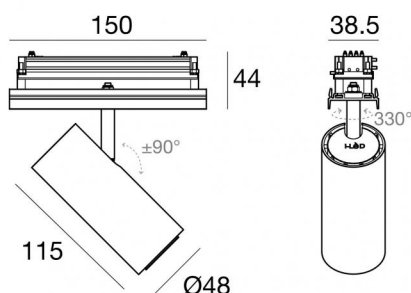




Systèmes - Éléments linéaires | 1 arrayLED 13 W DC 24 V | CRI 90
83730N60



Données techniques	
Typologie	Systèmes - Éléments linéaires
Environnement d'installation	Intérieur
Source lumineuse	LED
Circuit structure	arrayLED
Optique	Medium Wide Flood
Light emission direction	frontal
Puissance nominale	13 W DC
Flux lumineux (source)	1660 lm
Plage de tension d'entrée	24 V
Température de couleur / Tone	4000 K
Indice de rendu chromatique	90 Ra
C.C. / V.C.	CV
Classe d'isolation	3
IP	IP20
Essai au fil incandescent	850°
Montage direct sur des surfaces normalement inflammables	Non
CE	Oui
Driver inclus	Non
C.V. - C.C. Converter	Convertisseur 24 V inclus
Article à intensité variable	DALI
Orientable	Orientable
angle total (plan vertical)	330 °
angle total (plan horizontal)	90 °
Basculement	Non
Piétinable	Non
Carrossable	Non
Câble inclus	Non
Revêtement en résine	Non
Type d'émission lumineuse	Émission simple
Poids net	0.326 Kg
Protection contre les décharges électrostatiques	Non
Protection contre les surtensions	Non

Finition corps	
Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	Blanc
Fabrication	Revêtement en poudre
Finition diffuseur	
Matériau	PMMA
Couleur	transparent
Finition montage	
Matériau	Aluminium moulé sous pression EN AB - 46100
Couleur	Blanc
Fabrication	Revêtement en poudre

Systèmes - Éléments linéaires | 1 arrayLED 13 W DC 24 V | CRI 90 83730N60

Single emission systems or lines for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1660 lm, with a 127.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of pmma; the mounting frame is made of die-cast aluminium en ab - 46100, with a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.326 kg.

The total absorbed power is 13 W.

The device features protection class III.

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)	60 %
Flux lumineux (source)	1660 lm
Flux lumineux du luminaire	1011 lm
Consumption	12 W
Efficacité lumineuse du luminaire	84 lm/W
Température de couleur	4000 K
Standards de Concordance de Couleur	2 Step MacAdam
Indice de rendu chromatique	90 Ra

Température standard de l'environnement de	-20 / +50°C
Température typique sur le verre	40°C

LED Life / Failure Ratio

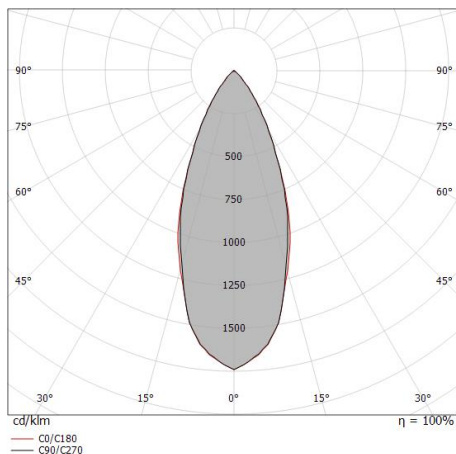
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	22.7
UGR transversal	22.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optique C0/C180	41°
Light distribution simmetry	Symmetrical



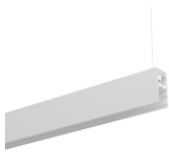
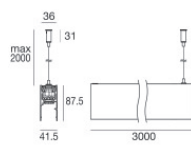

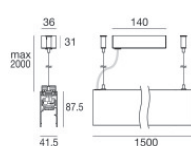
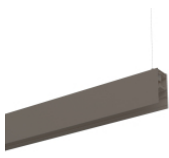
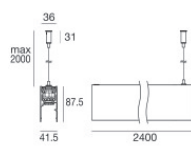
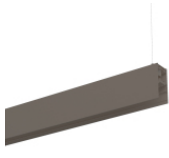
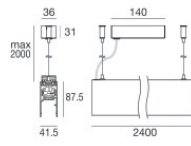
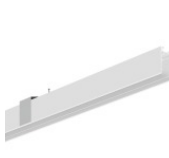
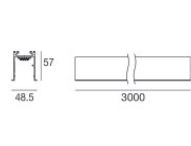

