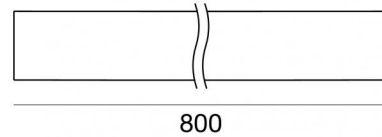
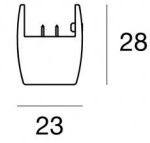


Ink system_L UGR



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90
83971W30



Technical data	
Designer	Linea Light
Construction year	2020
Type	Cabled - -
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	14 W DC
Source lumens	1282 lm
Input voltage range	24 V
Frequency	50-60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
C.V. - C.C. Converter	Converter 24V included
Dimmable article	DALI-2 - P2P
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.410 Kg
Electrostatic discharge protection	No
Surge protection	No


Finishing casing


Material	Aluminium
Processing	Coating


Finishing diffuser

Material	PMMA
Colour	transparent

Electronics

 81416
On/Off Driver 220~240V AC 120 W (1 - 8 art.)

 81417
On/Off Driver 220~240V AC 180 W (1 - 12 art.)

 84018
DALI - DALI-2 - P2P Controller 24V DC 150 W (1 - 10 art.)



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90 | Base
83971W30

Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 36 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1282 lm, with a 91.6 lm/W nominal luminous efficacy.

The device body is made of aluminium, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP40; the total weight is of 0.410 kg.

The total absorbed power is 14 W.

The device features protection class III and can be cable-mounted.

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

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	40 %
Source lumens	1282 lm
Delivered lumens	520 lm
Consumption	14 W
Luminaire efficacy	37 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

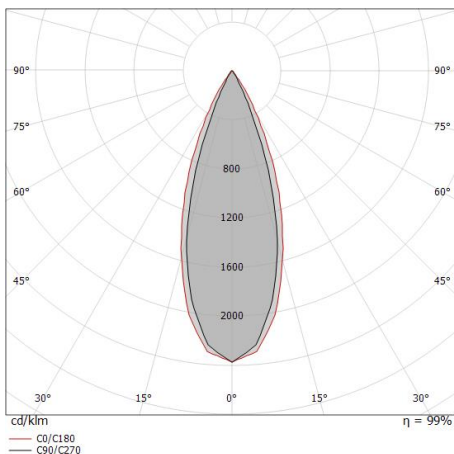
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	3.8
UGR transversal	10.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	34°
C0/C180 optics	39°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.31 0.35	4938	2163	2078
1.0	0.62 0.71	1234	541	519
1.5	0.92 1.06	549	240	231
2.0	1.23 1.42	309	135	130
2.5	1.54 1.77	198	87	83
3.0	1.85 2.12	137	60	58

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 39.0°)
— C90/C270 (Half-peak divergence: 34.2°)



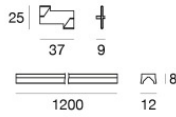
Ink system_L UGR | Lines | Accessories
83971W30

		<p>Profile - Kit 5 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81426</u></p>
		<p>Profile - Kit 2 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81430</u></p>
		<p>Cable cover Material:PC, processing:Coating.</p>	<p>Code <u>81424</u></p>
		<p>Junction Type linear. Material:PC, processing:Coating.</p>	<p>Code <u>81418</u></p>
		<p>Junction - Electrified black L connector Type linear. Material:PC, processing:Coating.</p>	<p>Code <u>81419</u></p>
		<p>Junction Type linear. Material:PC, processing:Coating.</p>	<p>Code <u>81420</u></p>
		<p>Closing cap - Electrified black closing plug Material:PC, processing:Coating.</p>	<p>Code <u>81421</u></p>
		<p>Profile Material:Aluminium, processing:Coating.</p>	<p>Code <u>84010</u></p>

Ink system_L UGR



Ink system_L UGR | Lines | Accessories
83971W30



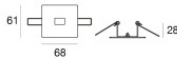
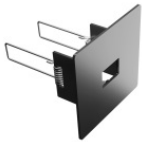
Profile
Material:Aluminium, processing:Coating.

Code
84011



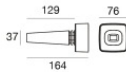
Bracket - 2X
installation position: wall lights, ceiling.
Material:Aluminium, processing:Coating.

Finish
 Code
84017



Cable cover - 2X
Material:Iron, processing:Coating.

Code
81422



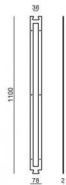
Cable cover - 2X
Material:Rubber, colour:black.

Code
81423



Cables for suspension
Material:Aluminium, processing:Coating.

Code
81425



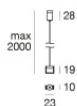
Template

Code
83186



Tool

Code
81427



Cables for suspension
Material:Aluminium, processing:Coating.

Code
83426



	Finish	Code
Track Length: 1000mm. Material:Aluminium, processing:Coating.		<u>83432</u>

	Finish	Code
Track Length: 2000mm. Material:Aluminium, processing:Coating.		<u>83434</u>

	Finish	Code
Junction Material:Aluminium, processing:Coating.		<u>83436</u>

	Finish	Code
Junction Material:Aluminium, processing:Coating.		<u>83438</u>

	Finish	Code
Junction Material:Aluminium, processing:Coating.		<u>83440</u>







	Code
Junction	<u>83442</u>

	Code
Cables for suspension Material:Aluminium, processing:Coating.	<u>83443</u>

	Code
Cable Length 1000 mm; colors: black.	<u>83445</u>



Ink system_L UGR | Lines | Accessories
83971W30

	<p>Cable Length 1000 mm; colors: black.</p>	<p>Code <u>83446</u></p>
 	<p>Cable Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.</p>	<p>Code <u>84016</u></p>
 	<p>Cable Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.</p>	<p>Code <u>81411</u></p>
 	<p>Cable Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.</p>	<p>Code <u>81410</u></p>