

**Type of luminaire**

METALSTRIP LED is economical solution for illumination in premises with height of up to 5 meters. With its simple design this LED luminaire is a good solution for industries, warehouses, undergrounds, covered parking areas. The integrated LEDs are with high-efficiency ensuring luminous flux maximum of 6300 lm with about 50W energy consumption. The luminaire is with powder coated steel body.

Key advantages

- low investment cost
- quick pay-off for the initial investments (ROI)
- high energy efficiency
- long life (more than 50,000 h)
- comfort and uniformity of the light output

Mounting type

METALSTRIP LED can be mounted on pre-installed metal construction with direct connection, or suspended on a metal cord.

Application

METALSTRIP LED provides entry solution for different types of warehouse, production facilities, parking lots, etc.

Optical system and electrical components

The luminaire is equipped with high-end LED modules and drivers that are supplied by leading companies in the sector such as Philips, Tridonic, Osram, all made in Europe. The LEDs are covered with opal PMMA diffuser to ensure no visible dots and uniformity of the light output.

Electrical connection

The luminaire is equipped with standard 3 poles connector.

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,L80/B10	>100 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>140
SDCM	3
Fixture Luminous Flux (lm)	7200
Glare control	UGR < 20
Color temperature (K)	4000
IP	43
IK	07

GENERAL DATA	
Ordering No	1510010010210201020400001
Product name	Metal Strip LED
General applications	Industrial areas, parking
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA	
Luminaire Input Power (W)	50
Inrush duration (µs)	280
Inrush current (A)	19
Drive current (mA)	394
Max luminaires per 10A C Breaker	24
Max luminaires per 16A C Breaker	40
Max luminaires per 13A C breaker	32
Max luminaires per 20A C breaker	49
Max luminaires per 10A B breaker	15
Max luminaires per 13A B breaker	19
Max luminaires per 16A B breaker	100 % ≤ 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



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PHYSICAL DATA	
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Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	85
Nominal product width (mm)	55
Nominal product length (mm)	1215
Weight (kg)	
Diffuser finish	Opal
Diffuser material	PMMA
Louvre finish	Gloss
Louvre material	Aluminium 99% reflectivity
Reflector material	Aluminium

Packaging	
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Single packaging type	Carton
Packaging outer length (cm)	122
Packaging outer width (cm)	6
Packaging outer height (cm)	9
Single package volume (dm3)	6.59
Single product gross weight (kg)	
Single packaging weight (kg)	0.2

PHOTOMETRY	
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TECHNICAL DATA	
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