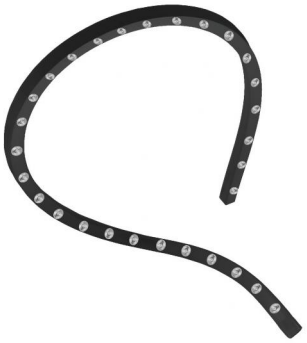
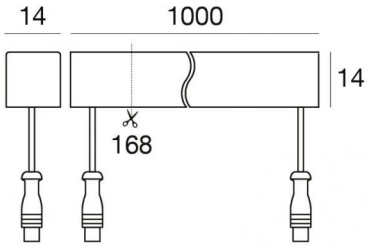
Rubber 3D Optic

LED Strip | 36 topLED 22 W DC 24 V | 22 W/m
2185 Lm/m | CRI 85
82219M20





Technische Daten	
Länge	1000 mm
Minimaler Schnitt	168 mm
Typ	LED Strip
Installationsposition	Wand - Decke - Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	22 W DC
Lampenleistung / m	22 W / m
Lichtstrom (Lichtquelle)	2185 lm
Lichtstrom (Lichtquelle) / m	2185 lm / m
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	85 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP67
IK	IK07
Glühdrahtprüfung	960°
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	1(M)x0.25 m + 1(F)x0.25 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.29 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 - 6 art.)

99332
1-10V Controller (1 - 6 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 - 6 art.)

C-E400002
Push and Simply Dim - DALI-2 Controller (1 - 10 art.)

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LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85
82219M20

Single emission led strip for outdoor application. The super warm white LED light source with a flood light distribution is composed of 36 topled LEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

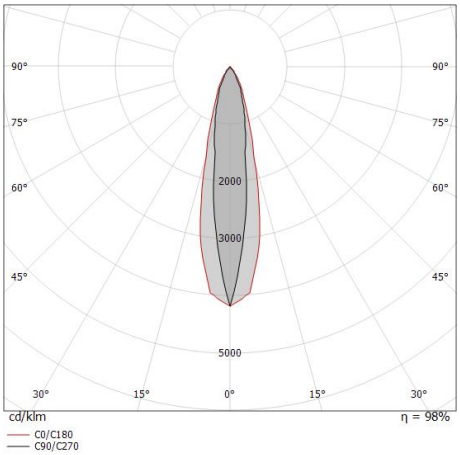
The device body is made of technopolymer and features a black finish; the diffuser is made of pu.

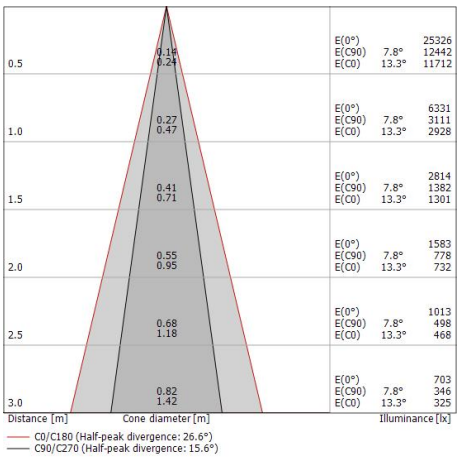
The ingress protection degree is IP67; the total weight is of 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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 2 Lichtquellen der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	69 %
Lichtstrom (Lichtquelle)	2185 lm
Leuchten Lichtstrom	1514 lm
Consumption	22 W
Leuchten Lichtausbeute	68 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	85 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	10
UGR transversal	12.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	16°
Optik C0/C180	27°
Light distribution simmetry	Symmetrical 2 assis

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LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85

82219M20

Single emission led strip for outdoor application. The super warm white LED light source with a flood light distribution is composed of 36 topled LEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

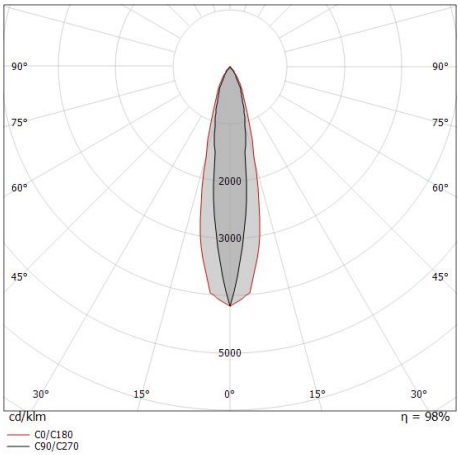
The device body is made of technopolymer and features a black finish; the diffuser is made of pu.

