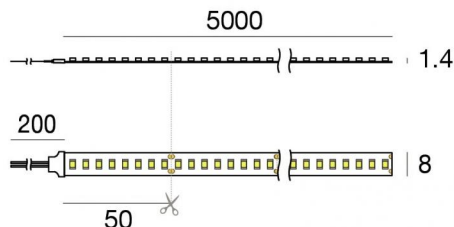
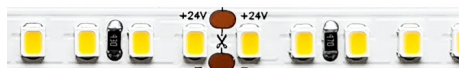


Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m
1434.8 Lm/m | CRI 95

C00509WHNDI



Technische Daten	
Länge	5000 mm
Minimaler Schnitt	50 mm
Typ	LED Strip
Installationsposition	Wand - Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Light emission direction	upward
Lampe Nennleistung	60 W DC
Lampenleistung / m	12 W / m
Lichtstrom (Lichtquelle)	7174 lm
Lichtstrom (Lichtquelle) / m	1434.8 lm / m
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	95 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP20
Glühdrahtprüfung	Nein
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.2 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Länge	5000 mm
Nettogewicht	0.36 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Gehäuse

Material	Technopolymer
Farbe	Weiß

Elektronik

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

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1434.8 Lm/m | CRI 95
C00509WHNDI

Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 800 stripled LEDs with CCT of 4000 K and a CRI 95; the source luminous flux is 7174 lm, with a 119.6 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.36 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 60 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

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

Energieeffizienzklasse



ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	100 %
Lichtstrom (Lichtquelle)	7174 lm
Leuchten Lichtstrom	7174 lm
Consumption	60 W
Leuchten Lichtausbeute	119 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	95 Ra
Standardumgebungstemperatur	-20 / +45°C

LED Life / Failure Ratio

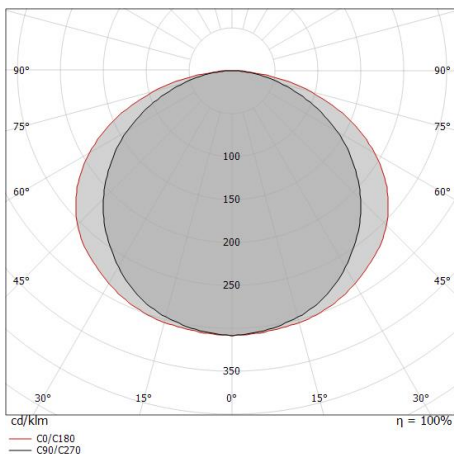
L70 B50 C0 54000h

UGR

UGR axial	29.6
UGR transversal	31.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C90/C270	115°
Optik C0/C180	133°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.57 2.29	E(0°) 8846 E(C90) 687 E(C0) 285
1.0	3.14 4.58	E(0°) 2212 E(C90) 172 E(C0) 71
1.5	4.71 6.87	E(0°) 983 E(C90) 76 E(C0) 32
2.0	6.28 9.16	E(0°) 553 E(C90) 43 E(C0) 18
2.5	7.85 11.44	E(0°) 354 E(C90) 27 E(C0) 11
3.0	9.42 13.73	E(0°) 246 E(C90) 19 E(C0) 8







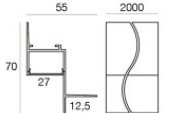
— C0/C180 (Half-peak divergence: 132.8°)
 — C90/C270 (Half-peak divergence: 115.0°)

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1434.8 Lm/m | CRI 95
C00509WHNDI

Components


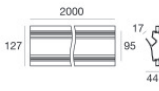
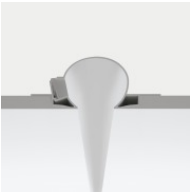
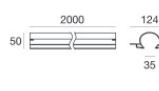

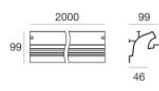

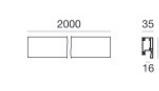
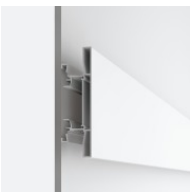
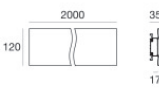

