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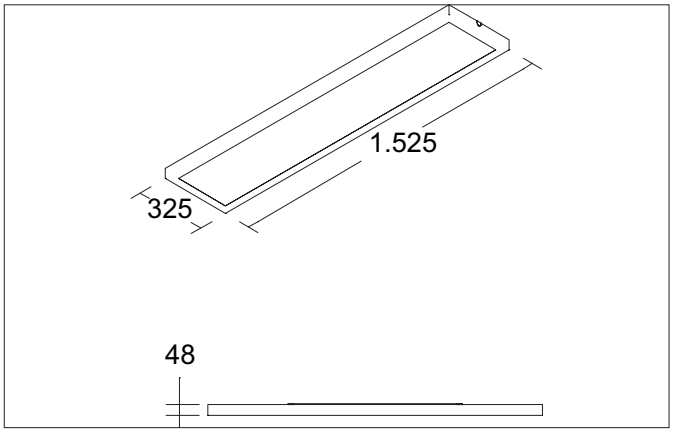
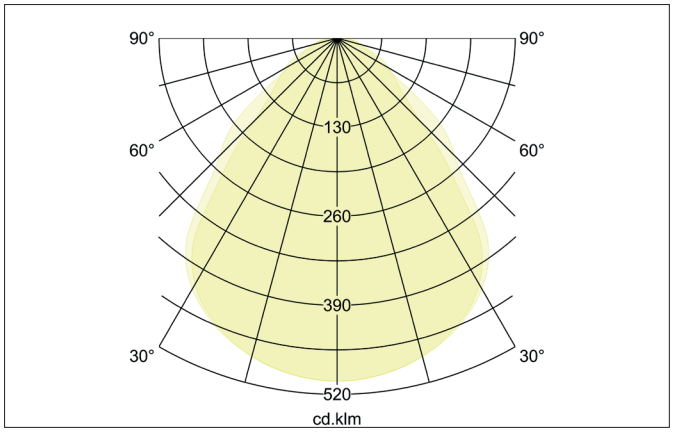
# REFIDO LED surface-mounted panel 1525x325, MP

Article no. 49150073TW




IP20 IK03 6,700 lm 85° 230V DALI LDT-Data LED LED

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| Tender |
|---|
| LED surface-mounted panel 1525x325, MP, Rectangular.Luminaire length 1525.0 mm, Luminaire width 325.0 mm, Hight 48.0 mm Weight 4.5 kg, with rotattionssymmetrical, deep, wide distributed light intensity. Cover plastic, microprismaticLuminous flux 6.400 - 6.700 lm, UGR < 19, Power 1 x 49 W, Light colour warm white to daylight white, Correlated color temprature (CCT) 2.700 - 6.500 K, Colour rendering index CRI > 80, Rated life time L70/B10 at 25 °C: 110.000 h, Rated life time L70/B50 at 25 °C: 125.000 h, Rated life L80/B10 at 25 °C: 78.000 h, Rated life time L80/B50 at 25 °C: 100.000 h, Housing material: Aluminium / Polycarbonate, Colour: white matt, Permissible ambient temperature (ta): -20 °C up to +45 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP20, shock resistance according to IEC62262: IK03 .With electronic driver, DALI-2 dimmable. |

| Article data | |
|---|---|
| Article no. | 49150073TW |
| GTIN | 4255752525707 |
| Series name | REFIDO |
| Short description | LED surface-mounted panel 1525x325, MP |
| Material | Aluminium / Polycarbonate |
| Colour | white matt |
| RAL colour | 9016 |
| Shape | Rectangular |
| Length | 1,525 mm |
| Width | 325 mm |
| Hight | 48 mm |
| Weight | 4.5 kg |
| D licence plate | No |
| Conformance | CE, UKCA |

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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| Lighting technology | |
|---|---|
| Colour temperature | 2.700 K - 6.500 K |
| Light colour | white |
| Color Temperature 1 | 2,700 K |
| Color Temperature 2 | 6,500 K |
| Light output | Direct |
| Luminous flux | 6,400 - 6,700 lm |
| Luminous flux 1 | 6,400 lm |
| Luminous flux 2 | 6,700 lm |
| Luminous flux in emergency lighting mode | 390 lm |
| System efficiency | 137 lm/W |
| McAdam-Step | McAdam-Step 3 |
| Colour rendering | CRI > 80 |
| Reflector | Without |
| Beam angle | 85° |
| Glare evaluation | UGR < 19 |
| Light sharing | Symmetric |
| Photobio. Risk group according to EN 62778 | RG0 |
| Photobio. Risk group according to EN 62471 | RG0 |
| Adjustable color temperature | Infinite control |

| Operating technology of the luminaire | |
|---|---|
| System output | 49 W |
| Voltage type | AC/DC |
| AC nominal voltage min | 198 V |
| AC nominal voltage max | 264 V |
| DC nominal voltage min | 176 V |
| DC nominal voltage max | 276 V |
| Frequency max | 60 Hz |
| Frequency min | 50 Hz |
| Lamp | LED exchangeable |
| Lamp holder | Without fitting |
| Protection class | I |
| Degree of protection | IP20 |
| Ambient temperature | -20°C up to +45°C |
| Dimmable | Yes |
| Control | DALI-2 , DALI-DT8 |
| Bulb change possible | The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person. |
| Glow wire test according to IEC 60695-2-12 | 650°C |
| Rated life time L70/B50 at 25 °C | 125,000 h |
| Rated life L80/B10 at 25 °C | 78,000 h |
| Rated life time L80/B50 at 25 °C | 100,000 h |
| Rated life time L90/B10 at 25 °C | 30,000 h |
| Energy efficiency class | not required |
| max. no. lights on B16 A | 35 |
| max. no. lights on C10 A | 22 |
| max. no. lights on C16 A | 35 |

| Mounting technology | |
|---|---|
| Mounting method | Surface mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Not adjustable |
| Impact resistance | IK03 |
| Further references | No cover with thermal insulation material |
| Cover | Plastic, microprismatic |
| Suitable for through-wiring | Yes |

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| Packing data | |
|---|---|
| Gross weight | 6 kg |
| Length of packaging | 1,560 mm |
| Packaging width | 360 mm |
| Packaging hight | 70 mm |
| Disposal at end of life | This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.<br>By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment. |

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