Plusrite®

PLUSRITE ELECTRIC (CHINA) CO.,LTD

TG209
SPECIFICATION

TG209/100/750/YY/1E/COB/BK

Our new products have high efficiency, uniform and consistent color, a longer design, a variety of installation methods to meet the needs of different places, beautiful at the same time, transparent;permissible operating ambient temperature: in outdoor areas: -40..+50°C

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	Lens
Luminaire light beam spread	45/60/90 Optical
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	100W
Input voltage	100-277Vac
Input frequency	50/60Hz
Current	1.0A max
THD	<20%
Power factor	0.95

Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Product dimensions (mm)	290*210*120mm
Product dimensions (inch)	-
Product color	Black

Approval and Application

Ingress protection code	IP67
Mech.impact protection code	-

Initial Performance (IEC Compliant)

Initial luminous flux	14500Lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	145Lm/W
Init.Corr.Color Temperature	5000K
Init.Color Rendering Index	>70
SCDM	≤5

Application Conditions

Ambient temperature range	-40 to +50℃
Dimming	-

Logistical Data

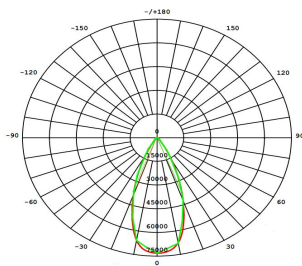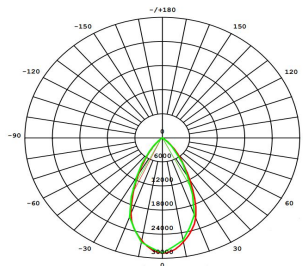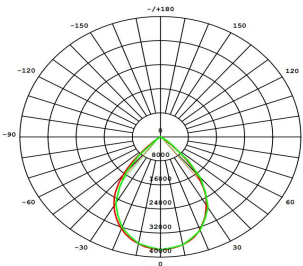|	
Order product name	TG209/100/750/YY/1E/COB/BK
Net weight (piece)	3.00kg
Gross weight (piece)	3.50kg
Packaging dimensions (mm)	-
Packaging dimensions (inch)	-
Packaging unit (piece)	Folding carton box 1
Volumen (m³)	-
Volumen (ft³)	-

Application

◎ Area Lighting　　　◎ Architecture Lighting　　　◎ Stadium Lighting　　　◎ Light Tower

Light Distribution

45° Optical　　　60° Optical　　　90° Optical

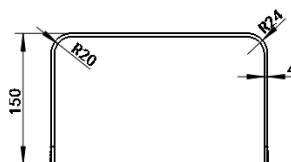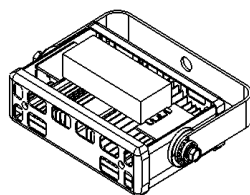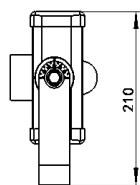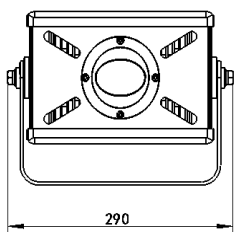## Dimensional drawing
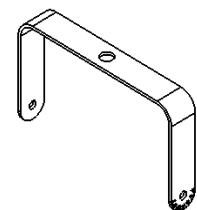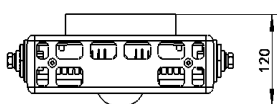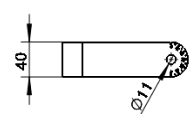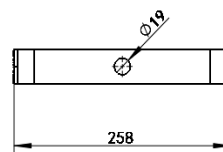
Physical dimension（mm）　　　mounting bracket size（mm）

Accessories

Material	Description
Lock the handle	Lock bolt is used for securing a adjustable part of the lighting fixture in a desired position
Mounting bracket	Multiple mounting brackets are available