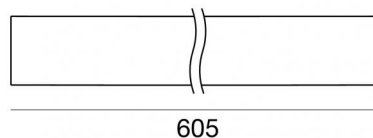
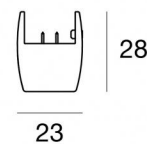
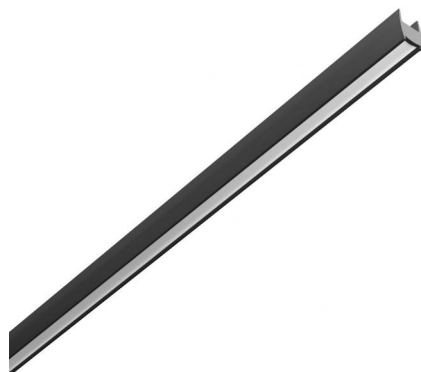




Systems - Lines | 72 topLED 22 W DC 24 V | CRI 90
82916M00



| 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 |
| 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 82916M00

Single emission systems or lines for indoor application. The super warm white LED light source with a diffused light distribution is composed of 72 topped 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, 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

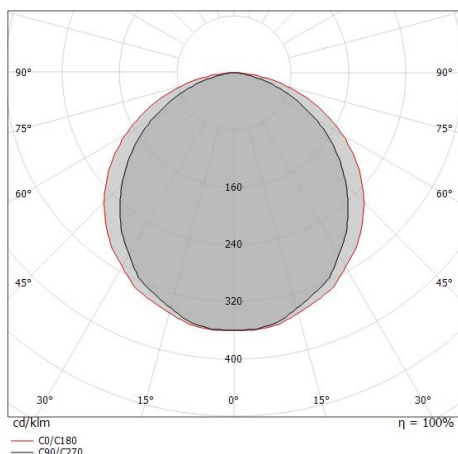
L70 B20 C0 72500h (at Tj 115 Ta 25)

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 |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5 | 1.29 | E(0°) 1081 |
| | 1.68 | E(C90) 52.3° 124 |
| | | E(C0) 59.3° 72 |
| 1.0 | 2.59 | E(0°) 270 |
| | 3.37 | E(C90) 52.3° 31 |
| | | E(C0) 59.3° 18 |
| 1.5 | 3.88 | E(0°) 120 |
| | 5.05 | E(C90) 52.3° 14 |
| | | E(C0) 59.3° 8 |
| 2.0 | 5.18 | E(0°) 68 |
| | 6.74 | E(C90) 52.3° 8 |
| | | E(C0) 59.3° 5 |
| 2.5 | 6.47 | E(0°) 43 |
| | 8.42 | E(C90) 52.3° 5 |
| | | E(C0) 59.3° 3 |
| 3.0 | 7.76 | E(0°) 30 |
| | 10.11 | E(C90) 52.3° 3 |
| | | 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> |

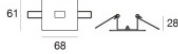


Ink system_L | Lines | Accessories
82916M00



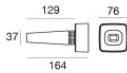
Bracket - 2X
 installation position: wall lights, ceiling.
 Material:Aluminium, processing:Coating.

Finish ████████ **Code**
████████ 84017



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

Code
81422



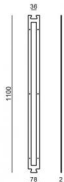
Cable cover - 2X
 Material:Rubber, colour:black.

Code
81423



Cables for suspension
 Material:Aluminium, processing:Coating.

Code
81425



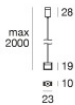
Template
 Material:Iron, colour:5G 9005 Black, processing:Coating.

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. | | 83434 |
| Material:Aluminium, processing:Coating. | | |

| | | |
|---|---------------|-------------|
| Junction | Finish | Code |
| Material:Aluminium, processing:Coating. | | 83436 |

| | | |
|---|---------------|-------------|
| Junction | Finish | Code |
| Material:Aluminium, processing:Coating. | | 83438 |

| | | |
|---|---------------|-------------|
| Junction | Finish | Code |
| Material:Aluminium, processing:Coating. | | 83440 |

| | |
|----------|-------------|
| Junction | Code |
| | 83442 |

| | |
|---|-------------|
| Cables for suspension | Code |
| Material:Aluminium, processing:Coating. | 83443 |

| | |
|--------------------------------|-------------|
| Cable | Code |
| Length 1000 mm; colors: black. | 83445 |

| | |
|--------------------------------|-------------|
| Cable | Code |
| Length 1000 mm; colors: black. | 83446 |



| | | | |
|--|--|--|--------------------------------------|
| | | <p>Profile - Kit 5 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p> | <p>Code <u>81426</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>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> |