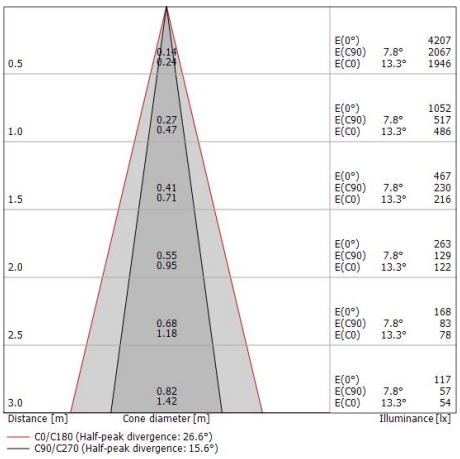
The ingress protection degree is IP67; the total weight is of 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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 2 Lichtquellen der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	11 %
Lichtstrom (Lichtquelle)	2185 lm
Leuchten Lichtstrom	252 lm
Consumption	3.5 W
Leuchten Lichtausbeute	72 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	85 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	10
UGR transversal	12.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	16°
Optik C0/C180	27°
Light distribution simmetry	Symmetrical 2 assis

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LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85

82219M20

Single emission led strip for outdoor application. The super warm white LED light source with a flood light distribution is composed of 36 topled LEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

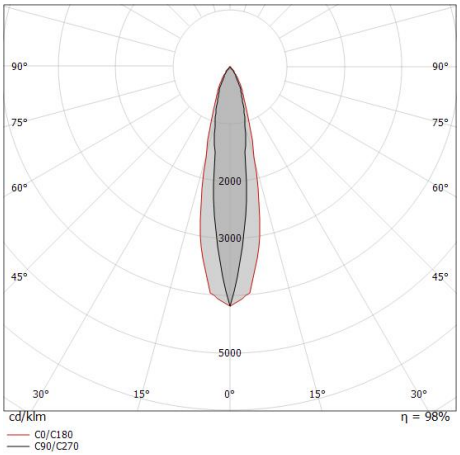
The device body is made of technopolymer and features a black finish; the diffuser is made of pu.

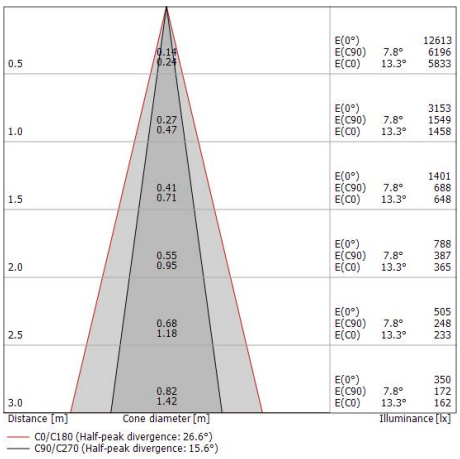
The ingress protection degree is IP67; the total weight is of 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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 2 Lichtquellen der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	34 %
Lichtstrom (Lichtquelle)	2185 lm
Leuchten Lichtstrom	754 lm
Consumption	11 W
Leuchten Lichtausbeute	68 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	85 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	10
UGR transversal	12.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	16°
Optik C0/C180	27°
Light distribution simmetry	Symmetrical 2 assis

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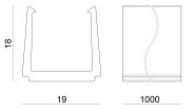
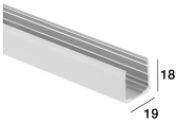
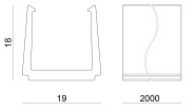
Rubber 3D Optic | LED Strip | Accessories
82219M20



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.

