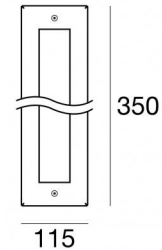
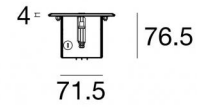


Unterwasserleuchten | 6 x powerLEDs 14 W DC 12 V  
CRI 80  
**84212M60**



| Technische Daten                                    |                   |
|---|-------------------|
| Typ   | Frame             |
| Installationsposition                               | Wand - Boden      |
| Installationsumgebung                               | Outdoor           |
| Lichtquelle   | LED               |
| Circuit structure                                   | powerLEDs         |
| Optik   | Medium Wide Flood |
| Light emission direction                            | upward            |
| Lampe Nennleistung                                  | 14 W DC           |
| Lichtstrom (Lichtquelle)                            | 1596 lm           |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K            |
| Farbwiedergabeindex                                 | 80 Ra             |
| Gleichstrom/Gleichspannung                          | CV                |
| Isolierklasse                                       | 3                 |
| IP  | IP68              |
| Maximale Einbautiefe                                | 25 m              |
| IK  | IK09              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                |
| CE  | Ja                |
| Einschließlich Driver                               | Nein              |
| Leuchte dimmbar                                     | Nein              |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit   | Nein              |
| Begehbarkeit  | Ja                |
| Überrollbarkeit                                     | 2500 Kg           |
| Einschließlich Kabel                                | Ja                |
| Kabellänge  | 5 m               |
| Harzbeschichtung                                    | Ja                |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht  | 3 Kg              |
| Schutz vor elektrostatischen Entladungen            | Nein              |
| Schutz vor Stoßspannungen                           | Nein              |





### Oberfläche Gehäuse

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

### Oberfläche Diffusor

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

### Elektronik

|   |   |
|---|---|
|  | 83010<br>On/Off Driver 90-264V AC / 127-370V DC 60 W    |
|  | 83015<br>DALI Controller 90-305V AC / 127-431V DC 120 W |
|  | 83013<br>On/Off Driver 180-305V AC / 254-431V DC 120 W  |
|  | 83012<br>DALI Controller 90-305V AC / 127-431V DC 60 W  |

## Unterwasserleuchten | 6 x powerLEDs 14 W DC 12 V | CRI 80 84212M60

Single emission submerged for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 6 powerled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1596 lm, with a 114.0 lm/W nominal luminous efficacy.

The device body is made of stainless steel and features a steel finish, processed by means of brushing; 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 3 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 or floor-mounted with an outer casing, code 83160(for concrete or masonry).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

### Illuminotechnical Eigenschaften

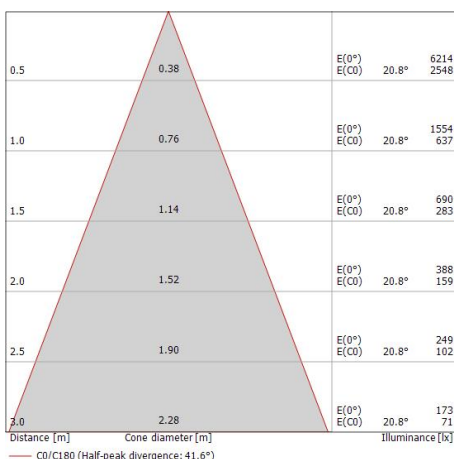
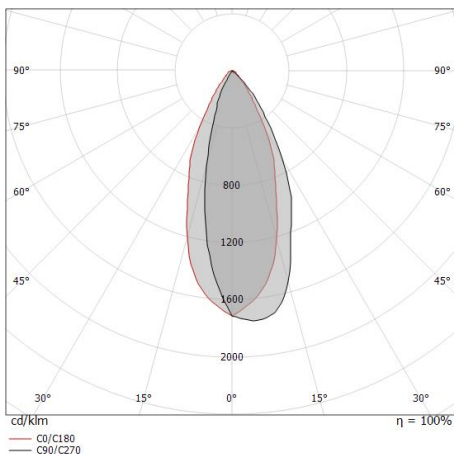
|                                       |               |
|---------------------------------------|---------------|
| Light Output Ratio (LOR)              | 56 %          |
| Lichtstrom (Lichtquelle)              | 1596 lm       |
| Leuchten Lichtstrom                   | 908 lm        |
| Consumption                           | 13 W          |
| Leuchten Lichtausbeute                | 69 lm/W       |
| Farbtemperatur                        | 2700 K        |
| Standard Deviation of Colour Matching | 1/16 ANSI BIN |
| Farbwiedergabeindex                   | 80 Ra         |
| Standardumgebungstemperatur           | -20 / +50°C   |
| Typische Temperatur am Glas           | 49°C          |

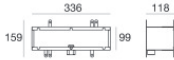
### LED Life / Failure Ratio

L70 B10 C0 361980h (at Tj 60 Ta 25 )

### OPTICAL

|                             |              |
|-----------------------------|--------------|
| Optik C0/C180               | 42°          |
| Light distribution simmetry | Asymmetrical |





**Einbaugehäuse**

installationsposition: wand, boden; typ installation: mauerwerk L=336mm, H=118mm, D=159mm.

Material:Stahl AISI 304, farbe:Stahl.

**Finish**



**Code**

83160



Stecker - 3-Wege-Gelstecker - IP68 Max 3x1,5 mm2

**Code**

98991



Stecker - 3-Wege-Anschluss - IP68 Min. 3 x 0,5 mm<sup>2</sup> / Max. 3 x 1,5 mm<sup>2</sup>

**Code**

84893