

Specifications:

Description:

Halius Cleona under water recessed led light with high quality led technology. It provide high lumen, smooth and low glare lighting. Rigid construction provide long lasting performance. Easy installation and maintenance.

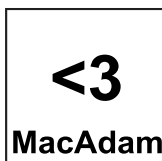
Construction:

- Stainless 316 construction.
- Tempered glass.
- Recessed mounting.
- High IK rating, IK09.
- Various beam angle optics options.
- Long working life .
- DC operating voltage .

Performance:

Input Power	12W
Input Voltage	24Vdc 0.5A
Lumens/LPW	1080lm/90lm/W
CCT	3000K/4000K/6000K
Beam Angle	15°
Life	50000hrs
IP rating	IP68
IK	IK09
Ambient temperature	-30° C to 50° C 5yrs
Warranty	3yrs
Labels	CE, RoHS

CE  RoHS  CREE

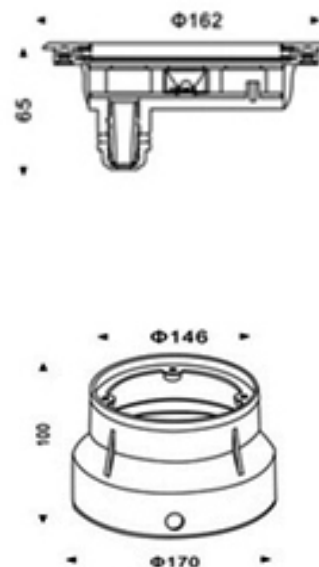


HL-LTG-O-UW-CLEO-R-12W-3000K-15D-SS-ND

Image:



Dimensions:



Catalog number:

Eg:HL-LTG-O-UW-CLEO-R-12W-3000K-15D-SS-ND

SS-Stainless steel

HL-LTG-O-UW-CLEO-R-06W - xxxxK - xxxxD - x - XX

Watt	CCT	Beam	Finish	DI-Dimmable
6W	3000K	15°	SS	ND-Non Dimmable
9W	4000K	30°		
		45°		
12W	6000K	60°		

HL-LTG-O-UW-CLEO-R-12W-3000K-15D-SS-ND

Electrical Data

Operating Voltage	24Vdc
Operating Current	0.5A
Driver Inc.	No
Dimming	No
Dimming option	1-10V, DALI, Phase
Driver type	Constant Voltage

Mechanical Data

Diameter	162mm
Height	100mm
Diffuser material	Lens material Ayclic and tempered glass
Body Material	Stainless Steel
Fixed/Adjustable	Fixed
Finish	Stainless steel

Optical Data

Chip	Cree
Beam Angle	15°, 30°, 45°, 60°
SDCM(Macadam step)	3
CRI	>90 +
CCT	3000K/4000K/6000K
Life Span	50000Hrs
Luminaire Efficiency(lm/W)	90lm/W
Luminaire Lumen(lm)	1080lm

Thermal Data

Working Temperature	-30° C to 50° C
Storage Temperature	-30°C to 60°C

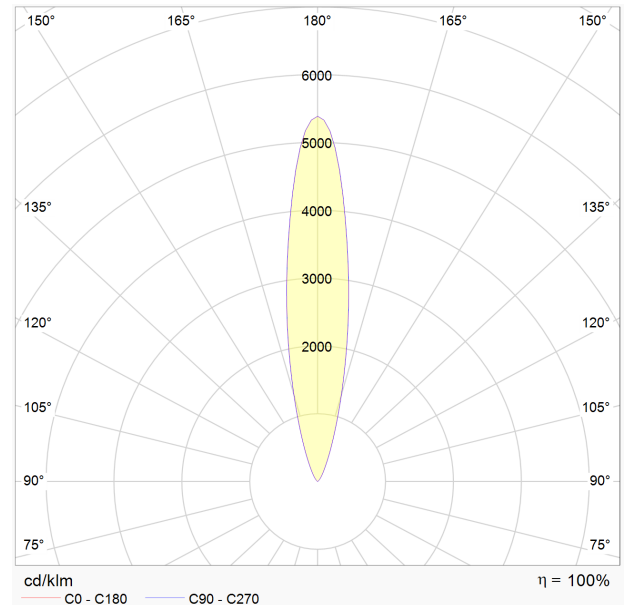
Safety Data

IP	IP68
IK	IK09
CE	YES
ROHS	YES
Safty Class	Class III

Photometrics

HL-LTG-O-UW-CLEO-R-12W-3000K-15D-SS-ND

LED Light Engine: 3000K, 92 CRI System Wattage: 12W
 Fixture Delivered Lumens: 1080lm Fixture
 Efficacy:90lm/W Spacing Criteria: 1.2



Cartesian Diagram

3.0	1.01	E(180°) E(C0)	170.4°	479 234
2.5	0.85	E(180°) E(C0)	170.4°	690 337
2.0	0.68	E(180°) E(C0)	170.4°	1077 526
1.5	0.51	E(180°) E(C0)	170.4°	1915 935
1.0	0.34	E(180°) E(C0)	170.4°	4310 2105
0.5	0.17	E(180°) E(C0)	170.4°	17239 8418
Distance [m]	Cone Diameter [m]	Illuminance [lx]		

***Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. ***Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.