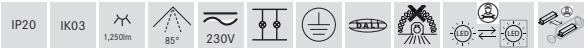
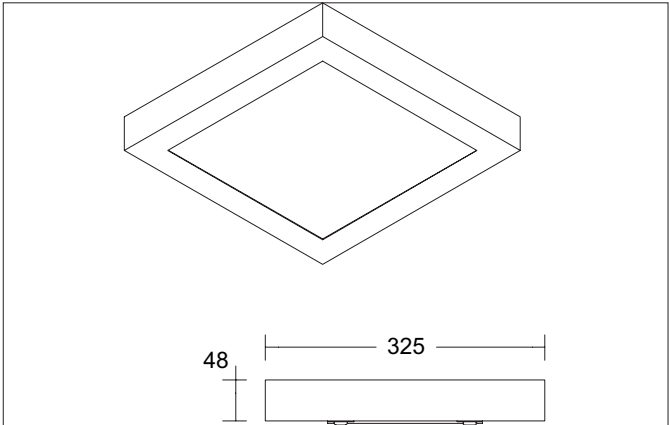




REFIDO LED mounting panel 325x325, MP
Article no. 49030073TW



Tender	
Surface-mounted LED panel 325x325, MP, luminaire length 325 mm, luminaire width 325 mm, height 48 mm, weight 1.5 kg, with rotationally symmetrical narrow-wide beam light distribution. Plastic microprismatic cover, rated luminous flux 1,250 lm, UGR < 19, rated wattage 1 x 10.5 W, light color warm white to daylight white, most similar color temperature (CCT) 2,700 - 6,500 K, general color rendering index CRI > 80, service life L70/B10 at 25 °C: 110,000 h, service life L70/B50 at 25 °C: 125,000 h, service life L80/B10 at 25 °C: 78,000 h, service life L80/B50 at 25 °C: 100,000 h, housing material: aluminum / PMMA, color: white matt, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): I, degree of protection (DIN EN 60529): IP20, degree of impact resistance according to IEC62262: IK03. For connection to an external control gear, which is not included with the luminaire. DALI-2, DALI-DT8 dimmable.	

Article data	
Article no.	49030073TW
GTIN	4255752525608
Series name	REFIDO
Short description	LED mounting panel 325x325, MP
Material	Aluminium / PMMA
Colour	white matt
Shape	Square
Length	325 mm
Width	325 mm
Height	48 mm
Weight	1.5 kg
Conformance	CE, UKCA


REFIDO LED mounting panel 325x325, MP

Article no. 49030073TW

Lighting technology	
Colour temperature	2700-6500 K
Light colour	white
Color Temperature 1	2,700 K
Color Temperature 2	6,500 K
Light output	Direct
Luminous flux	1,250 lm
Luminous flux 1	1,200 lm
Luminous flux 2	1,250 lm
Luminous flux in emergency lighting mode	330 lm
System efficiency	104 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
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
System output	12 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
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 time 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	nicht erforderlich
max. no. lights on B16 A	56
max. no. lights on C10 A	46
max. no. lights on C16 A	73

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
Material cover	Plastic, microprismatic
Suitable for through-wiring	Yes



REFIDO LED mounting panel 325x325, MP
Article no. 49030073TW

Packing data	
Gross weight	2 kg
Length of packaging	360 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. 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.