

TMA LED INDWHITE



Type of luminaire

Innovative LED luminaire designed for comfort indirect illumination for conference rooms, offices, meeting rooms. The luminaire is extremely energy efficient with savings up to 45% compared with 2x55W PL-L type.

Key advantages

- comfort light distribution
- high energy efficiency
- quick pay-off for the initial investments (ROI)
- long life
- excellent glare protection and no LED spots
- comfort and uniformity of the light output

Performance

The main feature of TMA LED INDWHITE is its high efficiency compared to similar products on the market – more than 80 lm/W. From a total of 40W the luminous flux of the luminaire is 3200 lm. Further saving of electricity can be made through dimming that is an option in DALI or 1/10V.

Mounting type

The luminaire is designed for mounting in standard recessed ceilings with M600. Option M625 is available upon request.

Application

This LED luminaire is the perfect solution for conference rooms and venues where the comfort of the indirect light output is requested (like hotel lobbies).

Optical system

TMA LED INDWHITE has optical system designed especially for LEDs as a source of the light. Its design ensures 100% diffused lighting output while no visible LEDs. The result is a LED luminaire that offers excellent comfort and efficiency.

Electrical connection



The luminaire is equipped with automatic push-in connector. Options with connectors type 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	>70 000
Lumen maintenance L80/B10	>60 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	100
SDCM	3
Fixture Luminous Flux	3600
Glare control	UGR < 19
Color temperature (K)	4000
IP	20
IK	07

GENERAL DATA

Ordering No	1110100110310401021000001
Product name	INDWHITE
General applications	Conference room, hotel lobbies
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA

Luminaire Input Power (W)	35
Inrush duration (µs)	282
Inrush current (A)	17,8
Drive current (mA)	276
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



reserves the rights to further improve the listed luminaires.

Max luminaires per 16A B breaker	≤24
Max luminaires per 20A B breaker	30
CRI	>80
Electrical protection	Class I
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)	
Nominal product width (mm)	595
Nominal product length (mm)	595
Weight (kg)	
Diffuser finish	Micro prismatic
Diffuser material	PMMA
Louvre material	Aluminium 99% reflectivity
Reflector material	Aluminium

PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	60
Packaging outer width (cm)	60
Packaging outer height (cm)	
Single package volume (dm ³)	
Single product gross weight (kg)	
Single packaging weight (kg)	0.2

PHOTOMETRY

