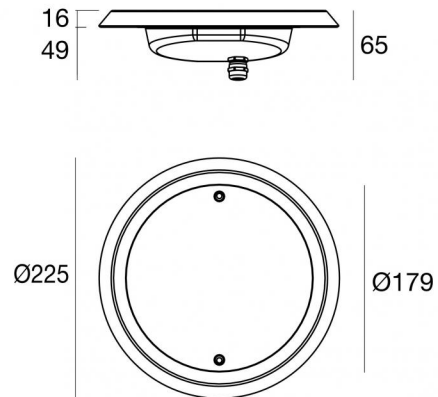




Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V  
CRI 80  
**84042W20**



| Technische Daten                                    |                  |
|---|------------------|
| Typ   | Frame            |
| Installationsposition                               | Wand - Boden     |
| Installationsumgebung                               | Outdoor          |
| Lichtquelle   | LED              |
| Circuit structure                                   | powerLEDs        |
| Optik   | Flood            |
| Light emission direction                            | frontal          |
| Lampe Nennleistung                                  | 38 W DC          |
| Lichtstrom (Lichtquelle)                            | 4563 lm          |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K           |
| Farbwiedergabeindex                                 | 80 Ra            |
| Gleichstrom/Gleichspannung                          | CV               |
| Isolierklasse                                       | 3                |
| IP  | IP68             |
| Maximale Einbautiefe                                | 25 mm            |
| Installationsbeschränkung                           | Nur unter Wasser |
| IK  | IK10             |
| Glühdrahtprüfung                                    | 850°             |
| Direkte Montage auf normal entflammaren Oberflächen | Ja               |
| CE  | Ja               |
| Einschließlich Driver                               | Nein             |
| Leuchte dimmbar                                     | DALI - 1-10V     |
| Schwenkbarkeit                                      | Nein             |
| Drehbarkeit   | Nein             |
| Begehbarkeit  | Nein             |
| Überrollbarkeit                                     | Nein             |
| Einschließlich Kabel                                | Ja               |
| Kabellänge  | 5 m              |
| Harzbeschichtung                                    | Ja               |
| Typ Lichtabstrahlung                                | Einflammig       |
| Nettogewicht  | 0.8 Kg           |
| Schutz vor elektrostatischen Entladungen            | Nein             |
| Schutz vor Stoßspannungen                           | Nein             |
| Technische Merkmale des Produkts                    | Acquastop        |

### Oberfläche Gehäuse

|          |                 |
|----------|-----------------|
| Material | Stahl AISI 316L |
| Farbe    | Stahl           |


### Oberfläche Diffusor

|                 |                              |
|-----------------|------------------------------|
| Material        | Extra-helles Glas - Gehärtet |
| Farbe           | transparent                  |
| Bearbeitungstyp | Siebdruck                    |


### Oberfläche flansch

|                 |                  |
|-----------------|------------------|
| Material        | Edelstahl 316    |
| Farbe           | Stahl            |
| Bearbeitungstyp | Elektropolierbad |


### Elektronik

- 
**83010**  
On/Off Driver 90~264V AC / 127~370V DC 60 W (1 art.)


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- 
**83015**  
DALI Controller 90~305V AC / 127~431V DC 120 W (1 - 3 art.)

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- 
**83013**  
On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 3 art.)

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- 
**83012**  
DALI Controller 90~305V AC / 127~431V DC 60 W (1 art.)

## Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V | CRI 80 84042W20

Single emission submerged for outdoor application. The warm white LED light source with a flood light distribution is composed of 9 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4563 lm, with a 120.1 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 0.8 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 38 W. The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights or floor-mounted with an outer casing, code 83198(for concrete or masonry).

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

### Energieeffizienzklasse

Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

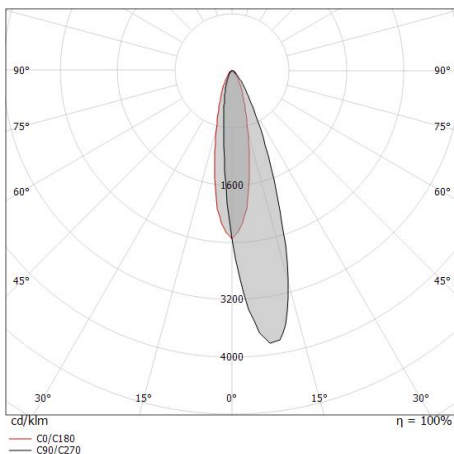
|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 74 %           |
| Lichtstrom (Lichtquelle)              | 4563 lm        |
| Leuchten Lichtstrom                   | 3421 lm        |
| Consumption                           | 38 W           |
| Leuchten Lichtausbeute                | 90 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

### LED Life / Failure Ratio

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

### OPTICAL

|                             |              |
|-----------------------------|--------------|
| Optik C0/C180               | 23°          |
| Light distribution simmetry | Asymmetrical |



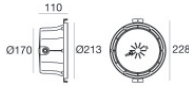
| Distance [m] | Cone diameter [m] | Illuminance [lx]           |
|--------------|-------------------|----------------------------|
| 0.5          | 0.21              | E(0°) 32173<br>E(C0) 15176 |
| 1.0          | 0.41              | E(0°) 8043<br>E(C0) 3794   |
| 1.5          | 0.62              | E(0°) 3575<br>E(C0) 1686   |
| 2.0          | 0.83              | E(0°) 2011<br>E(C0) 948    |
| 2.5          | 1.04              | E(0°) 1287<br>E(C0) 607    |
| 3.0          | 1.24              | E(0°) 894<br>E(C0) 422     |

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

— C0/C180 (Half-peak divergence: 23.4°)

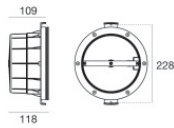


Nautilus\_R | Submerged | Accessories  
**84042W20**



Einbaugehäuse - Gehäuse IP68 zur Montage auf Mauerwerk (Fliesen oder Mosaik)  
installationsposition: wand; typ installation: mauerwerk L=213mm, H=213mm, D=110mm.  
Material:Kunststoff ABS, farbe:Schwarz.

**Code**  
83142



Einbaugehäuse - Außengehäuse zur Installation auf Leinwand  
installationsposition: wand; typ installation: mauerwerk L=213mm, H=213mm, D=110mm.  
Material:Kunststoff ABS, farbe:Schwarz.

**Code**  
83198