LED SMART SLIM

Type of luminaire

This extremely slim luminaire is the ideal solution for installers – SMART SLIM is is with height of only 10 centimeters. The LED luminaire is designed for general lighting purposes in offices, computer halls, meeting rooms. Due the state-of-the-art optic, the luminaire is extremely energy efficient starting from 180 lm/W.

Key advantages

- high energy efficiency
- small space for storage
- quick pay-off for the initial investments (ROI)

- long life
- excellent glare protection
- comfort and uniformity of the light output

Mounting type

The luminaire is designed for mounting in standard recessed ceilings with M600 (or M620). Optionally the luminaire can be produced for direct ceiling mounting.

Application

With UGR<19, SMART SLIM is excellent for illumination in offices, computer halls, banks, meeting rooms, conference halls, etc.

Optical system

SMART SLIM is with equipped with specially designed optic from PMMA that ensures control of the light distribution and low UGR. The optic is produced by leading European lens producer and is geared to maximum efficiency – in this case more than 95%. The result is a LED luminaire with excellent comfort and low maintenance cost.

Electrical connection

The luminaire can be purchased with or without driver. The body is equipped with special connector that is allowing any standard driver to be attached to it. SMART SLIM can be also purchased with driver in on/off, DALI or 1-10V dimming. Options with smart sensors are available on demand.

Warranty

The operational life of the LED modules used is minimum 50,000 h (L80/B10). The warranty of the luminaire is 5 years.

ELUX

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

Technical Specifications*

*Note possible variations within LED modules and driver depending on producer's tolerances..

PRODUCT REVIEW	
Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Recessed
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50	70 000h
Lumen maintenance L80/B10	50 000h
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	<180
SDCM	3
Fixture Luminous Flux (lm)	3600
Glare control	<19
Color temperature (K)	4000
IP	20
IK	07

GENERAL DATA	
Ordering №	
Product name	TMA LED SMART SLIM
General applications	Offices, Meeting rooms
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA	
Luminaire Input Power (W)	20
Inrush duration (µs)	280
Drive current (mA)	276
Inrush current (A)	21
Max luminaires per 10A C Breaker	24
Max luminaires per 13A C breaker	32
Max luminaires per 16A C Breaker	40
Max luminaires per 20A C breaker	49
Max luminaires per 10A B breaker	15
Max luminaires per 13A B breaker	19
Max luminaires per 16A B breaker	100% ≤ 24
Max luminaires per 20A B breaker	30
CRI	>80
Electrical protection	Class II
Glow wire test (°C)	850
Lamp energy label (class)	A++
Nominal input voltage	220...240
Nominal frequency (Hz)	50...60

PHYSICAL DATA	
Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	10
Nominal product width (mm)	600
Nominal product length (mm)	600
Weight (kg)	2
Optic finish	60°, UGR<19
Optic material	PMMA

PACKAGING	
Single packaging type	Carton
Packaging outer length (cm)	62
Packaging outer width (cm)	62
Packaging outer height (cm)	13
Single package volume (dm3)	50
Single product gross weight (kg)	2.5
Single packaging weight (kg)	0.5