TMA LED DELUX 3L

Type of luminaire

The luminaire is extremely energy efficient and can replace standard lighting solutions made with fluorescent fixtures with T5 4x14W and 4x24W. Available in gloss and matt reflectors.

Key advantages

- high energy efficiency (>120 lm/W)
- quick pay-off for the initial investments (ROI)
- long life of more than 50,000 hours

- excellent glare protection with UGR<19 and no LED spots
- comfort and uniformity of the light output

Mounting type

The luminaires are designed for mounting in standard recessed ceilings with M600, M625. Optionally the luminaire can be also mounted in plasterboard ceiling or surface mounted.

Application

This LED luminaire is excellent for offices, computer halls, banks, meeting rooms, conference halls, etc.

Optical system

The LED luminaire is with double parabolic optical system designed especially for LEDs source of light. The optics is produced from highly efficient anodized aluminum in combination with a dedicated opal diffuser. For this optical system, ELUX has a registered EU design. The result is a LED luminaire with excellent comfort and efficiency.

Electrical connection

The luminaire is equipped with automatic push-in connector. Options with connectors Wieland, Wago and Ensto are also possible.

Warranty

The operational life of the LED modules used is minimum 50,000 h. The warranty of the luminaire is 5 years.

Technical Specifications*

*All specifications are for Philips components.

PRODUCT REVIEW	
Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Recessed
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50,L80/B10	50 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>120
SDCM	3
Fixture Luminous Flux (lm)	4600
Glare control	UGR <19
Color temperature (K)	4000
IP	40
IK	07

GENERAL DATA	
Ordering №	
Product name	TMA DELUX 3L
General applications	Offices, Halls, Rooms
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA	
Luminaire Input Power (W)	38
Inrush duration (µs)	282
Drive current (mA)	276
Inrush current (A)	17
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	1
Glow wire test (°C)	850
Lamp energy label (class)	A++
Nominal input voltage	220...240

reserves the rights to further improve the listed luminaires.
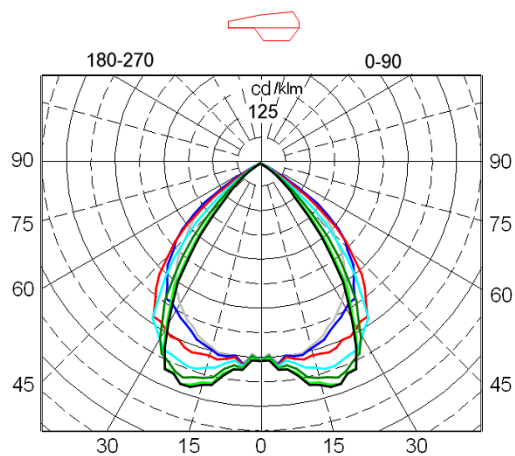
Nominal frequency (Hz)	50...60Hz

Physical Data

Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	
Nominal product width (mm)	
Nominal product length (mm)	
Weight (kg)	
Louvre finish	Gloss
Louvre material	Aluminium 99% reflectivity
Reflector material	Aluminium

PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	
Packaging outer width (cm)	
Packaging outer height (cm)	
Single package volume (dm3)	
Single product gross weight (kg)	
Single packaging weight (kg)	

PHOTOMETRY

TECHNICAL DRAWINGS