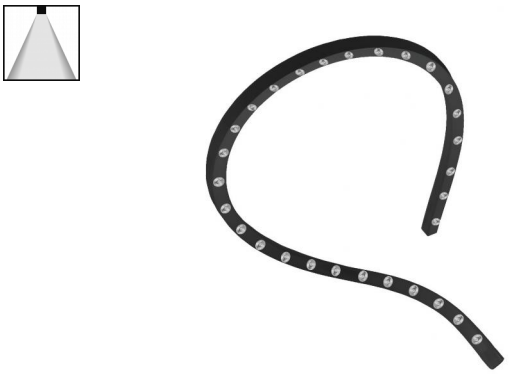
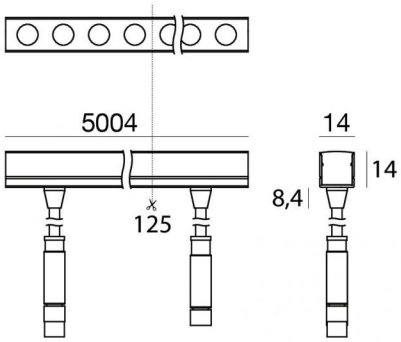
# Rubber 3D Optic V2

LED Strip | 160 topLED 97.5 W DC 24 V | 19.5 W/m
1817 Lm/m | CRI 90
**C0011TML05004**






| Technische Daten | |
|---|---|
| Länge | 5000 mm |
| Minimaler Schnitt | 125 mm |
| Typ | LED Strip |
| Installationsposition | Wand - Decke - Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | topLED |
| Optik | Medium Wide Flood |
| Light emission direction | frontal |
| Lampe Nennleistung | 97.5 W DC |
| Lampenleistung / m | 19.5 W / m |
| Lichtstrom (Lichtquelle) | 9085 lm |
| Lichtstrom (Lichtquelle) / m | 1817 lm / m |
| Ähnlichste Farbtemperatur / Tone | 3500 K |
| Farbwiedergabeindex | 90 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP67 |
| IK | IK07 |
| Glühdrahtprüfung | 650° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| ETL | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | Ja |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 1(M)x0.25 m + 1(F)x0.25 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 1.45 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Technopolymer |
| Farbe | Black |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Material | PU |
| Farbe | Black |

**Elektronik**

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

99332
1-10V Controller (1 art.)

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

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

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



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LED Strip | 160 topLED 97.5 W DC 24 V | 19.5 W/m | 1817 Lm/m | CRI 90
**C0011TML05004**

Single emission led strip for outdoor application. The brilliant white LED light source with a medium wide flood light distribution is composed of 160 topled LEDs with CCT of 3500 K and a CRI 90; the source luminous flux is 9085 lm, with a 93.2 lm/W nominal luminous efficacy.

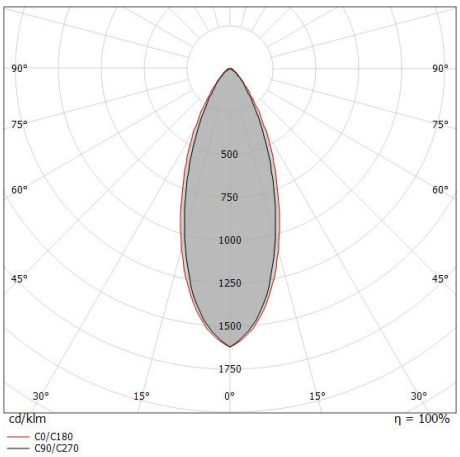
The device body is made of technopolymer and features a black finish; the diffuser is made of pu.

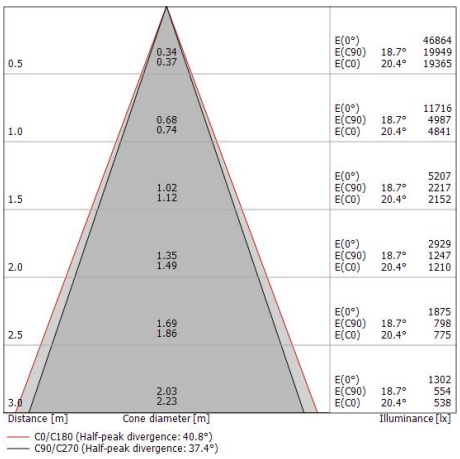
The ingress protection degree is IP67; the total weight is of 1.45 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 97.5 W The power supply cable is included and features a 1(M)x0.25 m + 1(F)x0.25 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted with an outer casing, code 82199(for concrete or masonry).