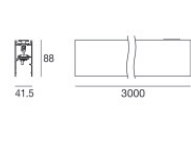

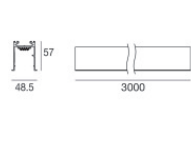

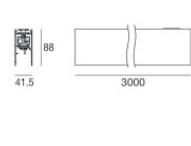
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.38 0.39	E(0°) 7042 E(C90) 2889 E(C0) 2858
1.0	0.76 0.78	E(0°) 1760 E(C90) 722 E(C0) 715
1.5	1.13 1.16	E(0°) 782 E(C90) 321 E(C0) 318
2.0	1.51 1.55	E(0°) 440 E(C90) 181 E(C0) 179
2.5	1.89 1.94	E(0°) 282 E(C90) 116 E(C0) 114
3.0	2.27 2.33	E(0°) 196 E(C90) 80 E(C0) 79

— C0/C180 (Half-peak divergence: 42.4°)
— C90/C270 (Half-peak divergence: 41.4°)



Systèmes - Éléments linéaires | 1 arrayLED 13 W DC 24 V | CRI 90
83730N60

Components

		Modus_MP Slave	<p style="text-align: right;">Code</p> <p>83786 - 83716 - 83718 - 83788 - 83787 - 83789 - 83717 - 83719</p>
		Modus_MP Master	<p style="text-align: right;">Code</p> <p>83783 - 83782 - 83785 - 83714 - 83712 - 83715 - 83784 - 83713</p>
		Modus_MP Slave Dynamic-White	<p style="text-align: right;">Code</p> <p>83797 - 83796 - 83798 - 83795 - 83847 - 83846 - 83849 - 83848</p>
		Modus_MP Master Dynamic-White	<p style="text-align: right;">Code</p> <p>83794 - 83793 - 83792 - 83791 - 83842 - 83845 - 83843 - 83844</p>
		Modus_MC Master	<p style="text-align: right;">Code</p> <p>C00166WHEZZ - C00167WHEZZ - C00168WHEZZ - C00169WHEZZ</p>
		Modus_MS Slave	<p style="text-align: right;">Code</p> <p>C00069BUEZZ - C00069WHEZZ - C00070BUEZZ - C00070WHEZZ - C00071BUEZZ - C00071WHEZZ - C00072BUEZZ - C00072WHEZZ</p>
		Modus_MC	<p style="text-align: right;">Code</p> <p>C00170WHEZZ - C00171WHEZZ - C00172WHEZZ - C00173WHEZZ</p>
		Modus_MS Master	<p style="text-align: right;">Code</p> <p>C00065BUEZZ - C00065WHEZZ - C00066BUEZZ - C00066WHEZZ - C00067BUEZZ - C00067WHEZZ - C00068BUEZZ - C00068WHEZZ</p>



Systèmes - Éclairages linéaires | 1 arrayLED 13 W DC 24 V | CRI 90
83730N60

Components



Optique
Distribution de la lumière: spot, Matériau revêtement: polycarbonate résistant aux uv

Code
99805



Optique
Distribution de la lumière: medium flood, Matériau revêtement: polycarbonate résistant aux uv, polycarbonate résistant aux uv, polycarbonate résistant aux uv

Code
99806



Optique
Distribution de la lumière: flood, Matériau revêtement: polycarbonate résistant aux uv, polycarbonate résistant aux uv, polycarbonate résistant aux uv

Code
99807



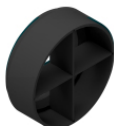
Diffuseur
Type de diffuseur: filtro ellittico.
Matériau: Pom-C, couleur: Noir.

Code
99775



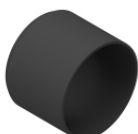
anti-éblouissement
Type anti-éblouissement: grille en nid d'abeille.
Matériau: Pom-C, couleur: Noir.

Code
99776



anti-éblouissement
Type anti-éblouissement: frangiluce a croce.
Matériau: Pom-C, couleur: Noir.

Code
99777



anti-éblouissement
Type anti-éblouissement: schermo cilindrico.
Matériau: Pom-C, couleur: Noir.

Code
99774



anti-éblouissement
Type anti-éblouissement: schermo cilindrico 45°.
Matériau: Pom-C, couleur: Noir.

Code
99773