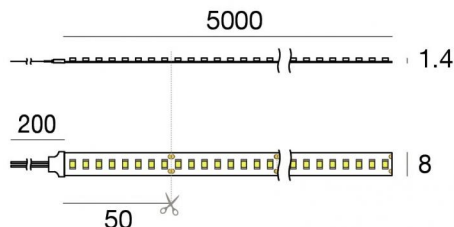
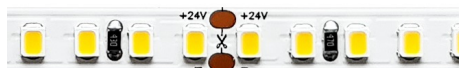


# Ribbon HD 160 LEDs/m



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

**C00509WHNDI**



## Données techniques

Longueur	5000 mm
Coupe minimale	50 mm
Typologie	Bande LED
Position d'installation	Mur - Plafond
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	topLED
Optique	Diffus
Light emission direction	upward
Puissance nominale	60 W DC
Flux lumineux (source)	7174 lm
Température de couleur / Tone	4000 K
Indice de rendu chromatique	95 Ra
C.C. / V.C.	CV
Classe d'isolation	3
IP	IP20
Essai au fil incandescent	Non
Montage direct sur des surfaces normalement inflammables	Oui
CE	Oui
Driver inclus	Non
Article à intensité variable	DALI - 1-10V
Orientable	Non
Basculément	Non
Piétinable	Non
Carrossable	Non
Câble inclus	Oui
Longueur du câble	0.2 m
Revêtement en résine	Non
Type d'émission lumineuse	Émission simple
Longueur	5000 mm
Poids net	0.36 Kg
Protection contre les décharges électrostatiques	Non
Protection contre les surtensions	Non

## Finition corps

Matériau	Technopolymère
Couleur	blanc

## Électronique

	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



Bande LED | 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.

## Classe d'efficacité énergétique



Ce produit contient une source lumineuse de classe d'efficacité énergétique E.

## Caractéristiques Techniques de l'éclairage

Light Output Ratio (LOR)	100 %
Flux lumineux (source)	7174 lm
Flux lumineux du luminaire	7174 lm
Consumption	60 W
Efficacité lumineuse du luminaire	119 lm/W
Température de couleur	4000 K
Standards de Concordance de Couleur	3 Step MacAdam
Indice de rendu chromatique	95 Ra

Température standard de l'environnement de -20 / +45°C

## LED Life / Failure Ratio

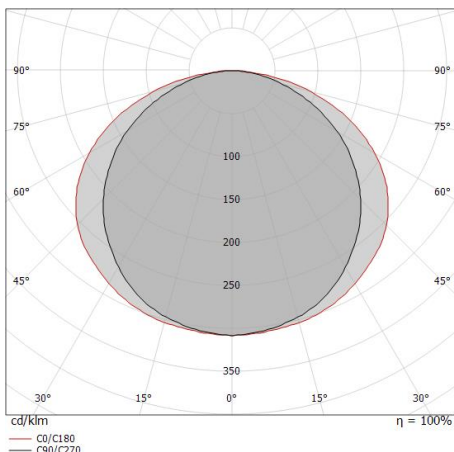
L70 B50 C0 54000h

## UGR

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

## OPTICAL

Optique C90/C270	115°
Optique 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



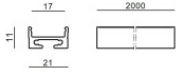

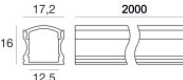


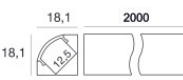




— C0/C180 (Half-peak divergence: 132.8°)  
 — C90/C270 (Half-peak divergence: 115.0°)

# Ribbon HD 160 LEDs/m



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

## Components

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

# Ribbon HD 160 LEDs/m



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

## Components

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

# Ribbon LED 160 LEDs/m



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

## Components



Fylo+ Direct\_1

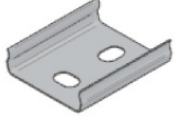
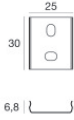

