



# POSEIDON G7 SPECIFICATION

ALS07/100/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
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## Operating and Electrical

Input voltage	120-277V/120-347V/277-480V
Input frequency	50 or 60Hz
Current	0.91A(120-277V)/0.91A(120-347V)/0.4A(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	360*307*66
Product dimensions (inch)	14.17*12.09*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	8400lm-60W/11200lm-80W/14000lm-100W
Luminous flux tolerance	+/-10%
Efficacy	140lm/w
Init.Corr.Color Temperature	3000/4000/5000K
Init.Color Rendering Index	>80
Initial input power	60/80/100W
Power consumption tolerance	+/-10%

## Application Conditions

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

## Logistical Data

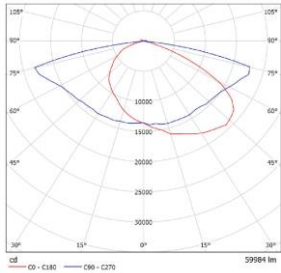
Order product name	ALS07/100/SW/8XX/YY/ZZ
Net weight (piece)	3.6kg/7.94lbs
Gross weight (piece)	4.3kg/9.48lbs
Packaging dimensions (mm)	350*105*420
Packaging dimensions (inch)	13.78*4.13*16.54
Packaging unit (piece)	Folding carton box 1

Volumen (m <sup>3</sup> )	0.015
Volumen (ft <sup>3</sup> )	0.53

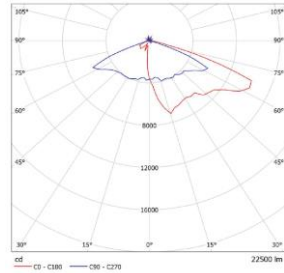
## Application

- Landscape Lighting     
 Pathway Lighting     
 Perimeter Lighting     
 Entryway Lighting

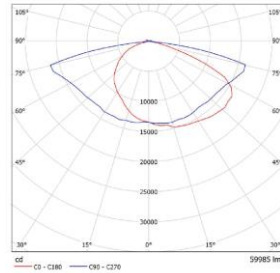
## Light Distribution & Spectrum



TYPE III Optical

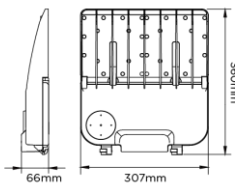


TYPE IV Optical











TYPE V Optical

## Dimensional drawing



Small Size(75/100/150/160SW)

## 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 fuxture 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.

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