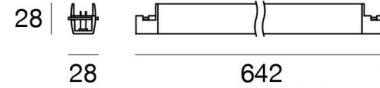


# Ink system\_L UGR



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90  
83955W30



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	14 W DC
Source lumens	1282 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	0.315 Kg
Electrostatic discharge protection	No
Surge protection	No




## Finishing casing

Material	Aluminium
Colour	5G 9005 Black
Processing	Coating

## Finishing diffuser

Material	PMMA - PC
Colour	transparent - 5G 9005 Black
Processing	Coating

## Electronics

	81416 On/Off Driver 220-240V AC 120 W (1 - 8 art.)
	81417 On/Off Driver 220-240V AC 180 W (1 - 12 art.)
	83042 1-10V - Push and Simply Dim - DALI-2 Controller (1 - 10 art.)



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90 | Base 83955W30

Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 36 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1282 lm, with a 91.6 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 pmma; the diffuser is made of PC with a coating treatment. The ingress protection degree is IP40; the total weight is of 0.315 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 14 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	1282 lm
Delivered lumens	520 lm
Consumption	14 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

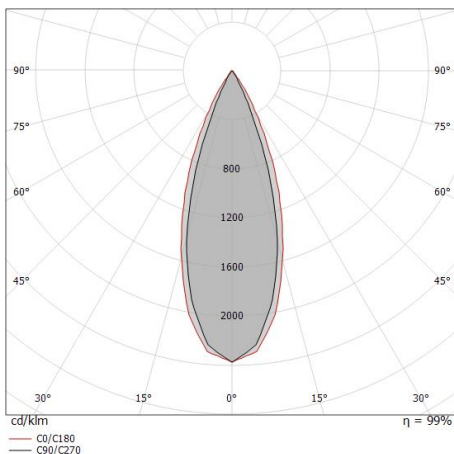
L70 B20 C0 72500h (at Tj 115 Ta 25 )

### UGR

UGR axial	3.8
UGR transversal	10.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	34°
C0/C180 optics	39°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.31 0.35	E(0°) 4938 E(C90) 2163 E(C0) 2078
1.0	0.62 0.71	E(0°) 1234 E(C90) 541 E(C0) 519
1.5	0.92 1.06	E(0°) 549 E(C90) 240 E(C0) 231
2.0	1.23 1.42	E(0°) 309 E(C90) 135 E(C0) 130
2.5	1.54 1.77	E(0°) 198 E(C90) 87 E(C0) 83
3.0	1.85 2.12	E(0°) 137 E(C90) 60 E(C0) 58

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

— C0/C180 (Half-peak divergence: 39.0°)  
— C90/C270 (Half-peak divergence: 34.2°)

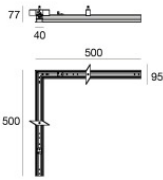
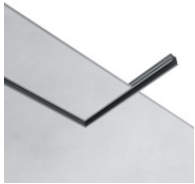


Ink system\_L UGR | Lines | Accessories  
**83955W30**

		<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>Tool</b></p>	<p><b>Code</b>  <u>81427</u></p>
		<p><b>Closing cap - 2X</b>                  Material:PC, colour:black.</p>	<p><b>Code</b>  <u>83153</u></p>
		<p><b>Template</b></p>	<p><b>Code</b>  <u>83186</u></p>
		<p><b>Profile - L. 1000mm</b>                  Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>84012</u></p>
		<p><b>Profile - L. 2000mm</b>                  Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>84013</u></p>
		<p><b>Profile - L. 3000mm</b>                  Material:Aluminium, processing:Coating.</p>	<p><b>Code</b>  <u>84014</u></p>



Ink system\_L UGR | Lines | Accessories  
**83955W30**



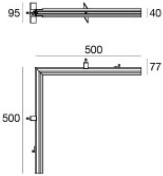
Profile - Recessed corner  
Material:Aluminium, processing:Coating.

**Code**  
84015



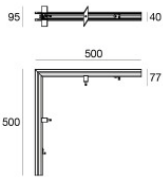
Cable  
Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: black - red.

**Code**  
84016



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

**Code**  
84073



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

**Code**  
84074