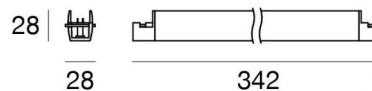


Ink system_L



Systems - Lines | 36 topLED 11 W DC 24 V | CRI 90
83952W00



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	24V
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
Dimmable article	DALI - 1-10V - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.19 Kg
Electrostatic discharge protection	No
Surge protection	No




Finishing casing

Material	Aluminium
Colour	5G 9005 Black
Processing	Coating

Finishing diffuser

Material	PC
Colour	opaline

Electronics

	81416 On/Off Driver 220~240V AC 120 W
	81417 On/Off Driver 220~240V AC 180 W
	83042 1-10V - Push and Simply Dim - DALI-2 Controller



Systems - Lines | 36 topLED 11 W DC 24 V | CRI 90 | Base 83952W00

Single emission systems or lines for indoor application. The warm white LED light source with a diffused light distribution is composed of 36 topLEDs 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 and features a 5g 9005 black finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP40; the total weight is of 0.19 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 11 W.

The device features protection class III and can be cable-mounted, with a x mm hole (in plasterboard).

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

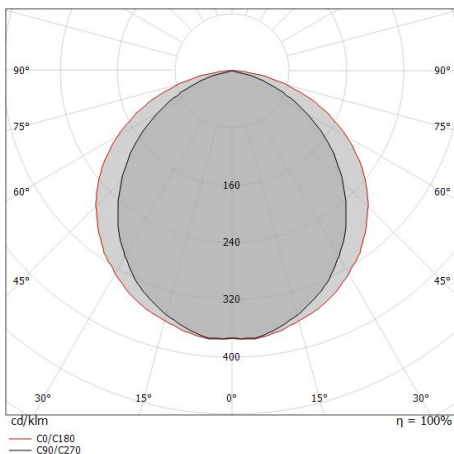
L70 B20 C0 72500h (at Tj 115 Ta 25)

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

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

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

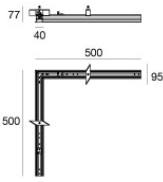
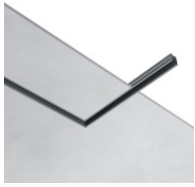


Ink system_L | Lines | Accessories
83952W00

		<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>
		<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>Tool Material:steel, colour:steel.</p>	<p>Code <u>81427</u></p>
		<p>Profile - Recessed corner - IN Material:Aluminium, processing:Coating.</p>	<p>Code <u>84073</u></p>
		<p>Profile - Recessed corner - OUT Material:Aluminium, processing:Coating.</p>	<p>Code <u>84074</u></p>
		<p>Profile - L. 1000mm Material:Aluminium, processing:Coating.</p>	<p>Code <u>84012</u></p>
		<p>Profile - L. 2000mm Material:Aluminium, processing:Coating.</p>	<p>Code <u>84013</u></p>
		<p>Profile - L. 3000mm Material:Aluminium, processing:Coating.</p>	<p>Code <u>84014</u></p>



Ink system_L | Lines | Accessories
83952W00



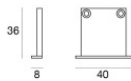
Profile - Recessed corner
Material:Aluminium, processing:Coating.

Code
84015



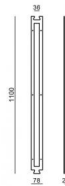
Cable
Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code
84016



Closing cap - 2X
Material:PC, colour:black.

Code
83153



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

Code
83186