

MPF ECO LED IP66



Type of luminaire

LED luminaire that is designed for industrial application with standard and aggressive chemical environments. MPF LED has a high-protection rate of IP66.

Mounting

The luminaires can be mounted on any ceiling. As an option it can be hanged on metal wires or chains.

Application

This LED luminaire is excellent for any production sites, warehouses, parking lots.

Optical system

MPF LED luminaire is produced with highly reflective mirror optical system closed with tempered clear vision glass.

Electrical connection

The luminaire is equipped with special IP66 connectors.

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	
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Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Surface
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50, L80/B10	>100 000
Photo biological Risk Group	0

Luminaire efficacy (lm/W)	147
SDCM	3
Fixture Luminous Flux	4000lm
Glare control	UGR < 20
Color temperature (K)	4000
IP	66
IK	07

GENERAL DATA

Ordering No	
Product name	MPF ECO LED IP66
General applications	Warehouses, parking lots, production sites
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA

Luminaire Input Power (W)	27
Inrush duration (µs)	280
Inrush current (A)	276
Drive current (mA)	21
Max luminaires per 10A C Breaker	24
Max luminaires per 13A C breaker	32
Max luminaires per 16A C Breaker	40
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

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	PMMA/PC
Diffuser material	none

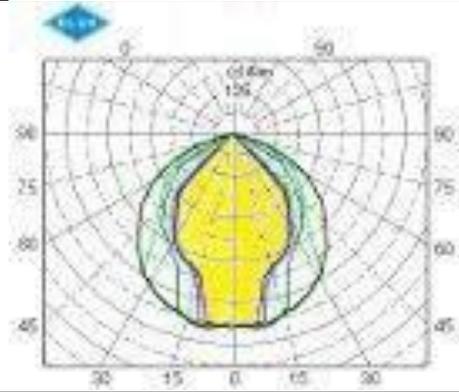
PACKAGING

Single packaging type	Carton
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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



TECHNICAL DRAWINGS



reserves the rights to further improve the listed luminaires.