

## WING LONG



### Type of luminaire

Innovative LED luminaire that is designed for general lighting for offices, computer halls, meeting rooms, schools and hospitals. The luminaire is extremely energy efficient and can replace standard lighting solutions made with fluorescent fixtures with T5 2x28W. TMA LED WING is designed for economical installation where keeping the budget under control is a must.

### Mounting

The luminaire is designed for recessed mounting in standard ceilings with M600. The size of the opening is 1200/300 mm. The luminaire can be also mounted in plasterboard ceiling.

### Application

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

### Optical system

The LED luminaire is produced with opal diffuser that aims at distributing the light from the LEDs source of light while keeping control of the glare factor. The result is a LED luminaire with a very good 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	>70 000
Lumen maintenance L80/B10	>60 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	133
SDCM	3
Fixture Luminous Flux (lm)	3740
Glare control	UGR < 19
Color temperature (K)	4000
IP	40
IK	07
GENERAL DATA	
Ordering No	1110080010315001020408003
Product name	TMA Wing Long HO
General applications	Computer halls, offices, banks
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016
ELECTRICAL DATA	
Luminaire Input Power (W)	28
Inrush duration (µs)	230
Inrush current (A)	15,1
Drive current (mA)	276
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 frequency (Hz)	50...60
Nominal input voltage	220...240



reserves the rights to further improve the listed luminaires.

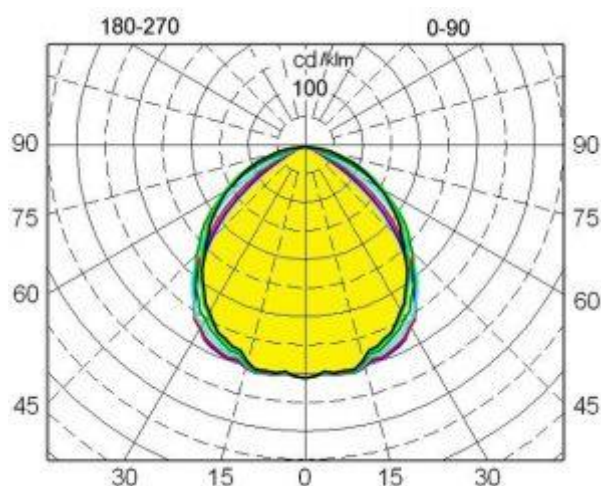
<b>PHYSICAL DATA</b>	
----------------------	--

Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	80
Nominal product width (mm)	90
Nominal product length (mm)	1200
Weight (kg)	
Diffuser finish	Opal
Diffuser material	PMMA

<b>PACKAGING</b>	
------------------	--

Single packaging type	Carton
Packaging outer length (cm)	120
Packaging outer width (cm)	10
Packaging outer height (cm)	8,6
Single package volume (dm <sup>3</sup> )	10,32
Single product gross weight (kg)	
Single packaging weight (kg)	0,2

<b>PHOTOMETRY</b>	
-------------------	--



reserves the rights to further improve the listed luminaires.