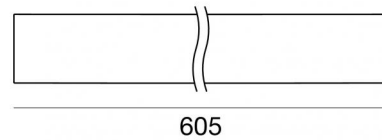
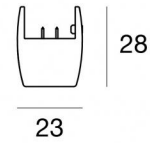


# Ink system\_L UGR



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90  
77586W30



| 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                                  | 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                      |
| 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

|   |  |
|---|--|
|  | 81416<br>On/Off Driver 220-240V AC 120 W (1 - 8 art.)                  |
|  | 81417<br>On/Off Driver 220-240V AC 180 W (1 - 12 art.)                 |
|  | 83042<br>1-10V - Push and Simply Dim - DALI-2 Controller (1 - 20 art.) |



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90 | Base 77586W30

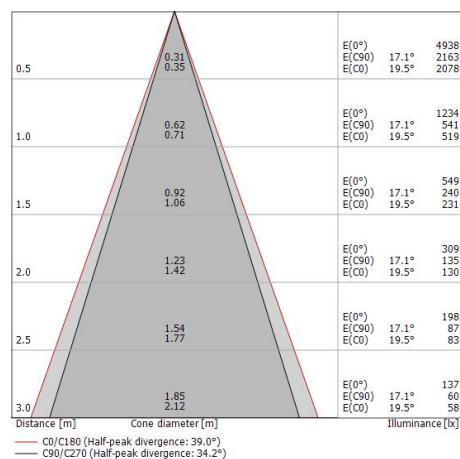
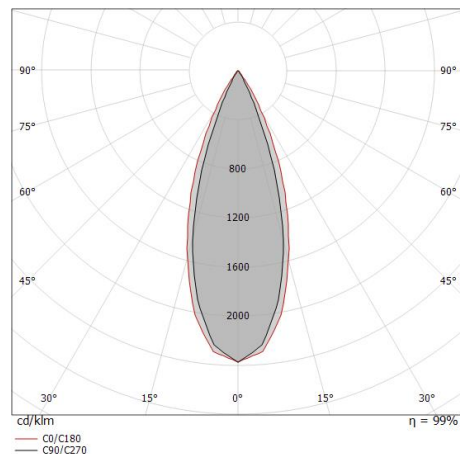
Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 36 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1282 lm, with a 91.6 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a 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 0.315 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 |



|  |  |  |   |
|--|--|--|---|
|  |  | <p><b>Cable</b><br/>Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: white - red.</p>  | <p><b>Code</b><br/><u>83412</u></p>                                     |
|  |  | <p><b>Cable</b><br/>Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: white - red.</p> | <p><b>Code</b><br/><u>83413</u></p>                                     |
|  |  | <p><b>Cable</b><br/>Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm<sup>2</sup>; cable gland: no; colors: black - red.</p>  | <p><b>Code</b><br/><u>83414</u></p>                                     |
|  |  | <p><b>Profile - Kit 5 x</b><br/>Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>  | <p><b>Code</b><br/><u>81426</u></p>                                     |
|  |  | <p><b>Profile - Kit 2 x</b><br/>Material:Aluminium, colour:5G 9005 Black, processing:Coating.</p>  | <p><b>Code</b><br/><u>81430</u></p>                                     |
|  |  | <p><b>Cable cover</b><br/>Material:PC, colour:White, processing:Coating.</p>   | <p><b>Code</b><br/><u>83417</u></p>                                     |
|  |  | <p><b>Junction</b><br/>Type linear.<br/>Material:PC, colour:White, processing:Coating.</p>   | <p><b>Finish</b><br/><u>White</u>      <b>Code</b><br/><u>83418</u></p> |
|  |  | <p><b>Junction</b><br/>Type linear.<br/>Material:PC, colour:White, processing:Coating.</p>   | <p><b>Finish</b><br/><u>White</u>      <b>Code</b><br/><u>83419</u></p> |

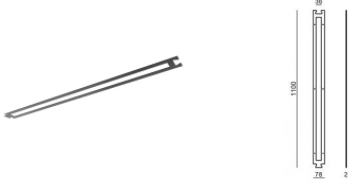


Ink system\_L UGR | Lines | Accessories  
**77586W30**

|        |       | <p><b>Junction</b><br/>                     Type linear.<br/>                     Material:PC, colour:White, processing:Coating.</p>  | <table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>83420</td> </tr> </tbody> </table> | Finish | Code  | White | 83420 |
|--------|-------|---|---|--------|-------|-------|-------|
| Finish | Code  |   |   |        |       |       |       |
| White  | 83420 |   |   |        |       |       |       |
|        |       | <p><b>Closing cap</b><br/>                     Material:PC, colour:White, processing:Coating.</p>   | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>83421</td> </tr> </tbody> </table>                                | Code   | 83421 |       |       |
| Code   |       |   |   |        |       |       |       |
| 83421  |       |   |   |        |       |       |       |
|        |       | <p><b>Profile</b><br/>                     Material:Aluminium, processing:Coating.</p>  | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>84010</td> </tr> </tbody> </table>                                | Code   | 84010 |       |       |
| Code   |       |   |   |        |       |       |       |
| 84010  |       |   |   |        |       |       |       |
|        |       | <p><b>Profile</b><br/>                     Material:Aluminium, processing:Coating.</p>  | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>84011</td> </tr> </tbody> </table>                                | Code   | 84011 |       |       |
| Code   |       |   |   |        |       |       |       |
| 84011  |       |   |   |        |       |       |       |
|        |       | <p><b>Bracket - 2X</b><br/>                     installation position: wall lights, ceiling.<br/>                     Material:Aluminium, colour:White, processing:Coating.</p> | <table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>83422</td> </tr> </tbody> </table> | Finish | Code  | White | 83422 |
| Finish | Code  |   |   |        |       |       |       |
| White  | 83422 |   |   |        |       |       |       |
|        |       | <p><b>Cable cover - 2X</b><br/>                     Material:Iron, colour:White, processing:Coating.</p>  | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>83423</td> </tr> </tbody> </table>                                | Code   | 83423 |       |       |
| Code   |       |   |   |        |       |       |       |
| 83423  |       |   |   |        |       |       |       |
|        |       | <p><b>Cable cover - 2X</b><br/>                     Material:Rubber, colour:white.</p>  | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>83424</td> </tr> </tbody> </table>                                | Code   | 83424 |       |       |
| Code   |       |   |   |        |       |       |       |
| 83424  |       |   |   |        |       |       |       |
|        |       | <p><b>Cables for suspension</b><br/>                     Material:Aluminium, colour:White, processing:Coating.</p>  | <table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>83425</td> </tr> </tbody> </table>                                | Code   | 83425 |       |       |
| Code   |       |   |   |        |       |       |       |
| 83425  |       |   |   |        |       |       |       |



Ink system\_L UGR | Lines | Accessories  
**77586W30**



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**  
83437

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

**Finish**  
 **Code**  
83439

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

**Finish**  
 **Code**  
83441

Junction

**Code**  
83442

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

**Code**  
83444



Ink system\_L UGR | Lines | Accessories  
**77586W30**

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Cable  
Length 1000 mm; colors: black.

**Code**  
83445

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Cable  
Length 1000 mm; colors: black.

**Code**  
83446