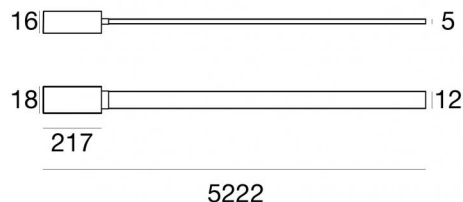


Ink system_L






Systems - Lines | 350 topLED 16 W DC 24 V | CRI 90
83992W00



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	16 W DC
Source lumens	2020 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	Yes
Type of light emission	Single emission
Net weight	1.276 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	PU
Colour	white

Finishing mounting frame	
Material	PC
Colour	black RAL 9005
Processing	Coating

Electronics	
	81416 On/Off Driver 220~240V AC 120 W (1 - 7 art.)
	81417 On/Off Driver 220~240V AC 180 W (1 - 11 art.)
	84018 DALI - DALI-2 - P2P Controller 24V DC 150 W (1 - 9 art.)



Systems - Lines | 350 topLED 16 W DC 24 V | CRI 90 | Base
83992W00

Single emission systems or lines for indoor application. The warm white LED light source with a diffused light distribution is composed of 350 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2020 lm, with a 126.3 lm/W nominal luminous efficacy.

The device body is made of pu and features a white finish; the mounting frame is made of PC, with a black ral 9005 finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 1.276 kg.

The total absorbed power is 16 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 G.

Illuminotechnical Features

Light Output Ratio (LOR)	71 %
Source lumens	2020 lm
Delivered lumens	1447 lm
Consumption	16 W
Luminaire efficacy	90 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

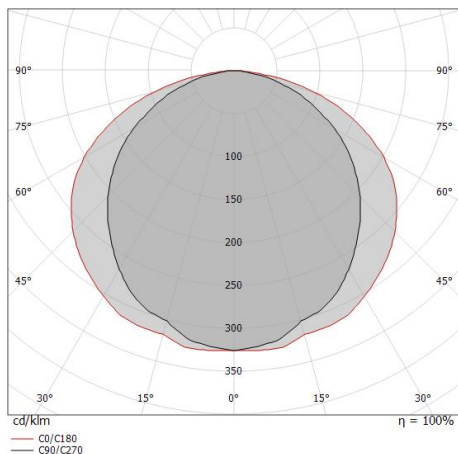
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	22.9
UGR transversal	25.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	109°
C0/C180 optics	132°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.41 2.23	1884	54.7° 182	65.8° 65
1.0	2.82 4.45	471	54.7° 46	65.8° 16
1.5	4.24 6.68	209	54.7° 26	65.8° 7
2.0	5.65 8.90	118	54.7° 11	65.8° 4
2.5	7.06 11.13	75	54.7° 7	65.8° 3
3.0	8.47 13.35	52	54.7° 5	65.8° 2

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

— C0/C180 (Half-peak divergence: 131.6°)
— C90/C270 (Half-peak divergence: 109.4°)



Ink system_L | Lines | Accessories
83992W00

		<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>Junction Material:Aluminium, processing:Coating.</p>	<p>Finish Code <u>83436</u></p>
		<p>Junction</p>	<p>Code <u>83442</u></p>
		<p>Junction Material:Aluminium, processing:Coating.</p>	<p>Finish Code <u>83438</u></p>
		<p>Junction Material:Aluminium, processing:Coating.</p>	<p>Finish Code <u>83440</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>



Ink system_L | Lines | Accessories
83992W00

		<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 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.</p>	<p>Code <u>84016</u></p>
		<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>Cables for suspension Material:Aluminium, processing:Coating.</p>	<p>Code <u>81425</u></p>
		<p>Cables for suspension Material:Aluminium, processing:Coating.</p>	<p>Code <u>83426</u></p>
		<p>Cables for suspension Material:Aluminium, processing:Coating.</p>	<p>Code <u>83443</u></p>
		<p>Profile - Kit 5 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81426</u></p>



Ink system_L | Lines | Accessories
83992W00

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



83992W00



Bracket - 2X

installation position: wall lights, ceiling.

Material:Aluminium, processing:Coating.

Finish



Code

84017



Template

Code

83186

Track

Length: 1000mm.

Material:Aluminium, processing:Coating.

Finish



Code

83432

Track

Length: 2000mm.

Material:Aluminium, processing:Coating.

Finish



Code

83434