

TTLED



Linear trunking system

Innovative LED luminaire especially designed for large-scale supermarkets, sport halls, tennis courts and production facilities. With its nice aluminum finishing it can be not only an efficient and reliable source of illumination, but can also attribute to a modern internal design. The output of TTLED can be controlled at factory to cover the light output of a wide range of traditional T5 and T8 installations.

Key advantages

- energy efficient luminaire with more than 133 lm/W
- long life-span of min 100,000 hours.
- completely maintenance free (no need for lamp replacement)
- easy mounting
- high-quality of the light emitted with CRI>80
- wide range of colour temperature – from 2700K to 6500 K

Application

- Large supermarkets
- Sport halls
- Tennis courts
- Shops
- Showrooms
- Production facilities
- Warehouse

Mounting

TTLED design enables easy mounting with no tools that lowers the expenses for setting up the system. The system can be installed as a continuous line but also as stand-alone luminaires. The connection is done through connectors from 3, 5 to 7 poles. Through special inox plates, TTLED luminaires can be installed as suspended or surface mounted (including on metal construction). With a specially designed protection fence, TTLED can be used in practically any sports facility including but not limited to tennis courts, basketball and volleyball halls, etc. With glare control of UGR<21 it is suitable for many of these activities.

Material and finish

The housing of TTLED is made from extruded aluminum, powder painted white. Other colors are available on demand.

The luminaire is sealed by opal PMMA and its level of protection is IP44.

Warranty

The operational life of the LED modules and drivers used is between 50,000 and 100,000h depending on the model used. 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	Suspended
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50, L80/B10	>100 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>133
SDCM	3
Fixture Luminous Flux (lm)	Max 12 000
Glare control	UGR < 21
Color temperature (K)	4000
IP	43
IK	07
GENERAL DATA	
Ordering No	
Product name	TTLED
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016
ELECTRICAL DATA	
Luminaire Input Power (W)	77
Inrush duration (µs)	65
Inrush current (A)	6,02
Drive current (mA)	394
Max luminaires per 10A C Breaker	18
Max luminaires per 13A C breaker	24
Max luminaires per 16A C Breaker	30
Max luminaires per 20A C breaker	37

Max luminaires per 10A B breaker	11
Max luminaires per 13A B breaker	14
Max luminaires per 16A B breaker	100% ≤ 18
Max luminaires per 20A B breaker	22
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
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

