POSEIDON G7 SPECIFICATION

ALS07/450/SW/8XX/YY/ZZ

SMALL SIZE(75/100/150/160SW)/MIDDLE SIZE(240/320SW)/LARGE SIZE(400W/450SW)

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, with a special lens design that can reduce light to the back side.

Product data

General Information

Light source replaceable	No
Number of gear units	A: 2 B: 4 C:4
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	Lens
Luminaire light beam spread	Type III/Type IV/Type V
Sensor socket	Z10/ZHAGA
Cable length	Cable 0.3 m without plug
Protection class IEC	Safety class I
Certifications	CE/cETLus/DLC/FCC
Lifetime (hour)	50,000h
EU RoHS compliant	Yes

Light source engine type	LED

Operating and Electrical

Input voltage	120-277V/120-347V/277-480V
Input frequency	50 or 60Hz
Current	4.09A(120-277V)/4.09A(120-347V)/1.8A(277-480V)
THD	<20%
Power factor (min)	0.95

Mechanical and Housing

Housing material	Aluminum die cut
Reflector material	-
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Product dimensions mm	670*408*66
Product dimensions (inch)	26.38*16.06*2.60
Product color	Bronze/Black/White

Approval and Application

Ingress protection code	IP66
Mech.impact protection code	IK08

Initial Performance (IEC Compliant)

Light output	37800lm-270W/50400lm-360W/63000lm-450W
Luminous flux to lerance	+/-10%
Efficacy	140lm/w
Init.Corr.Color Temperature	3000/4000/5000K
Init.Color Rendering Index	>80
Initial input power	270/360/450W
Power consumotion tolerance	+/-10%

Application Conditions

Ambient temperature range	-40 to +50℃
Dimming	0-10V

Logistical Data

Order product name	ALS07/450/SW/8XX/YY/ZZ
Net weight (piece)	10kg/22.05lbs
Gross weight (piece)	11.2kg/24.69lbs
Packaging dimensions (mm)	460*115*720
Packaging dimensions (inch)	18.11*4.53*28.35
Packaging unit (piece)	Folding carton box 1

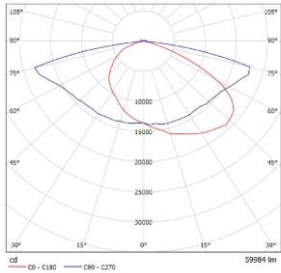| Volumen (m^3)	0.038
Volumen (ft^3)	1.34

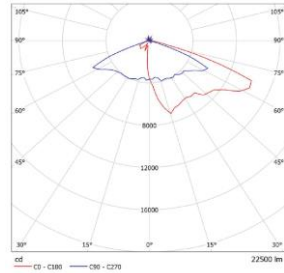## Application

◎ Landscape Lighting
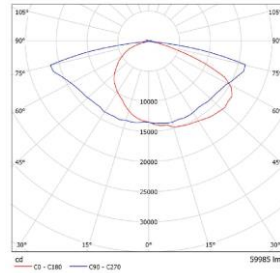◎ Pathway Lighting
◎ Perimeter Lighting
◎ Entryway Lighting
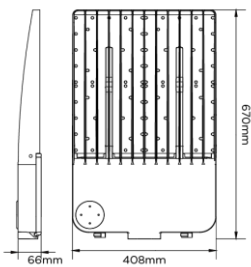
Light Distribution & Spectum

TYPE III Optical

TYPE IV Optical


TYPE V Optical

Dimensional drawing

Large Size(400W/450SW)

Accessories

Material	Description
Lock Bolt	Lock bolt is used for securing a adjustable part of the lighting fixture in a desired position
Gasket	Gasket fills the space between two or more mating surfaces to prevent leakage from or into the joined objects while under compression
Wall Mount	Wall bracket helps to hold the lighting fixture attached to the wall
Yoke Mount	Yoke mount allows for vertical or horizontal installation on a wall or a ceiling
Slip Fitter(MT-SAL/SF)	Slip fitter is for round light pole tenon mounting bracket for a single lighting fixture
Extruded Arm	Adjustable universal pole mount is for tube/pipe pole installation of the lighting fixture
Anti-Glare Shield	Anti-glare shield for SAL G7 series, with white/black/brozen finish.
Photocell	Electronic photocontrol, suit for SAL G7 series.