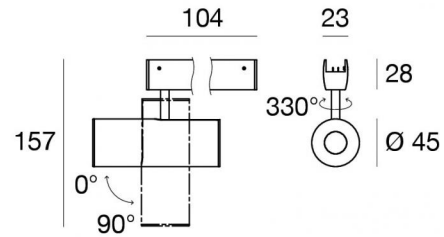


Ink system_SP



Systems - Lines | 1 topLED 10 W DC 24 V | CRI 90
83946W45



Technical data	
Designer	Linea Light
Construction year	2020
Type	Cabled - -
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Medium Wide Flood
Light emission direction	frontal
Nominal power	10 W DC
Source lumens	1068 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 - 1-10V - PUSH DIM
Directional	Swivelling
total angle (vertical plane)	330 °
Tilting	Yes
total angle (horizontal plane)	90 °
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.445 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb

Finishing casing

Material	Aluminium
Processing	Coating




Finishing diffuser

Material	PMMA
Colour	transparent

Finishing mounting frame

Material	Aluminium
Processing	Coating

Electronics

	81416 On/Off Driver 220~240V AC 120 W (1 - 12 art.)
	81417 On/Off Driver 220~240V AC 180 W (1 - 18 art.)
	83042 1-10V - Push and Simply Dim - DALI-2 Controller (1 - 28 art.)



Systems - Lines | 1 topLED 10 W DC 24 V | CRI 90 | Base
83946W45

Single emission systems or lines for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1068 lm, with a 106.8 lm/W nominal luminous efficacy.

The device body is made of aluminium, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, processed by means of coating. The ingress protection degree is IP40; the total weight is of 0.445 kg.

The total absorbed power is 10 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)	62 %
Source lumens	1068 lm
Delivered lumens	663 lm
Consumption	10 W
Luminaire efficacy	66 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

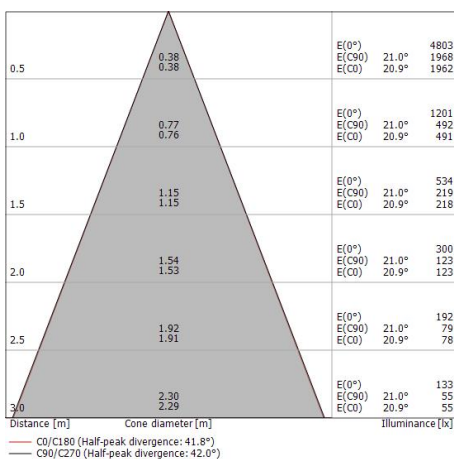
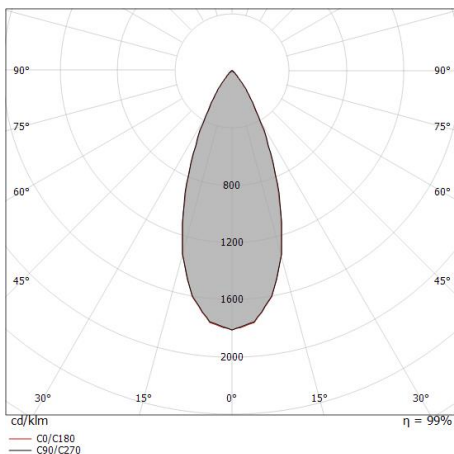
L80 B20 C0 80000h (at Tj 85 Ta 25)

UGR

UGR axial	22
UGR transversal	21.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	42°
Light distribution simmetry	Symmetrical



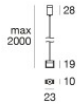


Ink system_SP | Lines | Accessories
83946W45

		<p>Profile Material:Aluminium, processing:Coating.</p>	<p>Code 84010</p>
		<p>Profile Material:Aluminium, processing:Coating.</p>	<p>Code 84011</p>
		<p>Bracket - 2X installation position: wall lights, ceiling. Material:Aluminium, processing:Coating.</p>	<p>Finish Code 84017</p>
		<p>Cable cover - 2X Material:Iron, processing:Coating.</p>	<p>Code 81422</p>
		<p>Cable cover - 2X Material:Rubber, colour:black.</p>	<p>Code 81423</p>
		<p>Cables for suspension Material:Aluminium, processing:Coating.</p>	<p>Code 81425</p>
		<p>Template</p>	<p>Code 83186</p>
		<p>Tool</p>	<p>Code 81427</p>



Ink system_SP | Lines | Accessories
83946W45



Cables for suspension
 Material:Aluminium, processing:Coating.

Code
83426

Track
 Length: 1000mm.
 Material:Aluminium, processing:Coating.

Finish
████████ **Code**
83432

Track
 Length: 2000mm.
 Material:Aluminium, processing:Coating.

Finish
████████ **Code**
83434

Junction
 Material:Aluminium, processing:Coating.

Finish
████████ **Code**
83436

Junction
 Material:Aluminium, processing:Coating.

Finish
████████ **Code**
83438

Junction
 Material:Aluminium, processing:Coating.

Finish
████████ **Code**
83440

Junction

Code
83442

Cables for suspension
 Material:Aluminium, processing:Coating.

Code
83443



Ink system_SP | Lines | Accessories
83946W45

	<p>Cable Length 1000 mm; colors: black.</p>	<p>Code <u>83445</u></p>
	<p>Cable Length 1000 mm; colors: black.</p>	<p>Code <u>83446</u></p>
 	<p>Closing cap - Electrified black closing plug Material:PC, processing:Coating.</p>	<p>Code <u>81421</u></p>
 	<p>Junction Type linear. Material:PC, processing:Coating.</p>	<p>Code <u>81420</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>81418</u></p>
 	<p>Cable cover Material:PC, processing:Coating.</p>	<p>Code <u>81424</u></p>
 	<p>Profile - Kit 2 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81430</u></p>



Ink system_SP | Lines | Accessories
83946W45



Profile - Kit 5 x

Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code

81426



Cable

Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code

84016



Cable

Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code

81411



Cable

Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code

81410