



## 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 luminaires 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

Technology         LED           Dimmable         No           Type         Integrated LED           Mount         Recessed           Control gear type         Electronic           Housing material         Steel           Lumen maintenance L80/B10         >60 000           Photo biological Risk Group         0           Luminaire efficacy (Im/W)         133           SDCM         3           Fixture Luminous Flux (Im)         3740           Glare control         UGR < 19           Color temperature (K)         400           IP         40           IK         07           GENERAL DATA           TMA Wing Long HO           Ordering Ne         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 duration (µs)         276 <th colspan="2">PRODUCT REVIEW</th>	PRODUCT REVIEW	
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 (Im/W)         133           SDCM         3           Fixture Luminous Flux (Im)         3740           Glare control         UGR < 19	Technology	LED
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Control gear type	Туре	Integrated LED
Housing material         Steel           Lumen maintenance L70/B50         >70 000           Lumen maintenance L80/B10         >60 000           Photo biological Risk Group         0           Luminaire efficacy (Im/W)         133           SDCM         3740           Glare control         UGR < 19	Mount	Recessed
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Color temperature (K)       4000         IP       40         IK       07         GENERAL DATA         Ordering №       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 13A C breaker       56         Max luminaires per 10A B breaker       68         Max luminaires per 10A B breaker       20         Max luminaires per 10A B breaker       26         Max luminaires per 16A B breaker       41         Max luminaires per 16A B breaker       41         Max luminaires per 20A B breaker       41         Max luminaires per 20A B breaker       41         Max luminaires per 20A B breaker	Fixture Luminous Flux (lm)	3740
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GENERAL DATA  Ordering № 1110080010315001020408003 Product name 7TMA Wing Long HO General applications 7TMA Wing Long HO Computer halls, offices, banks 11 10 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 13A C breaker 44 Max luminaires per 16A C Breaker 56 Max luminaires per 16A C Breaker 68 Max luminaires per 10A B breaker 20 Max luminaires per 10A B breaker 20 Max luminaires per 13A B breaker 100% ≤ 33 Max luminaires per 16A B breaker 41 CRI > 80 Electrical protection 71 Glow wire test (°C) 850 Lamp energy label (class) A++ Nominal frequency (Hz) 5060	IP	40
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Lamp energy label (class)  A++  Nominal frequency (Hz)  5060	Electrical protection	Class I
Nominal frequency (Hz) 5060	Glow wire test (°C)	850
	Lamp energy label (class)	A++
Nominal input voltage 220240	Nominal frequency (Hz)	5060
	Nominal input voltage	220240



PHYSICAL DATA		
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	
PACKAGING		
Single packaging type	Carton	
Packaging outer length (cm)	120	
Packaging outer width (cm)	10	
Packaging outer height (cm)	8,6	
Single package volume (dm3)	10,32	
Single product gross weight (kg)		
Single packaging weight (kg)	0,2	
PHOTOMETRY		