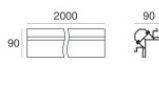
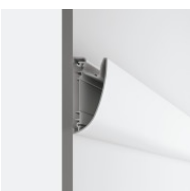
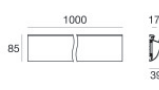

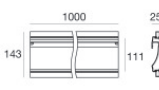
		LUNO_20/27 - Profili Modular	Code <u>C-K100017</u>
		LUNO_20/27 - Profili Modular	Code <u>C-K100018</u>
		Rive_17/16 - Profili Modular	Code <u>C-K100015</u>
		Rive_17/16 - Profili Modular	Code <u>C-K100016</u>
		Cela_18/18 - Profili Modular	Code <u>C-K100019</u>
		Cela_18/18 - Profili Modular	Code <u>C-K100020</u>
		Tabulo_35/14 - Profili Modular	Code <u>C-K100025</u>
		Fylo+ Recessed_2	Code <u>65007 - 65006</u>

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1434.8 Lm/m | CRI 95
C00509WHNDI

Components

		Fylo+ Recessed_1	Code <u>65027 - 65028</u>
		Fylo+ Recessed_4	Code <u>65009 - 65010</u>
		Fylo+ Recessed_5	Code <u>65012 - 65013</u>
		Fylo+ Surface_1	Code <u>65015 - 65016</u>
		Fylo+ Surface_2	Code <u>65018 - 65019</u>
		Fylo+ Surface_4	Code <u>65024 - 65025</u>
		Fylo+ Surface_3	Code <u>65022 - 65021</u>
		Fylo+ Recessed_3	Code <u>65004 - 65003</u>

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1434.8 Lm/m | CRI 95
C00509WHNDI

Components



Fylo+ Direct_1

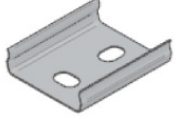
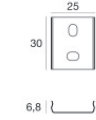

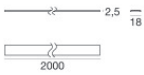












Code

65180 - 65181

Ribbon HD 160 LEDs/m



















Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

 <p>5x</p>	 <p>25 30 6,8</p>	<p>Federn für den Einbau - 5 Stück</p>	<p>Code <u>98420</u></p>
	 <p>2,5 18 2000</p>	<p>Diffusor Diffusorart: opalen diffusor. Material:PC, farbe:Opal.</p>	<p>Finish <u>Opaline</u> Code <u>98395</u></p>
	 <p>15 2000</p>	<p>Diffusor</p>	<p>Code <u>98941</u></p>
	 <p>15 2000</p>	<p>Diffusor</p>	<p>Code <u>98942</u></p>
	 <p>15 2000</p>	<p>Diffusor - Opalen Diffusor</p>	<p>Code <u>98943</u></p>
	 <p>24 2000</p>	<p>Diffusor</p>	<p>Code <u>98898</u></p>
	 <p>24 2000</p>	<p>Diffusor</p>	<p>Code <u>98899</u></p>
	 <p>24 2000</p>	<p>Diffusor</p>	<p>Code <u>98900</u></p>

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

		Diffusor		Code 98917
		Diffusor		Code 98925
		Diffusor Material:PC, farbe:Schwarz.	Finish Black	Code 83132
		Diffusor Material:PC, farbe:Opal.	Finish Opaline	Code C-K200001
		Diffusor Material:PC, farbe:Schwarz.	Finish Black	Code C-K200002
		Diffusor Material:PC, farbe:Opal.	Finish Opaline	Code C-K200003
		Diffusor Material:PC, farbe:Schwarz.	Finish Black	Code C-K200004
		Diffusor Material:PC, farbe:Opal.	Finish Opaline	Code C-K200005

Ribbon HD 160 LEDs/m




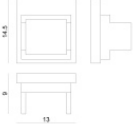

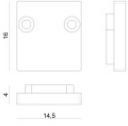

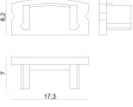

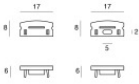

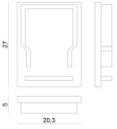

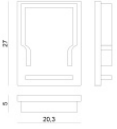

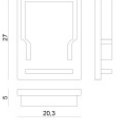

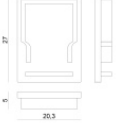
Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

