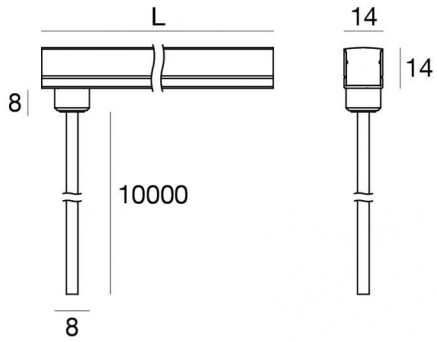
# Rubber 3D PROtection

Unterwasserleuchten - LED Strip
112 topLED 19.2 W DC 24 V | 9.58 W/m | 1203.59 Lm/m | CRI >90
**C0012NDI02004**




| Technische Daten | |
|---|---|
| Länge | 2004 mm |
| Typ | Oberfläche - LED Strip |
| Installationsposition | Wand - Decke |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | topLED |
| Optik | Diffuses |
| Lampe Nennleistung | 19.2 W DC |
| Lampenleistung / m | 19.2 W / m |
| Lichtstrom (Lichtquelle) | 2412 lm |
| Lichtstrom (Lichtquelle) / m | 2412 lm / m |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | >90 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP68 |
| Installationsbeschränkung | Nur unter Wasser |
| IK | IK07 |
| Glühdrahtprüfung | 650° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| ETL | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 10 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.2 kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Technopolymer |
| Farbe | Weiß |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Material | PU |
| Farbe | Opal |

**Elektronik**

99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 7 art.)

99332
1-10V Controller (1 - 7 art.)

99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 3 art.)

83333
Push and Simply Dim - DALI-2 Controller (1 - 7 art.)

C-E400002
Push and Simply Dim - DALI-2 Controller (1 - 12 art.)



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Unterwasserleuchten - LED Strip | 112 topLED 19.2 W DC 24 V | 9.58 W/m | 1203.59 Lm/m | CRI >90
**C0012NDI02004**

Single emission submerged or led strip for outdoor application. The natural white LED light source with a diffused light distribution is composed of 112 topled LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 2412 lm, with a 125.6 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish; the diffuser is made of pu.

The ingress protection degree is IP68; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.2 W The power supply cable is included and features a 10 m length.

The device features protection class III and can be wall lights or ceiling-mounted with an outer casing, code C-C300001(for concrete or masonry).

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

| **Energieeffizienzklasse** |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E. |

| **Illuminotechnical Eigenschaften** | |
|---|---|
| Lichtstrom (Lichtquelle) | 2412 lm |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | >90 Ra |
| Standardumgebungstemperatur | -20 / +55°C |

| **LED Life / Failure Ratio** |
|---|
| L70 B10 C0 191000h |
| L80 B10 C0 120000h |
| L90 B10 C0 58000h |


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Rubber 3D PROtection | LED Strip | Accessories
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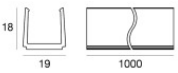
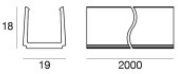


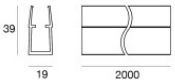

Profil - Lineares Weiss Pvc-Profil 19x18x1000mm für Rubber 3D PROtection
Material:Acrylnitril-Styrol-Acrylat, farbe:weiß RAL 9003.

**Code**
C-K100002



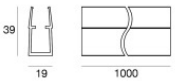

Profil - Lineares Weiss Pvc-Profil 19x18x2000mm für Rubber 3D PROtection
Material:Acrylnitril-Styrol-Acrylat, farbe:weiß RAL 9003.

**Code**
C-K100001



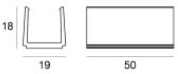

Profil - Weißes lineares Profil mit hohlem Durchgang 39x19x2000mm für Rubber 3D PROtection
Material:Acrylnitril-Styrol-Acrylat, farbe:weiß RAL 9003.

**Code**
C-K100004



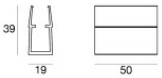

Profil - Weißes lineares Profil mit hohlem Durchgang 39x19x1000mm für Rubber 3D PROtection
Material:Acrylnitril-Styrol-Acrylat, farbe:weiß RAL 9003.

**Code**
C-K100005




Clip - Weißes pvc lineares Profil 19x18x50mm für Rubber 3D PROtection
installationsposition: wand, decke

**Code**
C-K100003

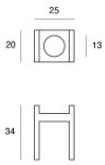



Profil - Weißes lineares Profil mit hohlem Durchgang 39x19x50mm für Rubber 3D PROtection
Material:Acrylnitril-Styrol-Acrylat, farbe:weiß RAL 9003.

**Code**
C-K100006

Einbaugehäuse - Gegengehäuse + Kabelverschraubung Betonbecken
L=300mm, H=36mm, D=36mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
C-C300001




Lochschablone
Material:Aluminium, farbe:Polished aluminium.

**Code**
C-V200005



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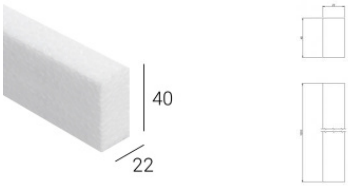
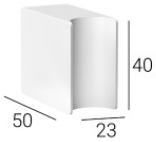


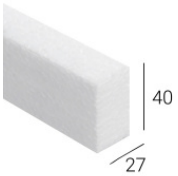

Lochschablone - Rubber Vorbereitungsset - Polystyrolstreifen

**Code**
99521



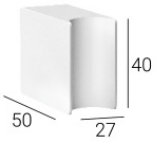

Zubehör für Außengehäuse

**Code**
C-K400165




Lochschablone - Rubber Vorbereitungsset - Polystyrolstreifen

**Code**
C-K400170




Zubehör für Außengehäuse

**Code**
C-K400171

Kabelklemme

**Code**
98990

Stecker

**Code**
89548

Kabelklemme
Material:Kunststoff ABS, farbe:Black.

**Code**
C-W300001

Strip Service - Doppelseitiges Klebeband 33 Meter

**Code**
99520



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