

1L



Type of luminaire

The luminaires from the series of TMA WING are an economical solution for projects where the budget is a constraint and still have a good illumination with long-life LEDs. It has a good glare protection and can easily replace T5 luminaires of the type of 3/4x14 or 2x28W. With option for tunable white (2700-6500K).

Key advantages

- high energy efficiency
- quick pay-off for the initial investments
- good glare protection, no LED spots
- long life more than 50,000 hours
- comfort and uniformity of the light output

Mounting type

The luminaires are designed for mounting in standard recessed ceilings with dimensions of M600. Options with dimension of M625 is available.

Application

This LED luminaire is designed for use in offices, meeting rooms.

Optical system

LED WING luminaires are equipped with optical system that ensures excellent uniformity and no visible dots from the LEDs. The opal diffuser enables the great light output and the necessary glare protection.

Electrical connection

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

Warranty

The operational life of the LED modules used is more than 50,000 h. The warranty of the luminaire is up to 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)	>130
SDCM	3
Fixture Luminous Flux (lm)	3800
Glare control	UGR < 19
Color temperature (K)	4000
IP	40
IK	07
GENERAL DATA	
Ordering No	
Product name	TMA Wing 1L
General applications	Office, Halls, Rooms
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016
ELECTRICAL DATA	
Luminaire Input Power (W)	29
Inrush duration (µs)	230
Drive current (mA)	276
Inrush current (A)	15
Max luminaires per 10A C Breaker	34
Max luminaires per 13A C breaker	44
Max luminaires per 16A C Breaker	56
Max luminaires per 20A C breaker	68
Max luminaires per 10A B breaker	20
Max luminaires per 13A B breaker	26
Max luminaires per 16A B breaker	100% ≤ 33
Max luminaires per 20A B breaker	41
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

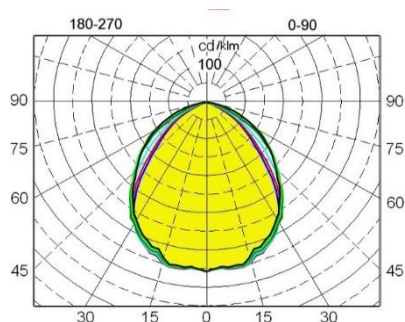
PHYSICAL DATA

Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	
Nominal product width (mm)	
Nominal product length (mm)	
Weight (kg)	
Diffuser finish	Opal
Diffuser material	PMMA
Reflector finish	Matt
Reflector material	Aluminium matt 98% reflectivity

PACKAGING

Single packaging type	1
Packaging outer length (cm)	
Packaging outer width (cm)	
Packaging outer height (cm)	
Single package volume (dm ³)	
Single product gross weight (kg)	
Single packaging weight (kg)	

PHOTOMETRY



TECHNICAL DRAWINGS

Variations of the product:

Product name	Dimensions (cm)
TMA LED Wing 1L	595/595; 620/620; 675/675
TMA LED Wing 2L	595/595; 620/620; 675/675
TMA LED Wing 1L Long	1200/300
TMA LED Wing 2L Long	1200/300
Other versions on demand	





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