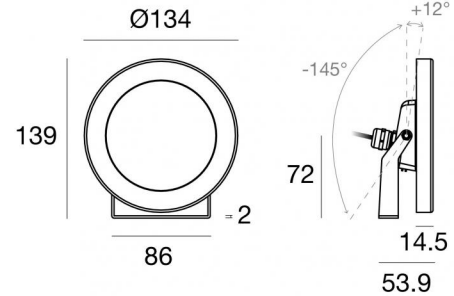


# Nautilus\_RP



Submerged | 3 x powerLEDs 14 W DC 12 V | CRI 80  
84025N40



| Technical data                                 |                               |
|--|-------------------------------|
| Type   | Surface                       |
| Installation position                          | Wall lights - Ceiling - Floor |
| Installation environment                       | Outdoor                       |
| Light Source                                   | LED                           |
| Circuit structure                              | powerLEDs                     |
| Optics   | Medium Wide Flood             |
| Light emission direction                       | frontal                       |
| Nominal power                                  | 14 W DC                       |
| Source lumens                                  | 1640 lm                       |
| Input voltage range                            | 12V                           |
| CCT / Tone                                     | 4000 K                        |
| Colour rendering index                         | 80 Ra                         |
| C.C. / C.V.                                    | CV                            |
| Safety class                                   | 3                             |
| IP   | IP68                          |
| Maximum installation depth                     | 25 m                          |
| Installation limitations                       | Only underwater               |
| IK   | IK10                          |
| Glow wire test                                 | 850°                          |
| Direct mounting on normally flammable surfaces | Yes                           |
| CE   | Yes                           |
| Driver included                                | No                            |
| Dimmable article                               | DALI - 1-10V                  |
| Directional                                    | Swivelling                    |
| total angle (vertical plane)                   | 157 °                         |
| Tilting  | No                            |
| Walk-over                                      | No                            |
| Drive-over                                     | No                            |
| Cable included                                 | Yes                           |
| Cable length                                   | 5 m                           |
| Resin potting                                  | Yes                           |
| Type of light emission                         | Single emission               |
| Net weight                                     | 1.32 Kg                       |
| Electrostatic discharge protection             | No                            |
| Surge protection                               | No                            |
| Product technological characteristics          | Acquastop                     |

## Finishing casing

|          |                 |
|----------|-----------------|
| Material | AISI 316L steel |
| Colour   | steel           |





## Finishing diffuser

|            |                              |
|------------|------------------------------|
| Material   | Extra clear glass - Tempered |
| Colour     | transparent                  |
| Processing | Silk-screening               |

## Finishing bracket

|            |                     |
|------------|---------------------|
| Material   | Stainless steel 316 |
| Colour     | steel               |
| Processing | Brushing            |

## Electronics

|   |  |
|---|--|
|  | 83010<br>On/Off Driver 90~264V AC / 127~370V DC 60 W (1 - 4 art.)    |
|  | 83015<br>DALI Controller 90~305V AC / 127~431V DC 120 W (1 - 8 art.) |
|  | 83013<br>On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 8 art.)  |
|  | 83012<br>DALI Controller 90~305V AC / 127~431V DC 60 W (1 - 4 art.)  |



Submerged | 3 x powerLEDs 14 W DC 12 V | CRI 80 | Base  
84025N40

Single emission submerged for outdoor application. The natural white LED light source with a medium wide flood light distribution is composed of 3 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1640 lm, with a 117.1 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP68; the total weight is of 1.32 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 14 W. The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 79 %           |
| Source lumens                         | 1640 lm        |
| Delivered lumens                      | 1297 lm        |
| Consumption                           | 14 W           |
| Luminaire efficacy                    | 92 lm/W        |
| Colour temperature                    | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index                | 80 Ra          |

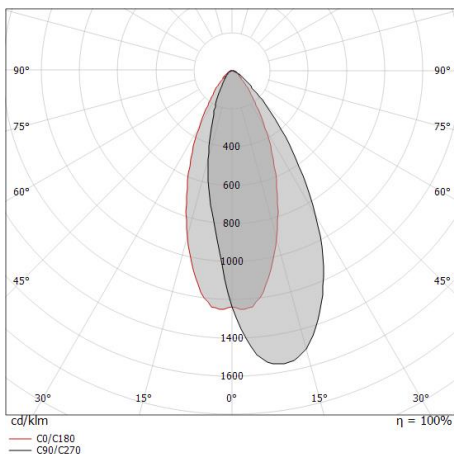
|  |             |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass      | 40°C        |

### LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25 )

### OPTICAL

|                             |              |
|-----------------------------|--------------|
| C0/C180 optics              | 44°          |
| Light distribution symmetry | Asymmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]         |
|--------------|-------------------|--------------------------|
| 0.5          | 0.40              | E(0°) 6417<br>E(C0) 2602 |
| 1.0          | 0.80              | E(0°) 1604<br>E(C0) 650  |
| 1.5          | 1.20              | E(0°) 713<br>E(C0) 289   |
| 2.0          | 1.60              | E(0°) 401<br>E(C0) 163   |
| 2.5          | 2.00              | E(0°) 257<br>E(C0) 104   |
| 3.0          | 2.40              | E(0°) 178<br>E(C0) 72    |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 43.6°)