable	No
Number of gear units	-
Driver/power unit/transformer	Driver
Driver included	Yes
Optic type	Symmetric/Asymmetric
Optical cover/lens type	Stalinite/PC
Luminaire light beam spread	30°/60°/90°/110x33°
Sensor socket	-
Cable length	-
Protection class IEC	Safety class I
Certifications	CE,CQC
Lifetime (hour)	50,000h
EU RoHS compliant	Yes
Light source engine type	LED

Operating and Electrical

Input power	100/150W
Input voltage	120-277Vac
Input frequency	50/60Hz
Current	0.87/1.32A max
THD	<20%
Power factor	>0.9

Mechanical and Housing

Housing material	Aluminum
Reflector material	PET
Optical cover/lens material	Stalinite/PC
Optical cover/lens finish	Clear
Product dimensions (mm)	
Product dimensions (inch)	
Product color	Black

Approval and Application

Ingress protection code	IP65
Mech.impact protection code	IK07

Initial Performance (IEC Compliant)

Initial luminous flux	14000lm-100W / 21000lm-150W
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140Lm/W
Init.Corr.Color Temperature	3000K
Init.Color Rendering Index	>70
SCDM	≤7

Application Conditions

Ambient temperature range	-30 to +45℃
Dimming	0~10V/PWM

Logistical Data

Order product name	FG105/XX0/730/60°/BK	
Net weight (piece)	-	
Gross weight (piece)	-	
Packaging dimensions (mm)	L*W*H-301.1*359.2*57mm-100W	L*W*H-345.7*416.7*57mm-150W
Packaging dimensions (inch)	L*W*H-11.85*14.14*2.24in-100W	L*W*H-13.61*16.14*2.24in-150W
Packaging unit (piece)	Folding carton box 1	
Volumen (m³)	-	

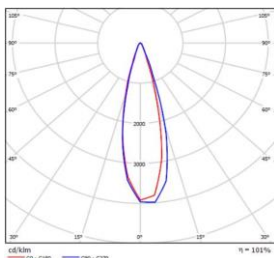| Volumen (ft³)	-

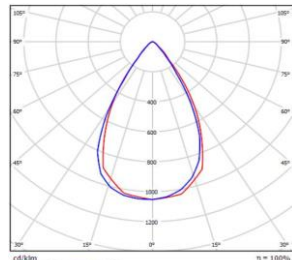## Application

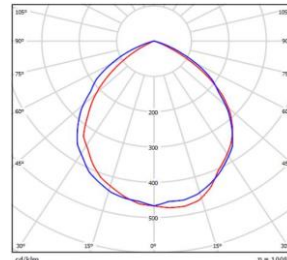◎ advertising board   ◎ high pole   ◎ Hallway   ◎ factory & warehouses

Light Distribution

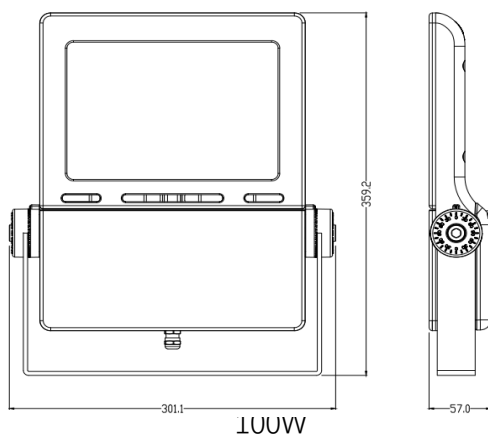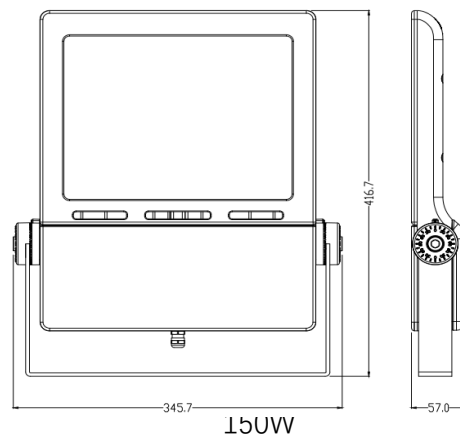30°

60°

90°
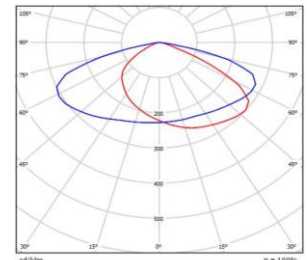
110x33°

Dimensional drawing

100W

150W

Physical dimension（mm）

Accessories

Material	Description

data subject to change