	<p>Diffusor Material:PC, farbe:Opal.</p>	<p>Finish Opaline Code C-K200007</p>
	<p>Diffusor Material:PC, farbe:Schwarz.</p>	<p>Finish Black Code C-K200009</p>
	<p>Endkappe</p>	<p>Code <u>98418</u></p>
	<p>Endkappe - Verschlusskappe Material:PC, farbe:Weiß.</p>	<p>Code <u>98892</u></p>
	<p>Endkappe</p>	<p>Code <u>98928</u></p>
	<p>Endkappe</p>	<p>Code <u>98896</u></p>
	<p>Endkappe</p>	<p>Code <u>98902</u></p>
	<p>Endkappe Material:Aluminium, farbe:poliert.</p>	<p>Code <u>98907</u></p>

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

		Endkappe Material:PC, farbe:Weiß.	Code <u>98922</u>
		Endkappe Material:PC, farbe:Weiß.	Code <u>98918</u>
		Endkappe Material:PC, farbe:Schwarz.	Code <u>83133</u>
		Endkappe Material:Kunststoff, farbe:Grau.	Code <u>C-V400023</u>
		Endkappe Material:Kunststoff, farbe:Grau.	Code <u>C-V400019</u>
		Endkappe Material:Kunststoff ABS, farbe:Schwarz.	Code <u>C-V400020</u>
		Endkappe Material:Kunststoff, farbe:Grau.	Code <u>C-V400021</u>
		Endkappe Material:Kunststoff ABS, farbe:Schwarz.	Code <u>C-V400022</u>

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400025</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400027</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400029</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400031</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400033</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400035</u></p>
		<p>Endkappe Material:Kunststoff ABS, farbe:Schwarz.</p>	<p>Code <u>C-V400036</u></p>
		<p>Endkappe Material:Kunststoff ABS, farbe:Schwarz.</p>	<p>Code <u>C-V400038</u></p>

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400037</u></p>
		<p>Endkappe Material:Kunststoff, farbe:Grau.</p>	<p>Code <u>C-V400041</u></p>
		<p>Klammer - Montagehalterung L=19mm, H=8mm, D=9mm. Material:Eisen, farbe:Zink, bearbeitungstyp :Waschen.</p>	<p>Code <u>98944</u></p>
		<p>Klammer L=9mm, H=8.8mm, D=21.8mm. Material:Eisen, farbe:poliert, bearbeitungstyp :Waschen.</p>	<p>Code <u>98931</u></p>
		<p>Klammer L=22mm, H=21.5mm, D=16.4mm. Material:PC, farbe:transparent.</p>	<p>Finish Transp. Code <u>98904</u></p>
		<p>Klammer L=12mm, H=15mm, D=30mm. Material:PC, farbe:Weiß.</p>	<p>Finish White Code <u>98901</u></p>
		<p>Profil Material:Aluminium 6060, farbe:Eloxiertes Aluminium, bearbeitungstyp :Anodisierung 20 µm.</p>	<p>Code <u>98921</u></p>
		<p>Stecker - Schneller Anschluss für Ribbon Basic V2 8mm, Ribbon HD 8mm (nicht Ribbon COB) Länge 21,6 mm.</p>	<p>Code <u>83396</u></p>

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHNDI

		<p>Stecker - Schneller Anschluss für Ribbon Basic V2 8mm, Ribbon HD 8mm (nicht Ribbon COB) Länge 15,4 mm.</p>	<p>Code <u>83397</u></p>
		<p>Stecker - Schneller Anschluss für Ribbon Plus 10mm - Ribbon PRO - Ribbon PRO 48V Länge 21,6 mm.</p>	<p>Code <u>83398</u></p>
		<p>Stecker Länge 15,4 mm.</p>	<p>Code <u>83399</u></p>
		<p>Optik Lichtverteilung: medium flood, Material Verkleidung: pc</p>	<p>Code <u>C-U100001</u></p>
		<p>Tüte / Befestigungsset</p>	<p>Code <u>C-K100027</u></p>
		<p>Tüte / Befestigungsset</p>	<p>Code <u>C-K100028</u></p>
		<p>Tüte / Befestigungsset</p>	<p>Code <u>C-K100029</u></p>