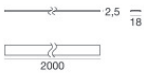












**Code**

65180 - 65181

# Ribbon HD 160 LEDs/m



















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

		<p>Ressorts pour encastrement - 5 pièces</p>	<p><b>Code</b>  <u>98420</u></p>
		<p>Diffuseur            Type de diffuseur: diffuseur opaline.            Matériau:PC, couleur:opalin.</p>	<p><b>Finish</b>  <u>Opaline</u>      <b>Code</b>  <u>98395</u></p>
		<p>Diffuseur</p>	<p><b>Code</b>  <u>98941</u></p>
		<p>Diffuseur</p>	<p><b>Code</b>  <u>98942</u></p>
		<p>Diffuseur - Diffuseur Opaline</p>	<p><b>Code</b>  <u>98943</u></p>
		<p>Diffuseur</p>	<p><b>Code</b>  <u>98898</u></p>
		<p>Diffuseur</p>	<p><b>Code</b>  <u>98899</u></p>
		<p>Diffuseur</p>	<p><b>Code</b>  <u>98900</u></p>

# Ribbon HD 160 LEDs/m



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

		Diffuseur		<b>Code</b> 98917
		Diffuseur		<b>Code</b> 98925
		Diffuseur Matériau:PC, couleur:noir.	<b>Finish</b> Black	<b>Code</b> 83132
		Diffuseur Matériau:PC, couleur:opalin.	<b>Finish</b> Opaline	<b>Code</b> C-K200001
		Diffuseur Matériau:PC, couleur:noir.	<b>Finish</b> Black	<b>Code</b> C-K200002
		Diffuseur Matériau:PC, couleur:opalin.	<b>Finish</b> Opaline	<b>Code</b> C-K200003
		Diffuseur Matériau:PC, couleur:noir.	<b>Finish</b> Black	<b>Code</b> C-K200004
		Diffuseur Matériau:PC, couleur:opalin.	<b>Finish</b> Opaline	<b>Code</b> C-K200005

# Ribbon HD 160 LEDs/m



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



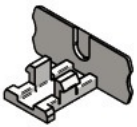
Diffuseur  
 Matériau:PC, couleur:opalin.

**Finish**  
 Opaline **Code**  
 C-K200007



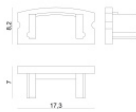
Diffuseur  
 Matériau:PC, couleur:noir.

**Finish**  
 Black **Code**  
 C-K200009



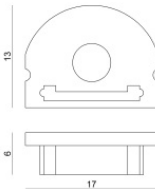
Bouchon

**Code**  
 98418



Bouchon - Bouchon de fermeture  
 Matériau:PC, couleur:blanc.

**Code**  
 98892



Bouchon

**Code**  
 98928



Bouchon

**Code**  
 98896



Bouchon

**Code**  
 98902



Bouchon  
 Matériau:Aluminium, couleur:brillant.


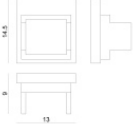

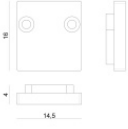

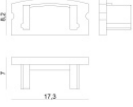



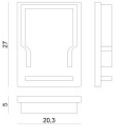

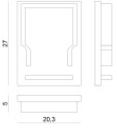

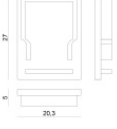

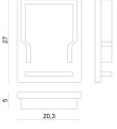
**Code**  
 98907



# Ribbon HD 160 LEDs/m




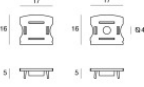
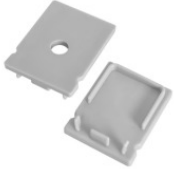
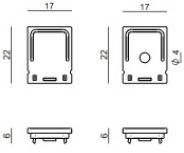

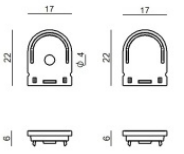

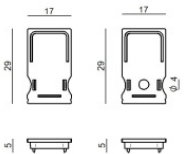

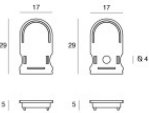

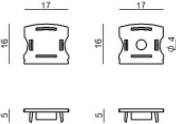

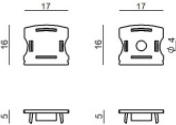

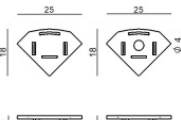
Ribbon HD 160 LEDs/m | LED Strip | Accessories  
**C00509WHNDI**

