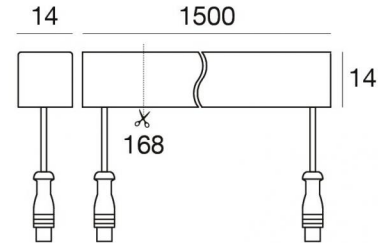
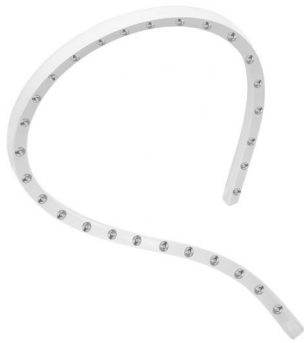


# Rubber 3D Optic



LED Strip | 54 topLED 33 W DC 24 V | 22 W/m  
2414.67 Lm/m | CRI 85

82217N20



Technische Daten	
Länge	1500 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	33 W DC
Lampenleistung / m	22 W / m
Lichtstrom (Lichtquelle)	3622 lm
Lichtstrom (Lichtquelle) / m	2414.67 lm / m
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	85 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP67
IK	IK07
Glühdrahtprüfung	960°
Direkte Montage auf normal entflammaren 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)x0.25m + 1(F)x0.25 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Länge	1500 mm
Nettogewicht	1.71 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

## Oberfläche Gehäuse

Material	Technopolymer
Farbe	Weiß

## Oberfläche Diffusor

Material	PU
Farbe	Opal

## Elektronik

	99331 On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 4 art.)
	99332 1-10V Controller (1 - 4 art.)
	99374 On/Off Driver 198-264V AC / 176-275V DC 75 W (1 - 2 art.)
	83333 Push and Simply Dim - DALI-2 Controller (1 - 4 art.)
	C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 7 art.)

# Rubber 3D Optic



LED Strip | 54 topLED 33 W DC 24 V | 22 W/m | 2414.67 Lm/m | CRI 85  
**82217N20**

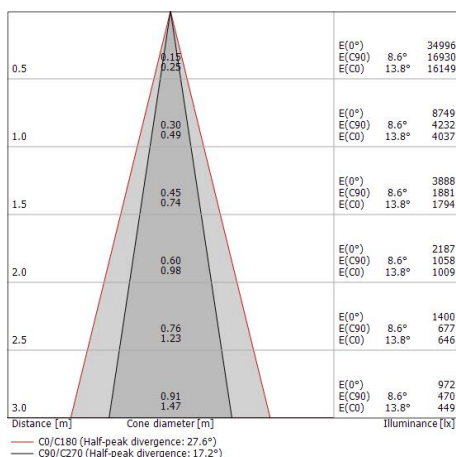
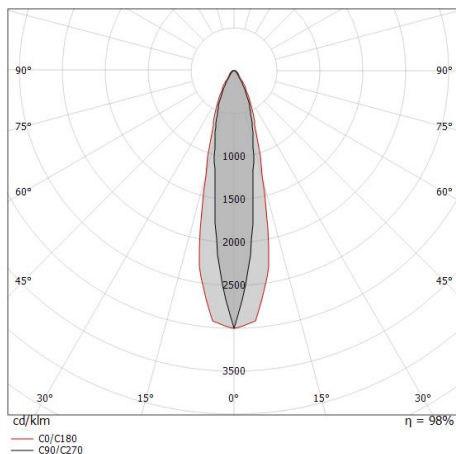
Single emission led strip for outdoor application. The natural white LED light source with a flood light distribution is composed of 54 topLEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 3622 lm, with a 109.8 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish; the diffuser is made of pu. The ingress protection degree is IP67; the total weight is of 1.71 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 33 W. The power supply cable is included and features a 1(M)x0.25m + 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 3 Lichtquellen der Energieeffizienzklasse F.

## Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	80 %
Lichtstrom (Lichtquelle)	3622 lm
Leuchten Lichtstrom	2914 lm
Consumption	33 W
Leuchten Lichtausbeute	88 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	85 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

## LED Life / Failure Ratio

L70 B20 C0 72500h

## UGR

UGR axial	21.3
UGR transversal	21.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

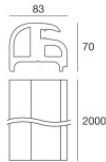
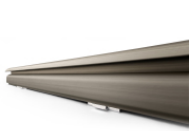
Optik C90/C270	17°
Optik C0/C180	28°
Light distribution simmetry	Symmetrical 2 assis

# Rubber 3D Optic



LED Strip | 54 topLED 33 W DC 24 V | 22 W/m | 2414.67 Lm/m | CRI 85  
**82217N20**

## Components



D-Wave

**Code**

77407

# Rubber 3D Optic



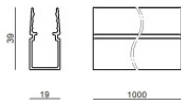
Rubber 3D Optic | LED Strip | Accessories  
82217N20

