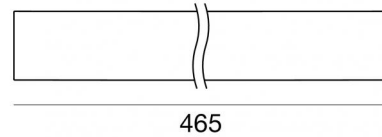
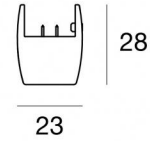




Systems - Lines | 36 topLED 11 W DC 24 V | CRI 90  
83968W00



Technical data	
Designer	Linea Light
Construction year	2020
Type	Cabled - -
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	11 W DC
Source lumens	1040 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	850°
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	PC
Colour	opaline

### Electronics

	81416 On/Off Driver 220~240V AC 120 W (1 - 10 art.)
	81417 On/Off Driver 220~240V AC 180 W (1 - 16 art.)
	84018 DALI - DALI-2 - P2P Controller 24V DC 150 W (1 - 13 art.)



Systems - Lines | 36 topLED 11 W DC 24 V | CRI 90 | Base  
83968W00

Single emission systems or lines for indoor application. The warm white LED light source with a diffused light distribution is composed of 36 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1040 lm, with a 94.5 lm/W nominal luminous efficacy.

The device body is made of aluminium, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP40; the total weight is of 0.266 kg.

The total absorbed power is 11 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)	38 %
Source lumens	1040 lm
Delivered lumens	396 lm
Consumption	11 W
Luminaire efficacy	36 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

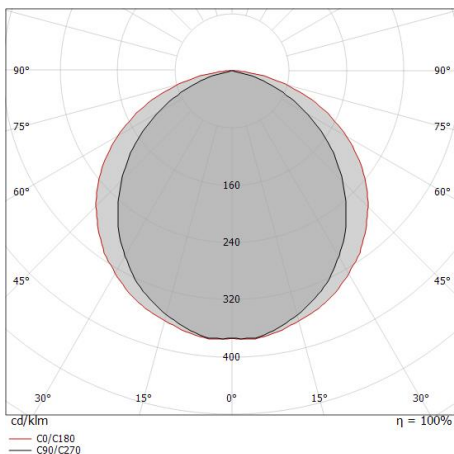
L70 B20 C0 72500h (at Tj 115 Ta 25 )

### UGR

UGR axial	25.5
UGR transversal	28.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	100°
C0/C180 optics	119°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.20 1.70	E(0°) 593 E(C90) 79 E(C0) 39
1.0	2.39 3.41	E(0°) 148 E(C90) 20 E(C0) 10
1.5	3.59 5.11	E(0°) 66 E(C90) 9 E(C0) 4
2.0	4.78 6.82	E(0°) 37 E(C90) 5 E(C0) 2
2.5	5.98 8.52	E(0°) 24 E(C90) 3 E(C0) 2
3.0	7.18 10.23	E(0°) 16 E(C90) 2 E(C0) 1

— C0/C180 (Half-peak divergence: 119.2°)  
— C90/C270 (Half-peak divergence: 100.2°)



Ink system\_L | Lines | Accessories  
**83968W00**

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

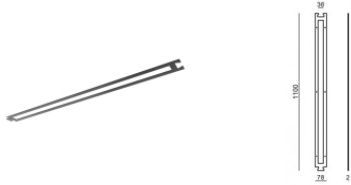


Ink system\_L | Lines | Accessories  
**83968W00**

		<p>Junction                      Type linear.                      Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81420</u></p>
		<p>Closing cap - Electrified black closing plug                      Material:PC, processing:Coating.</p>	<p><b>Code</b>  <u>81421</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>Bracket - 2X                      installation position: wall lights, ceiling.                      Material:Aluminium, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <u>84017</u></p>
		<p>Cable cover - 2X                      Material:Iron, processing:Coating.</p>	<p><b>Code</b>  <u>81422</u></p>
		<p>Cable cover - 2X                      Material:Rubber, colour:black.</p>	<p><b>Code</b>  <u>81423</u></p>
		<p>Cables for suspension                      Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>81425</u></p>



Ink system\_L | Lines | Accessories  
**83968W00**



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

**Code**  
83186



**Tool**  
 Material:steel, colour:steel.


**Code**  
81427




**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



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Junction

**Code**  
83442

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Cables for suspension  
Material:Aluminium, processing:Coating.

**Code**  
83443

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Cable  
Length 1000 mm; colors: black.

**Code**  
83445

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Cable  
Length 1000 mm; colors: black.

**Code**  
83446

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