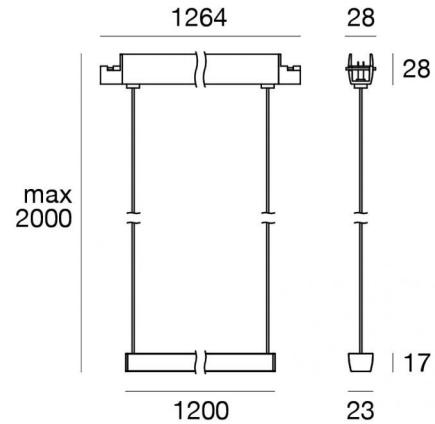


Ink system_LP



Systems - Lines | 144 topLED 29 W DC 24 V | CRI 90
83962W00



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	29 W DC
Source lumens	2744 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	650°
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	1.330 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	5G 9005 Black
Processing	Coating


Finishing diffuser


Material	PC
Colour	opaline


Finishing mounting frame

Material	Aluminium
Colour	5G 9005 Black
Processing	Coating

Electronics

 81416
On/Off Driver 220~240V AC 120 W (1 - 4 art.)

 81417
On/Off Driver 220~240V AC 180 W (1 - 6 art.)

 83042
1-10V - Push and Simply Dim - DALI-2 Controller (1 - 9 art.)



Systems - Lines | 144 topLED 29 W DC 24 V | CRI 90 | Base
83962W00

Single emission systems or lines for indoor application. The warm white LED light source with a diffused light distribution is composed of 144 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2744 lm, with a 94.6 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 mounting frame is made of aluminium, with a 5g 9005 black finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 1.330 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 29 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 4 light sources of energy efficiency class G.

Illuminotechnical Features

Light Output Ratio (LOR)	34 %
Source lumens	2744 lm
Delivered lumens	951 lm
Consumption	29 W
Luminaire efficacy	32 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

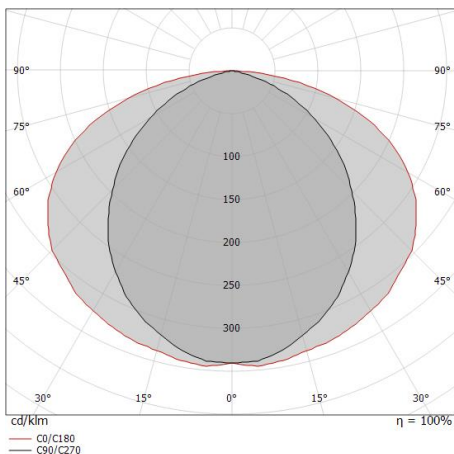
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	22.2
UGR transversal	28.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	100°
C0/C180 optics	139°
Light distribution symmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.19 2.70	E(0°) 1293 E(C90) 172 E(C0) 27
1.0	2.38 5.41	E(0°) 323 E(C90) 43 E(C0) 7
1.5	3.58 8.11	E(0°) 144 E(C90) 19 E(C0) 3
2.0	4.77 10.81	E(0°) 81 E(C90) 11 E(C0) 2
2.5	5.96 13.52	E(0°) 52 E(C90) 7 E(C0) 1
3.0	7.15 16.22	E(0°) 36 E(C90) 5 E(C0) 1

Distance [m] Cone diameter [m] illuminance [lx]

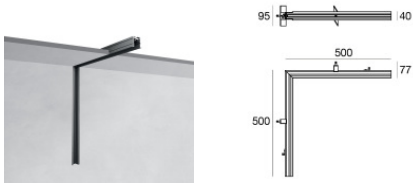
— C0/C180 (Half-peak divergence: 139.4°)
— C90/C270 (Half-peak divergence: 100.0°)



		<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>Tool</p>	<p>Code <u>81427</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 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>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>
		<p>Profile - Recessed corner Material:Aluminium, processing:Coating.</p>	<p>Code <u>84015</u></p>

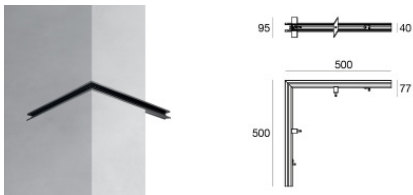


Ink system_LP | Lines | Accessories
83962W00



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

Code
84073



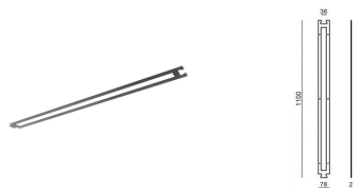
Profile - Recessed corner - OUT
Material:Aluminium, processing:Coating.

Code
84074



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

Code
83153



Template

Code
83186