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




| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F. |

| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 79 % |
| Lichtstrom (Lichtquelle) | 9085 lm |
| Leuchten Lichtstrom | 7230 lm |
| Consumption | 98 W |
| Leuchten Lichtausbeute | 73 lm/W |
| Farbtemperatur | 3500 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 90 Ra |
| Verbindungstemperatur (Leuchte) | 80 |
| Standardumgebungstemperatur | -20 / +50°C |

| LED Life / Failure Ratio |
|---|
| L70 B10 C0 191000h (at Tj 115  Ta 25 ) |
| L80 B10 C0 120000h |
| L90 B10 C0 58000h |

| UGR | |
|---|---|
| UGR axial | 18.3 |
| UGR transversal | 20.3 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|---|---|
| Optik C90/C270 | 37° |
| Optik C0/C180 | 41° |
| Light distribution simmetry | Symmetrical 2 assis |



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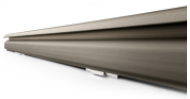
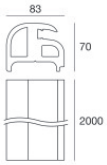
LED Strip | 160 topLED 97.5 W DC 24 V | 19.5 W/m | 1817 Lm/m | CRI 90
**C0011TML05004**

## Components

| | | | Code |
|---|---|---|---|
|  |   | D-Wave | 77407 |



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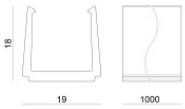
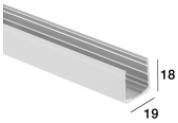
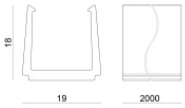
Rubber 3D Optic V2 | LED Strip | Accessories
**C0011TML05004**




Einbaugehäuse - Linearprofil aus Aluminium 19x18x1000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3d Pixel
installationsposition: wand, decke L=1000mm, H=18mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

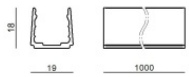
**Code**
99549





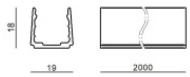

Einbaugehäuse - Linearprofil aus Aluminium 19x18x2000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: wand, decke L=2000mm, H=18mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

**Code**
82198



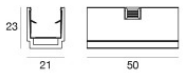

Profil - Schwarzes Aluminium 18x19 Profil 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

**Code**
C-K100007



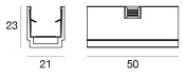

Profil - Schwarzes Aluminium 18x19 Profil 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

**Code**
C-K100008



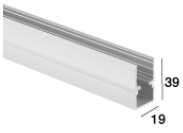

Klammer - Clip mit Zahnfeder - Anodised Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=23mm, D=21mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

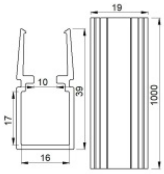
**Code**
C-F400001




Klammer - Clip mit Zahnfeder - Anodised Black Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=23mm, D=21mm.
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

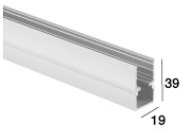
**Code**
C-F400002

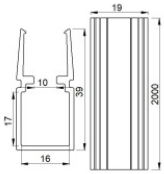





Einbaugehäuse - Linearprofil mit Aluminium-Kabelkanal 39x18x1000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: wand, decke L=1000mm, H=39mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

**Code**
83034






Einbaugehäuse - Linearprofil mit Aluminium-Kabelkanal 39x18x2000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: wand, decke L=2000mm, H=39mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

**Code**
82199



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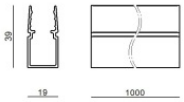
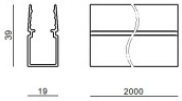
Rubber 3D Optic V2 | LED Strip | Accessories
**C0011TML05004**



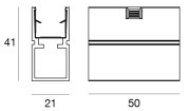

Profil - Profil 39x19 Aluminium schwarz 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

**Code**
C-K100009



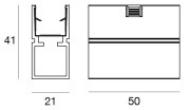

Profil - Profil 39x19 Aluminium schwarz 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

**Code**
C-K100010



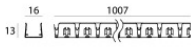

Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

**Code**
C-F400003



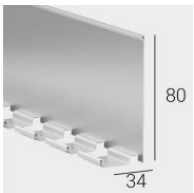

Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Black Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

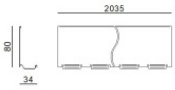
**Code**
C-F400004




Profil - Flexibles Profil
Material:Stahl AISI 304, farbe:Stahl.

