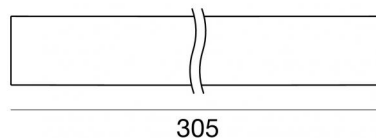
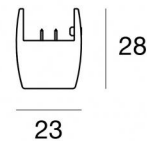


Ink system_L UGR



Systems - Lines | 192 topLED 22 W DC 24 V | CRI 90
77585W30



Technical data	
Construction year	2019
Type	Cabled - -
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	22 W DC
Source lumens	3884 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	0.19 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Dark light

Finishing casing

Material	Aluminium
Colour	White RAL 9003
Processing	Coating

Finishing diffuser

Material	PC
Colour	5G 9005 Black
Processing	Coating

Electronics

On/Off Driver 85-277V AC 24 W



Systems - Lines | 192 topLED 22 W DC 24 V | CRI 90 | Base 77585W30

Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 192 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3884 lm, with a 176.5 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white ral 9003 finish, processed by means of coating; the diffuser is made of PC with a coating treatment. 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 22 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)	6 %
Source lumens	3884 lm
Delivered lumens	260 lm
Consumption	7 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

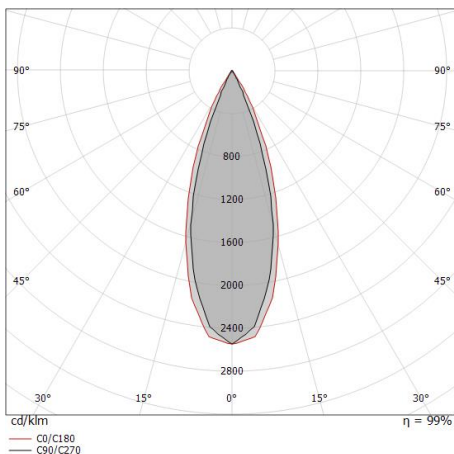
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	2.9
UGR transversal	9.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	33°
C0/C180 optics	37°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°)	E(C90)	E(C0)
0.5	0.30 0.34	37.4° 33.2°	2651	1167	1134
1.0	0.60 0.68	37.4° 33.2°	663	292	283
1.5	0.89 1.02	37.4° 33.2°	295	130	126
2.0	1.19 1.35	37.4° 33.2°	166	73	71
2.5	1.49 1.69	37.4° 33.2°	106	47	45
3.0	1.79 2.03	37.4° 33.2°	74	32	31



		<p>Cable Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: white - red.</p>	<p>Code <u>83412</u></p>
		<p>Cable Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: white - red.</p>	<p>Code <u>83413</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>83414</u></p>
		<p>Profile - Kit 5 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81426</u></p>
		<p>Profile - Kit 2 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>	<p>Code <u>81430</u></p>
		<p>Cable cover Material:PC, colour:White, processing:Coating.</p>	<p>Code <u>83417</u></p>
		<p>Junction Type linear. Material:PC, colour:White, processing:Coating.</p>	<p>Finish <u>White</u> Code <u>83418</u></p>
		<p>Junction Type linear. Material:PC, colour:White, processing:Coating.</p>	<p>Finish <u>White</u> Code <u>83419</u></p>

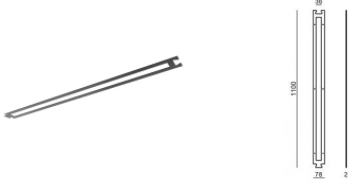


Ink system_L UGR | Lines | Accessories
77585W30

		<p>Junction Type linear. Material:PC, colour:White, processing:Coating.</p>	<p>Finish White</p> <p>Code 83420</p>
		<p>Closing cap Material:PC, colour:White, processing:Coating.</p>	<p>Code 83421</p>
		<p>Profile Material:Aluminium, processing:Coating.</p>	<p>Code 84010</p>
		<p>Profile Material:Aluminium, processing:Coating.</p>	<p>Code 84011</p>
		<p>Bracket - 2X installation position: wall lights, ceiling. Material:Aluminium, colour:White, processing:Coating.</p>	<p>Finish White</p> <p>Code 83422</p>
		<p>Cable cover - 2X Material:Iron, colour:White, processing:Coating.</p>	<p>Code 83423</p>
		<p>Cable cover - 2X Material:Rubber, colour:white.</p>	<p>Code 83424</p>
		<p>Cables for suspension Material:Aluminium, colour:White, processing:Coating.</p>	<p>Code 83425</p>



Ink system_L UGR | Lines | Accessories
77585W30



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

Code
83186



Tool
 Material:steel, colour:steel.

Code
81427



Cables for suspension
 Material:Aluminium, colour:White RAL 9003, processing:Coating.

Code
83427

Junction
 Material:Aluminium, colour:White RAL 9003, processing:Coating.

Finish
 White
Code
83437

Junction
 Material:Aluminium, colour:White RAL 9003, processing:Coating.

Finish
 White
Code
83439

Junction
 Material:Aluminium, colour:White RAL 9003, processing:Coating.

Finish
 White
Code
83441

Junction

Code
83442

Cables for suspension
 Material:Aluminium, colour:White RAL 9003, processing:Coating.

Code
83444



Ink system_L UGR | Lines | Accessories
77585W30

Cable
Length 1000 mm; colors: black.

Code
83445

Cable
Length 1000 mm; colors: black.

Code
83446