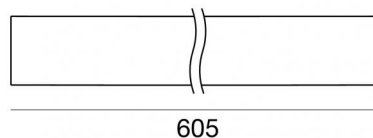
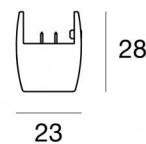
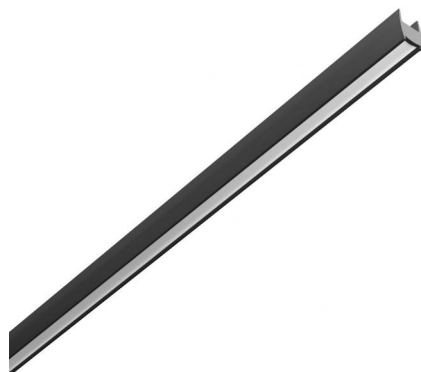




Systems - Lines | 72 topLED 22 W DC 24 V | CRI 90
82916W00



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	2080 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
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.)



Systems - Lines | 72 topLED 22 W DC 24 V | CRI 90 | Base 82916W00

Single emission systems or lines for indoor application. The warm white LED light source with a diffused light distribution is composed of 72 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2080 lm, with a 94.5 lm/W nominal luminous efficacy.

The device body is made of aluminium, 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	2080 lm
Delivered lumens	791 lm
Consumption	22 W
Luminaire efficacy	35 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

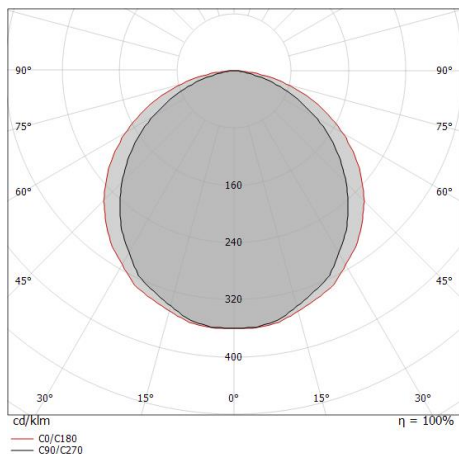
L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	26.5
UGR transversal	28.7
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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.29	E(0°) 1139
	1.68	E(C90) 52.3° 131
		E(C0) 59.3° 76
1.0	2.59	E(0°) 285
	3.37	E(C90) 52.3° 33
		E(C0) 59.3° 19
1.5	3.88	E(0°) 127
	5.05	E(C90) 52.3° 15
		E(C0) 59.3° 8
2.0	5.18	E(0°) 71
	6.74	E(C90) 52.3° 8
		E(C0) 59.3° 5
2.5	6.47	E(0°) 46
	8.42	E(C90) 52.3° 5
		E(C0) 59.3° 3
3.0	7.76	E(0°) 32
	10.11	E(C90) 52.3° 4
		E(C0) 59.3° 2

— C0/C180 (Half-peak divergence: 118.6°)
— C90/C270 (Half-peak divergence: 104.6°)



		<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, processing:Coating.</p>	<p>Code <u>81424</u></p>
		<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>Closing cap - Electrified black closing plug Material:PC, processing:Coating.</p>	<p>Code <u>81421</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>

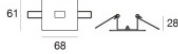


Ink system_L | Lines | Accessories
82916W00



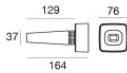
Bracket - 2X
 installation position: wall lights, ceiling.
 Material:Aluminium, processing:Coating.

Finish **Code**
 84017



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

Code
 81422



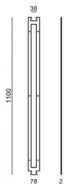
Cable cover - 2X
 Material:Rubber, colour:black.

Code
 81423



Cables for suspension
 Material:Aluminium, processing:Coating.

Code
 81425



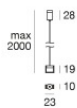
Template
 Material:Iron, colour:5G 9005 Black, processing:Coating.

Code
 83186



Tool
 Material:steel, colour:steel.

Code
 81427



Cables for suspension
 Material:Aluminium, processing:Coating.

Code
 83426

Track
 Length: 1000mm.
 Material:Aluminium, processing:Coating.

Finish **Code**
 83432



Track	Finish	Code
Length: 2000mm.		<u>83434</u>
Material:Aluminium, processing:Coating.		

Junction	Finish	Code
Material:Aluminium, processing:Coating.		<u>83436</u>

Junction	Finish	Code
Material:Aluminium, processing:Coating.		<u>83438</u>

Junction	Finish	Code
Material:Aluminium, processing:Coating.		<u>83440</u>

Junction	Code
	<u>83442</u>

Cables for suspension	Code
Material:Aluminium, processing:Coating.	<u>83443</u>

Cable	Code
Length 1000 mm; colors: black.	<u>83445</u>

Cable	Code
Length 1000 mm; colors: black.	<u>83446</u>



Profile - Kit 5 x

Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code

81426



Cable

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

Code

84016



Cable

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

Code

81411



Cable

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

Code

81410