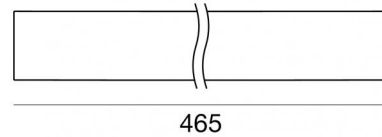
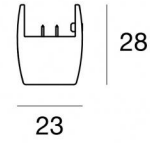


# Ink system\_L UGR



Systems - Lines | 18 topLED 7 W DC 24 V | CRI 90  
83970W30



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	7 W DC
Source lumens	641 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	0.266 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 - 17 art.)
	81417 On/Off Driver 220~240V AC 180 W (1 - 25 art.)
	84018 DALI - DALI-2 - P2P Controller 24V DC 150 W (1 - 21 art.)



Systems - Lines | 18 topLED 7 W DC 24 V | CRI 90 | Base 83970W30

Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 18 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 641 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 0.266 kg.

The total absorbed power is 7 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	641 lm
Delivered lumens	260 lm
Consumption	7 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

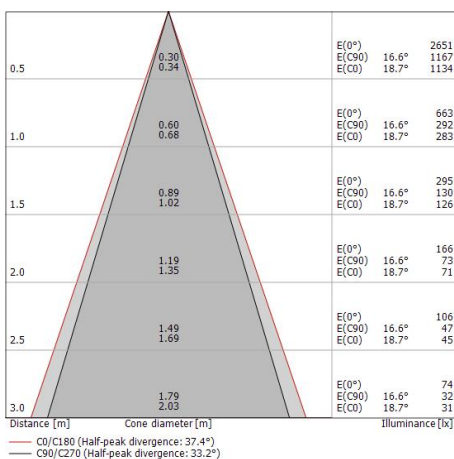
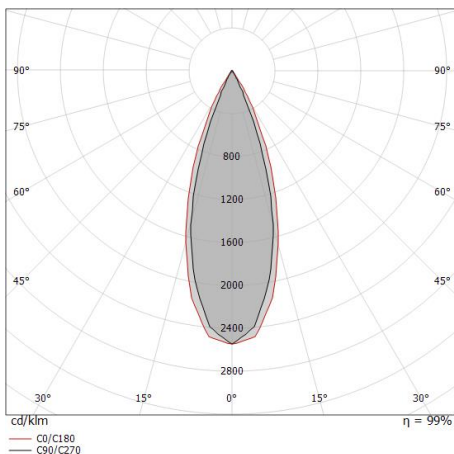
L70 B20 C0 72500h (at Tj 115 Ta 25)

## UGR

UGR axial	2.9
UGR transversal	9.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	33°
C0/C180 optics	37°
Light distribution simmetry	Symmetrical 2 assis





Ink system\_L UGR | Lines | Accessories  
**83970W30**

		<p>Junction                      Type linear.                      Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81418</u></p>
		<p>Junction - Electrified black L connector                      Type linear.                      Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81419</u></p>
		<p>Junction                      Type linear.                      Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81420</u></p>
		<p>Junction                      Material:Aluminium, processing:Coating.</p>	<p><b>Finish</b>    <u>83436</u></p>
		<p>Junction</p>	<p><b>Code</b>  <u>83442</u></p>
		<p>Junction                      Material:Aluminium, processing:Coating.</p>	<p><b>Finish</b>    <u>83438</u></p>
		<p>Junction                      Material:Aluminium, processing:Coating.</p>	<p><b>Finish</b>    <u>83440</u></p>
		<p>Cable                      Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: black - red.</p>	<p><b>Code</b>  <u>81410</u></p>



		<p><b>Cable</b>                      Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: black - red.</p>	<p><b>Code</b>  <u>81411</u></p>
		<p><b>Cable</b>                      Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: black - red.</p>	<p><b>Code</b>  <u>84016</u></p>
		<p><b>Cable</b>                      Length 1000 mm; colors: black.</p>	<p><b>Code</b>  <u>83445</u></p>
		<p><b>Cable</b>                      Length 1000 mm; colors: black.</p>	<p><b>Code</b>  <u>83446</u></p>
		<p><b>Cables for suspension</b>                      Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>81425</u></p>
		<p><b>Cables for suspension</b>                      Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>83426</u></p>
		<p><b>Cables for suspension</b>                      Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>83443</u></p>
		<p><b>Profile - Kit 5 x</b>                      Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p><b>Code</b>  <u>81426</u></p>



Ink system\_L UGR | Lines | Accessories  
**83970W30**

		<p>Profile - Kit 2 x                  Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p><b>Code</b>  <u>81430</u></p>
		<p>Profile                  Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>84010</u></p>
		<p>Profile                  Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>84011</u></p>
		<p>Cable cover - 2X                  Material:Rubber, colour:black.</p>	<p><b>Code</b>  <u>81423</u></p>
		<p>Cable cover - 2X                  Material:Iron, processing:Coating.</p>	<p><b>Code</b>  <u>81422</u></p>
		<p>Cable cover                  Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81424</u></p>
		<p>Closing cap - Electrified black closing plug                  Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81421</u></p>
		<p>Tool                  Material:steel, colour:steel.</p>	<p><b>Code</b>  <u>81427</u></p>

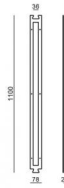


Ink system\_L UGR | Lines | Accessories  
**83970W30**



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

Finish	Code
	84017



Template  
Material:Iron, colour:5G 9005 Black, processing:Coating.

Code
83186

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

Finish	Code
	83432

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

Finish	Code
	83434