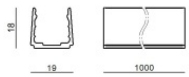
Code
99549





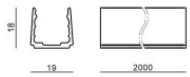
Einbaugehäuse - Linearprofil aus Aluminium 19x18x2000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: wand, decke L=2000mm, H=18mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

Code
82198



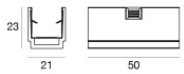
Profil - Schwarzes Aluminium 18x19 Profil 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

Code
C-K100007



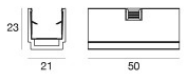
Profil - Schwarzes Aluminium 18x19 Profil 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

Code
C-K100008



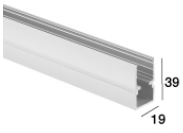
Klammer - Clip mit Zahnfeder - Anodised Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=23mm, D=21mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

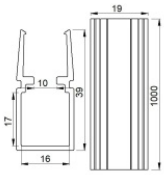
Code
C-F400001



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.

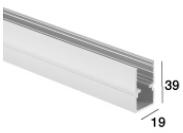
Code
C-F400002

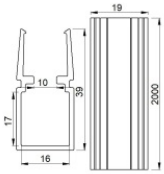




Einbaugehäuse - Linearprofil mit Aluminium-Kabelkanal 39x18x1000mm für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installationsposition: wand, decke L=1000mm, H=39mm, D=19mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

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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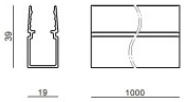
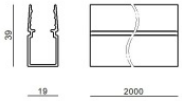
Rubber 3D Optic | LED Strip | Accessories
82219M20



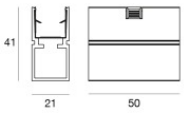
Profil - Profil 39x19 Aluminium schwarz 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

Code
C-K100009



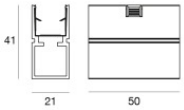
Profil - Profil 39x19 Aluminium schwarz 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

Code
C-K100010



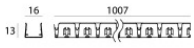
Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

Code
C-F400003



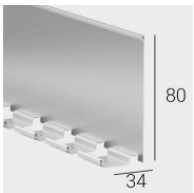
Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Black Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.
Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

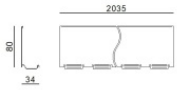
Code
C-F400004



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

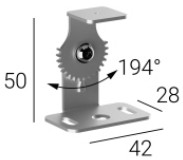
Code
C-K100011





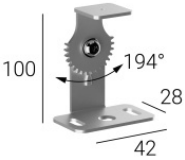
Blendschutz - Blendfreies Augenlid mit Fischgrätenmuster
Blendschutzart: palpebra.
Material:Aluminiumlegierung 6060, farbe:Anodised aluminium, bearbeitungstyp :Anodisierung 20 µm.

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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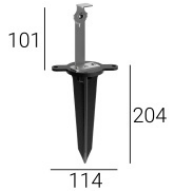
Rubber 3D Optic | LED Strip | Accessories
82219M20

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

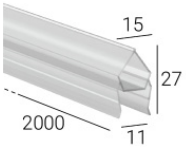
Code
C-F500005

Endkappe
Material:, farbe:Transparent.

Code
99539

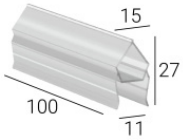
Lochschablone
Material:Aluminium, farbe:Polished aluminium.

Code
C-V200005



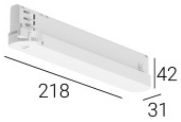
Profil
Material:UV beständiges Polycarbonat, farbe:Transparent.

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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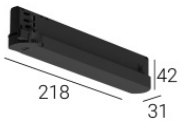
Rubber 3D Optic | LED Strip | Accessories
82219M20



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

Verlängerungskabel - Verlängerungskabel 2m

Code
99688

Verlängerungskabel - Verlängerungskabel 2m

Code
99689

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