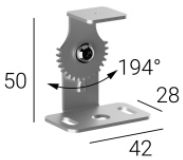
**Code**
C-K100011





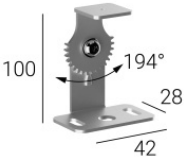

Blendschutz - Blendfreies Augenlid mit Fischgrätenmuster
Blendschutzart: palpebra.
Material:Aluminiumlegierung 6060, farbe:Anodised aluminium, bearbeitungstyp :Anodisierung 20 µm.

**Code**
C-K100032




Befestigungssatz - Wandkipp-Set aus AISI 304-Stahl
Material:Stahl AISI 304, farbe:Stahl.

**Code**
C-K400168




Befestigungssatz - Wandkipp-Set aus AISI 304-Stahl
Material:Stahl AISI 304, farbe:Stahl.

**Code**
C-K400169



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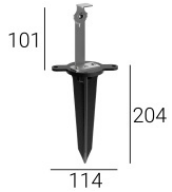
Rubber 3D Optic V2 | LED Strip | Accessories
**C0011TML05004**

Erdspießen - ZAPFEN + HALTERUNG ZAPFEN + HALTERUNG ZAPFEN + HALTERUNG
D114X204 fur Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: terreno,Material Verkleidung: uv beständiges polycarbonat

**Code**
83351

Befestigungssatz - Bodenpfahl mit kippbarer Halterung

**Code**
C-F500004




Befestigungssatz - Bodenpfahl mit kippbarer Halterung

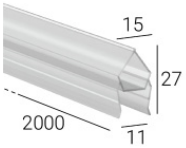
**Code**
C-F500005

Endkappe
Material:, farbe:Transparent.

**Code**
99539

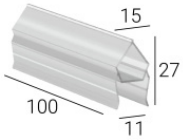
Lochschablone
Material:Aluminium, farbe:Polished aluminium.

**Code**
C-V200005



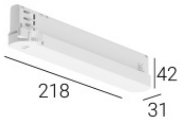

Profil
Material:UV beständiges Polycarbonat, farbe:Transparent.

**Code**
C-K100021




Profil
Material:UV beständiges Polycarbonat, farbe:Transparent.

**Code**
C-K100022




Elektronisches Zubehör - Track?System?Netzteil für Rubber 3D
installationsposition: decke L=218mm, H=42mm, D=31mm.
Material:Kunststoff ABS, farbe:Weiß.

**Code**
C-E300007



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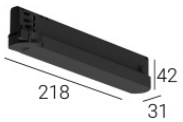
Rubber 3D Optic V2 | LED Strip | Accessories
**C0011TML05004**




Elektronisches Zubehör - Track?System?Netzteil für Rubber 3D
installationsposition: decke L=218mm, H=42mm, D=31mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
C-E300008

Kabelklemme

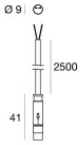
**Code**
98990

Stecker

**Code**
89548

Strip Service - Doppelseitiges Klebeband 33 Meter

**Code**
99520

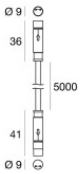



Kabel und Stecker - Kabel(M) für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic
Länge 2500 mm; isolierung doppio; querschnitt 0.5 mm²; farben: weiß - grau.

**Code**
C-W200001

Kabel und Stecker - Kabel(F) für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic
Länge 2500 mm; isolierung doppio; querschnitt 0.5 mm²; farben: weiß - grau.

**Code**
C-W200002




Kabel und Stecker - Kabel für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic
Länge 5000 mm; isolierung doppio; querschnitt 0.5 mm²; farben: weiß - grau.

**Code**
C-W200007



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