Plusrite®
PLUSRITE ELECTRIC (CHINA) CO.,LTD

SD802
SPECIFICATION

SD802/100/750/120°

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, permissible operating ambient temperature: in outdoor areas: -40..+45°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	Ground glass
Luminaire light beam spread	120 Optical
Sensor socket	-
Cable length	300mm
Protection class IEC	Safety class I
Certifications	CE/CQC
Lifetime (hour)	50,000h
EU RoHS compliant	Yes
Light source engine type	LED

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Operating and Electrical

Input power	100W
Input voltage	100-277Vac
Input frequency	50/60Hz
Current	1A max
THD	＜20%
Power factor	0.95

Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optical cover/lens material	Glass
Optical cover/lens finish	Abrazine
Product dimensions (mm)	1007*111.8*142.9mm
Product dimensions (inch)	39.65*4.4*5.63inch
Product color	Customizable

Approval and Application

Ingress protection code	IP65
Mech.impact protection code	IK07

Initial Performance (IEC Compliant)

Initial luminous flux	12000Lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120Lm/W
Init.Corr.Color Temperature	4000K/5000K
Init.Color Rendering Index	＞70
SCDM	≤5

Application Conditions

Ambient temperature range	-40 to +45℃
Dimming	0~5V，0~10V，1~10V，PWM

Logistical Data

Order product name	SD802/100/750/120°
Net weight (piece)	3.5kg
Packaging dimensions (mm)	1055*155*190mm
Packaging dimensions (inch)	41.54*6.1*7.48inch
Packaging unit (piece)	Folding carton box 1
Volumen (m^3)	-
Volumen (ft^3)	-

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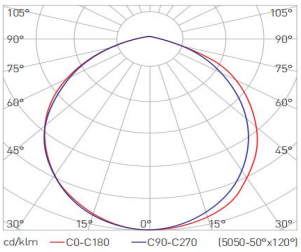
Application

◎ Tunnel Lighting

◎ Area Lighting

Light Distribution



120° Optical

Effect Picture

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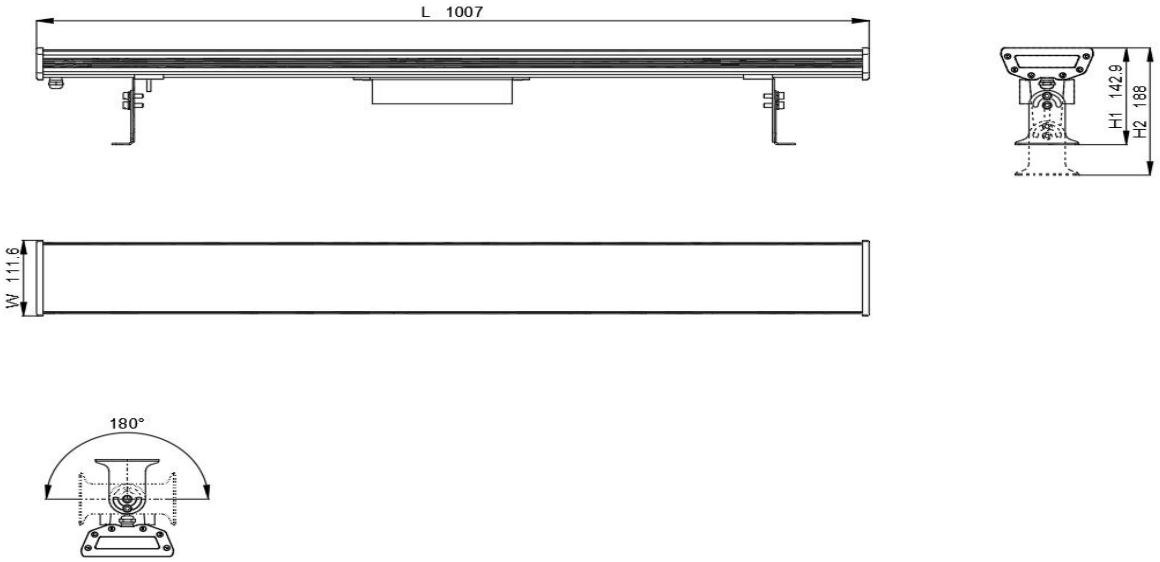
Dimensional drawing



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