		<p>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.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>99549</td> </tr> </tbody> </table>	Finish	Code	████████	99549
Finish	Code						
████████	99549						
		<p>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.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>82198</td> </tr> </tbody> </table>	Finish	Code	████████	82198
Finish	Code						
████████	82198						
		<p>Profil - Schwarzes Aluminium 18x19 Profil 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, farbe:Schwarz, bearbeitungstyp :Eloxierung.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>C-K100007</td> </tr> </tbody> </table>	Code	C-K100007		
Code							
C-K100007							
		<p>Profil - Schwarzes Aluminium 18x19 Profil 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, farbe:Schwarz, bearbeitungstyp :Eloxierung.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>C-K100008</td> </tr> </tbody> </table>	Code	C-K100008		
Code							
C-K100008							
		<p>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.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>C-F400001</td> </tr> </tbody> </table>	Finish	Code	████████	C-F400001
Finish	Code						
████████	C-F400001						
		<p>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:Schwarz, bearbeitungstyp :Eloxierung.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>C-F400002</td> </tr> </tbody> </table>	Finish	Code	████████	C-F400002
Finish	Code						
████████	C-F400002						
		<p>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=2000mm, H=39mm, D=19mm. Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>83034</td> </tr> </tbody> </table>	Finish	Code	████████	83034
Finish	Code						
████████	83034						
		<p>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=1000mm, H=39mm, D=19mm. Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>████████</td> <td>82199</td> </tr> </tbody> </table>	Finish	Code	████████	82199
Finish	Code						
████████	82199						

# Rubber 3D Optic

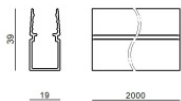


Rubber 3D Optic | LED Strip | Accessories  
82217N20



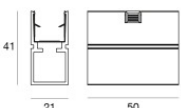
Profil - Profil 39x19 Aluminium schwarz 1m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel  
Material:Aluminium, farbe:Schwarz, bearbeitungstyp :Eloxierung.

**Code**  
C-K100009



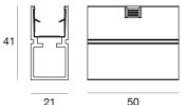
Profil - Profil 39x19 Aluminium schwarz 2m für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel  
Material:Aluminium, farbe:Schwarz, bearbeitungstyp :Eloxierung.

**Code**  
C-K100010



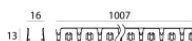
Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)  
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.  
Material:Aluminium, farbe:Aluminium, bearbeitungstyp :Eloxierung.

**Finish**  
**Code**  
C-F400003



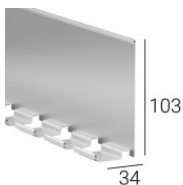
Klammer - Clip mit Zahnfeder mit Kabeldurchlass - Anodised Black Aluminium - für Rubber 3D (nicht für Rubber 3D PROtection)  
installationsposition: wand, decke L=50mm, H=41mm, D=21mm.  
Material:Aluminium, farbe:Schwarz, bearbeitungstyp :Eloxierung.

**Finish**  
**Code**  
C-F400004



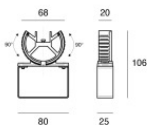
Profil - Flexibles Profil  
Material:Stahl AISI 304, farbe:Stahl.

**Code**  
C-K100011



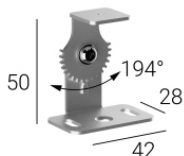
Blendschutz - Blendfreies Augenlid mit Fischgrätenmuster  
Blendschutzart: palpebra.  
Material:Aluminium 6060, farbe:Eloxiertes Aluminium, bearbeitungstyp :Anodisierung 20 µm.

**Finish**  
**Code**  
C-K100032



Tüte / Befestigungsset - KIPPVORRICHTUNG + HALTERUNG D68X20 - Transparent - für Rubber 3D (nicht Rubber 3D PROtection)

**Code**  
83352



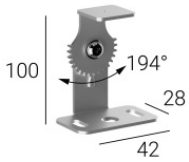
Tüte / Befestigungsset - Wandkipp-Set aus AISI 304-Stahl

**Code**  
C-K400168

# Rubber 3D Optic



Rubber 3D Optic | LED Strip | Accessories  
**82217N20**



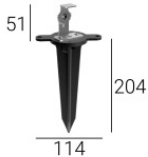
Tüte / Befestigungsset - Wandkipp-Set aus AISI 304-Stahl

**Code**  
C-K400169



Tüte / Befestigungsset - ZAPFEN + HALTERUNG ZAPFEN + HALTERUNG ZAPFEN + HALTERUNG D114X204 für Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel

**Code**  
83351



Tüte / Befestigungsset - Bodenpfahl mit kippbarer Halterung

**Code**  
C-F500004



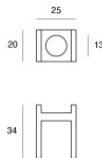
Tüte / Befestigungsset - Bodenpfahl mit kippbarer Halterung

**Code**  
C-F500005



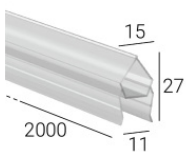
Endkappe  
 Material:, farbe:transparent.

**Code**  
99539



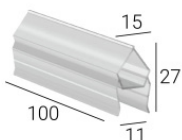
Lochschablone

**Code**  
C-V200005



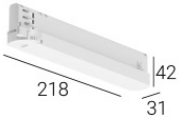
Profil  
 Material:Polycarbonat UV-beständige, farbe:transparent.

**Code**  
C-K100021



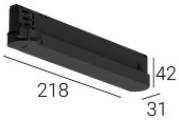
Profil  
 Material:Polycarbonat UV-beständige, farbe:transparent.

**Code**  
C-K100022



Elektronisches Zubehör  
installationsposition: decke L=218mm, H=42mm, D=31mm.  
Material:Kunststoff ABS, farbe:Weiß.

**Code**  
C-E300007



Elektronisches Zubehör  
installationsposition: decke L=218mm, H=42mm, D=31mm.  
Material:Kunststoff ABS, farbe:Schwarz.

**Code**  
C-E300008



Kabelklemme

**Code**  
98990



Stecker

**Code**  
89548



Strip Service - Doppelseitiges Klebeband 33 Meter

**Code**  
99520