



# POSEIDON V SPECIFICATION

ALS05/100/8XX/YY

Our 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	1
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	Lens
Luminaire light beam spread	Type II /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	cETLus/FCC/DLC5.1 Premium
Lifetime (hour)	50,000h
EU RoHS compliant	Yes

Light source engine type	LED
--------------------------	-----

Operating and Electrical

Input voltage	120-277V/277-480V/12V
Input frequency	50 or 60Hz
Current	1A
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	370.6*362.6*78
Product dimensions (inch)	14.59*14.29*3.07
Product color	Bronze/Black/White

Approval and Application

Ingress protection code	IP66
Mech.impact protection code	IK08

Initial Performance (IEC Compliant)

Light output	14000lm
Luminous flux to lérance	+/-10%
Efficacy	140lm/w/150lm/w
Init.Corr.Color Temperature	3000K/4000K/5000K
Init.Color Rendering Index	> 80
Initial input power	100W
Power consumption tolerance	+/-10%

Application Conditions

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

Logistical Data

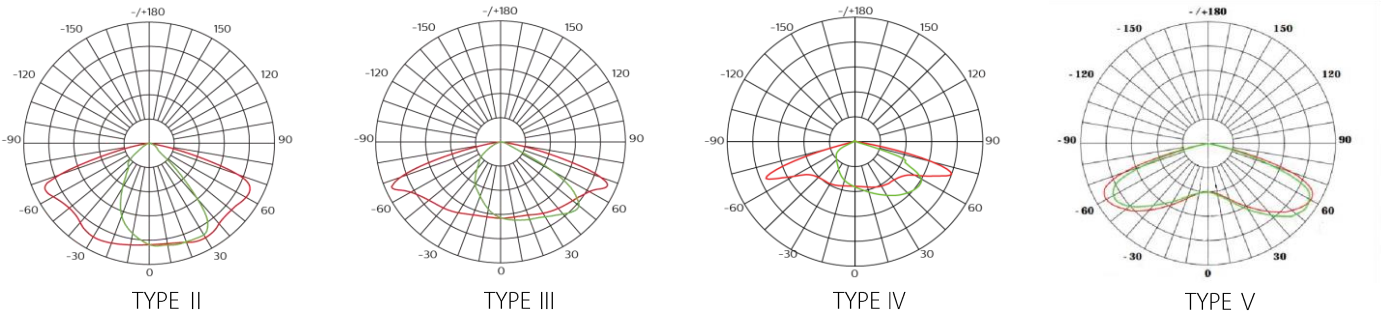
Order product name	ALS05/100/8XX/YY
Net weight (piece)	-
Gross weight (piece)	-
Packaging dimensions (mm)	-
Packaging dimensions (inch)	-
Packaging unit (piece)	-

Volumen (m³)	-
Volumen (ft³)	-

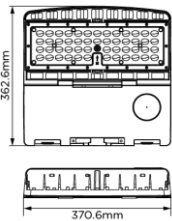
### Application

- ☉ Landscape Lighting
- ☉ Pathway Lighting
- ☉ Perimeter Lighting
- ☉ Entryway Lighting

### Light Distribution & Spectrum








### Dimensional drawing



POSEIDON V/S

## Accessories

Material	Description
 <b>Yoke Mount</b>	Adjustable angle mounting bracket
 <b>Wall Mount</b>	Wall bracket helps to hold the lighting fuxture attached to the wall
 <b>SB</b>	Mounting bracket for a single lighting fixture
 <b>Extruded Arm</b>	Adjustable universal pole mount is for tube/pipe pole installation of the lighting fixture
 <b>SF</b>	Slip fitter is for round light pole tenon mounting bracket for a single lighting fixture