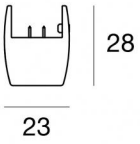
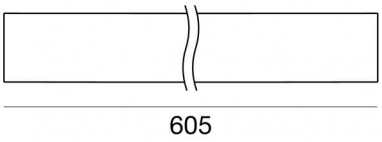
Ink system_L

Systems - Lines | 72 topLED 22 W DC 24 V | CRI 90
77588M00





Technical data	
Construction year	2019
Type	Cabled - -
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	22 W DC
Source lumens	1976 lm
Input voltage range	24V
Frequency	50-60 Hz
CCT / Tone	2700 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	White RAL 9003
Processing	Coating

Finishing diffuser	
Material	PC
Colour	opaline

Electronics

81416
On/Off Driver 220~240V AC 120 W (1 - 5 art.)

81417
On/Off Driver 220~240V AC 180 W (1 - 8 art.)

83042
1-10V - Push and Simply Dim - DALI-2 Controller (1 - 13 art.)

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Ink system_L

Systems - Lines | 72 topLED 22 W DC 24 V | CRI 90 | Base
77588M00

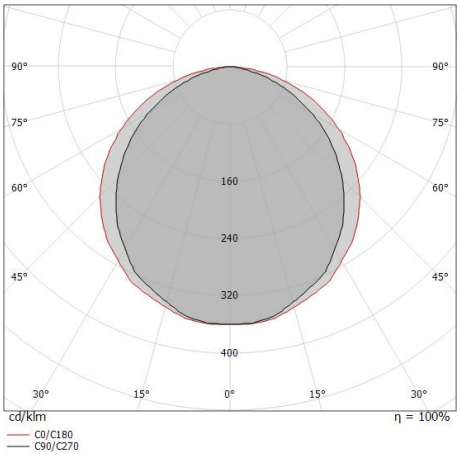
Single emission systems or lines for indoor application. The super warm white LED light source with a diffused light distribution is composed of 72 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1976 lm, with a 89.8 lm/W nominal luminous efficacy.

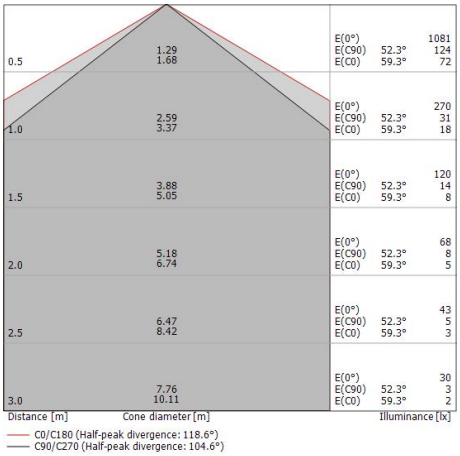
The device body is made of aluminium and features a white ral 9003 finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP40; the total weight is of 0.315 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 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 2 light sources of energy efficiency class F.

Illuminotechnical Features	
Light Output Ratio (LOR)	38 %
Source lumens	1976 lm
Delivered lumens	751 lm
Consumption	22 W
Luminaire efficacy	34 lm/W
Colour temperature	2700 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	26.4
UGR transversal	28.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	105°
C0/C180 optics	119°
Light distribution simmetry	Symmetrical 2 assis

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Ink system_L

Ink system_L | Lines | Accessories
77588M00

Cable
Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: white - red.

Code
83412

Cable
Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: white - red.

Code
83413

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

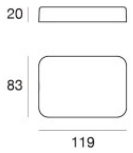
Code
83414

Profile - Kit 5 x
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
81426

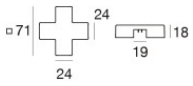
Profile - Kit 2 x
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
81430



Cable cover
Material:PC, colour:White, processing:Coating.

Code
83417



Junction
Type linear.
Material:PC, colour:White, processing:Coating.

Finish White
Code 83418

Junction
Type linear.
Material:PC, colour:White, processing:Coating.

Finish White
Code 83419

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Ink system_L

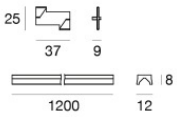
Ink system_L | Lines | Accessories
77588M00

Junction
Type linear.
Material:PC, colour:White, processing:Coating.

Finish	Code
White	83420

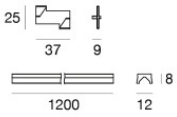
Closing cap
Material:PC, colour:White, processing:Coating.

Code
83421



Profile
Material:Aluminium, processing:Coating.

Code
84010

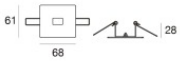


Profile
Material:Aluminium, processing:Coating.

Code
84011

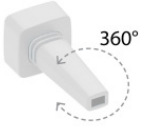
Bracket - 2X
installation position: wall lights, ceiling.
Material:Aluminium, colour:White, processing:Coating.

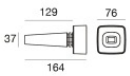
Finish	Code
White	83422



Cable cover - 2X
Material:Iron, colour:White, processing:Coating.

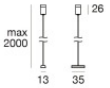
Code
83423





Cable cover - 2X
Material:Rubber, colour:white.

Code
83424



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

Code
83425

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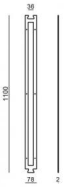
Ink system_L

Ink system_L | Lines | Accessories
77588M00

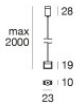


Template
Material:Iron, colour:5G 9005 Black, processing:Coating.

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	Code
White	83437

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

Finish	Code
White	83439

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

Finish	Code
White	83441

Junction

Code
83442

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

Code
83444

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Ink system_L

Ink system_L | Lines | Accessories
77588M00

	Code
Cable Length 1000 mm; colors: black.	83445

	Code
Cable Length 1000 mm; colors: black.	83446

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