		<p>Bouchon Matériau:PC, couleur:blanc.</p>	<p><b>Code</b> <u>98922</u></p>
		<p>Bouchon Matériau:PC, couleur:blanc.</p>	<p><b>Code</b> <u>98918</u></p>
		<p>Bouchon Matériau:PC, couleur:noir.</p>	<p><b>Code</b> <u>83133</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400023</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400019</u></p>
		<p>Bouchon Matériau:Plastique ABS, couleur:noir.</p>	<p><b>Code</b> <u>C-V400020</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400021</u></p>
		<p>Bouchon Matériau:Plastique ABS, couleur:noir.</p>	<p><b>Code</b> <u>C-V400022</u></p>

# Ribbon HD 160 LEDs/m



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

		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400025</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400027</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400029</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400031</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400033</u></p>
		<p>Bouchon Matériau:plastique, couleur:gris.</p>	<p><b>Code</b> <u>C-V400035</u></p>
		<p>Bouchon Matériau:Plastique ABS, couleur:noir.</p>	<p><b>Code</b> <u>C-V400036</u></p>
		<p>Bouchon Matériau:Plastique ABS, couleur:noir.</p>	<p><b>Code</b> <u>C-V400038</u></p>

# Ribbon HD 160 LEDs/m



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

		<p>Bouchon            Matériau:plastique, couleur:gris.</p>	<p><b>Code</b>  <u>C-V400037</u></p>
		<p>Bouchon            Matériau:plastique, couleur:gris.</p>	<p><b>Code</b>  <u>C-V400041</u></p>
		<p>Étrier - Support de montage            L=19mm, H=8mm, D=9mm.            Matériau:Fer, couleur:zinc, fabrication :Lavage.</p>	<p><b>Code</b>  <u>98944</u></p>
		<p>Étrier            L=9mm, H=8.8mm, D=21.8mm.            Matériau:Fer, couleur:brillant, fabrication :Lavage.</p>	<p><b>Code</b>  <u>98931</u></p>
		<p>Étrier            L=22mm, H=21.5mm, D=16.4mm.            Matériau:PC, couleur:transparent.</p>	<p><b>Finish</b>  <span style="border: 1px solid black; padding: 2px;">Transp.</span> <b>Code</b>  <u>98904</u></p>
		<p>Étrier            L=12mm, H=15mm, D=30mm.            Matériau:PC, couleur:blanc.</p>	<p><b>Finish</b>  <span style="border: 1px solid black; padding: 2px;">White</span> <b>Code</b>  <u>98901</u></p>
		<p>Profil            Matériau:Aluminium 6060, couleur:Aluminium Anodisé, fabrication :Anodisation 20 µm.</p>	<p><b>Code</b>  <u>98921</u></p>
		<p>Connecteur - Connecteur rapide pour Ribbon Basic V2 8mm, Ribbon HD 8mm (non Ribbon COB)            Longueur 21,6 mm.</p>	<p><b>Code</b>  <u>83396</u></p>

# Ribbon HD 160 LEDs/m



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

		<p>Connecteur - Connecteur rapide pour Ribbon Basic V2 8mm, Ribbon HD 8mm (non Ribbon COB)                  Longueur 15,4 mm.</p>	<p><b>Code</b>  <u>83397</u></p>
		<p>Connecteur - Connecteur rapide pour Ribbon Plus 10mm - Ribbon PRO - Ribbon PRO 48V                  Longueur 21,6 mm.</p>	<p><b>Code</b>  <u>83398</u></p>
		<p>Connecteur                  Longueur 15,4 mm.</p>	<p><b>Code</b>  <u>83399</u></p>
		<p>Optique                  Distribution de la lumière: medium flood, Matériau revêtement: pc</p>	<p><b>Code</b>  <u>C-U100001</u></p>
		<p>Sac / Kit de fixation</p>	<p><b>Code</b>  <u>C-K100027</u></p>
		<p>Sac / Kit de fixation</p>	<p><b>Code</b>  <u>C-K100028</u></p>
		<p>Sac / Kit de fixation</p>	<p><b>Code</b>  <u>C-K100029</u></p>