

### Specifications:

#### Description:

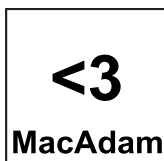
Halius Khloe under water recessed led light with high quality led technology. It provide high lumen, smooth and low glare lighting. Rigid construction provide long lasting performance. Easy installation and maintenance.

#### 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         | 1W                   |
| Input Voltage       | 24Vdc 0.01A          |
| Lumens/LPW          | 95lm/95lm/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             |

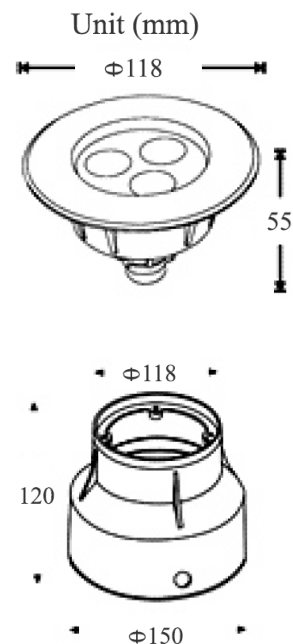


### HL-LTG-O-UW-KHLO-R-01W-3000K-15D-SS-ND

#### Image:



#### Dimensions:



#### Catalog number:

Eg:HL-LTG-O-UW-KHLO-R-01W-3000K-15D-SS-ND

SS-Stainless steel

HL-LTG-O-UW-KHLO-R-01W - xxxxK - xxxxD - x - xx

| Watt | CCT   | Beam | Finish | DI-Dimmable     |
|------|-------|------|--------|-----------------|
| 1W   | 3000K | 15°  | SS     | ND-Non Dimmable |
| 3W   | 4000K | 30°  |        |                 |
|      | 6000K | 45°  |        |                 |
|      |       | 60°  |        |                 |

### HL-LTG-O-UW-KHLO-R-01W-3000K-15D-SS-ND

#### Electrical Data

|                   |                    |
|-------------------|--------------------|
| Operating Voltage | 24Vdc              |
| Operating Current | 0.04A              |
| Driver Inc.       | No                 |
| Dimming           | No                 |
| Dimming option    | 1-10V, DALI, Phase |
| Driver type       | Constant Voltage   |

#### Mechanical Data

|                   |                                         |
|-------------------|-----------------------------------------|
| Diameter          | 118mm                                   |
| Height            | 120mm                                   |
| 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) | 95lm/W             |
| Luminaire Lumen(lm)        | 95lm               |

#### Thermal Data

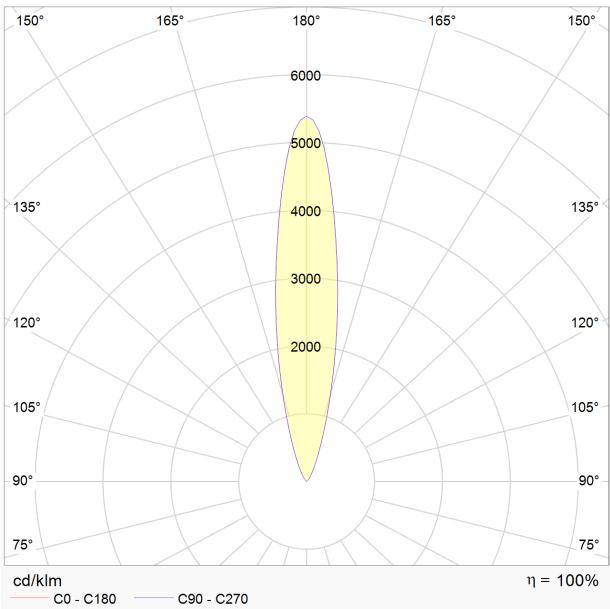
|                     |                 |
|---------------------|-----------------|
| Working Temperature | -30° C to 50° C |
| Storage Temperature | -30°C to 60°C   |

#### Safety Data

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

#### Photometrics

HL-LTG-O-UW-KHLO-R-01W-3000K-15D-SS-ND  
 LED Light Engine: 3000K, 92 CRI System Wattage: 1W  
 Fixture Delivered Lumens: 95lm Fixture Efficacy:95lm/W  
 Spacing Criteria: 1.2



#### Cartesian Diagram

|              |                   |                  |        |               |
|--------------|-------------------|------------------|--------|---------------|
| 3.0          | 1.01              | E(180°)<br>E(C0) | 170.4° | 479<br>234    |
| 2.5          | 0.85              | E(180°)<br>E(C0) | 170.4° | 690<br>337    |
| 2.0          | 0.68              | E(180°)<br>E(C0) | 170.4° | 1077<br>526   |
| 1.5          | 0.51              | E(180°)<br>E(C0) | 170.4° | 1915<br>935   |
| 1.0          | 0.34              | E(180°)<br>E(C0) | 170.4° | 4310<br>2105  |
| 0.5          | 0.17              | E(180°)<br>E(C0) | 170.4° | 17239<br>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.