



# FG112 SPECIFICATION

FG112/XX0/760/110° /BK

PLUSRITE Floodlight FG112 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
Optical cover/lens type	Stalinite
Luminaire light beam spread	110
Sensor socket	-
Cable length	-
Protection class IEC	Safety class I
Certifications	CE
Lifetime (hour)	50,000h
EU RoHS compliant	Yes
Light source engine type	LED

## Operating and Electrical

Input power	10 / 20 / 30W
Input voltage	120-277Vac
Input frequency	50/60Hz
Current	0.088/0.176/0.263A max
THD	<20%
Power factor	>0.9

## Mechanical and Housing

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

## Approval and Application

Ingress protection code	IP65
Mechanical impact protection code	IK07

## Initial Performance (IEC Compliant)

Initial luminous flux	1200lm-10W / 2400lm-20W / 3600lm-30W
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120Lm/W
Init.Corr.Color Temperature	5700K
Init.Color Rendering Index	>70
SCDM	≤7

## Application Conditions

Ambient temperature range	-30 to +45°C
Dimming	0~10V

## Logistical Data

Order product name	FG112/XX0/760/110° /BK
Net weight (piece)	-
Gross weight (piece)	-
Packaging dimensions (mm)	L*W*H-136*122*36mm-10/20W      L*W*H-180*155*47mm-30W
Packaging dimensions (inch)	L*W*H-5.35*4.8*1.42in-10/20W      L*W*H-7.09*6.1*1.85in-30W
Packaging unit (piece)	Folding carton box 1
Volumen (m <sup>3</sup> )	-
Volumen (ft <sup>3</sup> )	-

## Application

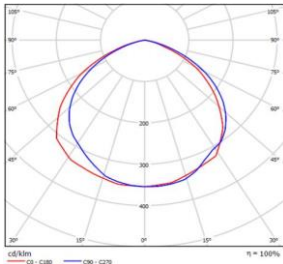
© advertising board

© high pole

© Hallway

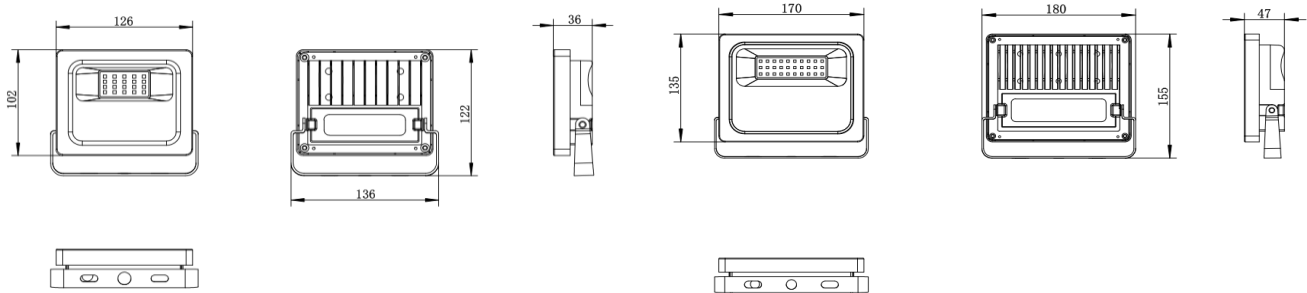
© factory & warehouses

## Light Distribution



110°

## Dimensional drawing



10/20W

30W

Physical dimension (mm)

## Accessories

Material	Description

Plusrite does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Plusrite. Plusrite is registered.

[www.plusrite.com](http://www.plusrite.com)