

FACTOR LED 1M 37100LM 840 45D IP66 (281W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	987021
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	281
Luminous flux [lm]*:	37100
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	D

CHARACTERISTICS

Factor Led is a latest-generation floodlight with a high power output and an impressive luminous flux. It is characterized not only by very high luminous efficiency but also by the highest IP 66 tightness and IK09 impact resistance. These parameters have been achieved thanks to the branded components used, robust housing made of cast aluminum, and the use of a passive cooling system for the lamp, which allows the excess heat generated to be dissipated during lamp operation. The Factor Led has the advantage of very fast and easy installation. The lightweight steel arm is attached to the supporting structure (wall, pole), and then the light modules are plugged in. On a single bracket, the installer can plug in a lamp containing from 1 to 4 such modules.

APPLICATION

Very good sealing and impact resistance parameters, the ability to work in elevated temperatures - up to 45 ° C as standard, and an extensive range of spreads predisposes Factor Led lamps to work in harsh weather conditions. It will find application and perform well both inside industrial halls, warehouses, sports halls, logistics centers, and outdoors - on sports fields, airports, parking lots, and maneuvering areas. It can also illuminate the facades of buildings and elements of external architecture.

DETAILS

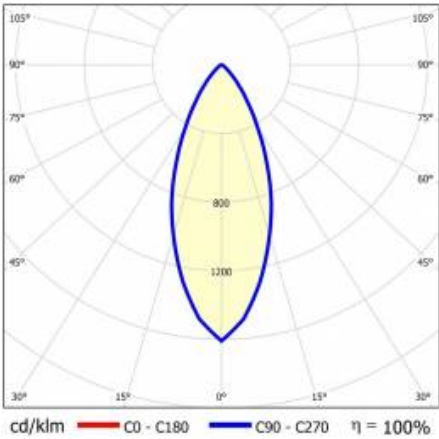
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TECHNICAL PARAMETERS TABLE

Index:	987021	Surge protection [kV]:	6
EAN:	5905963987021	Diffuser material:	PC
Rated power of the luminaire [W]:	281	Material of the body:	aluminium
Luminous flux [lm]:	37100	Colour of the body:	RAL7016
Supply voltage [V]:	220 - 240	Dimensions (H/W/T/S) [mm]:	191/425/217
Frequency [Hz]:	47 - 63	Impact resistance:	IK09
Luminous efficacy [lm/W]:	132	Ingress protection:	IP66
Energy efficiency class:	D	Working temperature [°C]:	from -40 to +35
Electrical protection class:	I	Dimensions of single box [mm]:	430/200/185
Colour temperature [K]:	4000	Number on the palette [pcs]:	35
Colour rendering index:	80	Net weight [kg]:	5.290
SDCM:	≤ 3	Version:	1 module
Power factor:	0.98	Warranty [years]:	5
LED lifespan L70B50 [h]:	156000	CE certificate:	262/2023
LED lifespan L80B20 [h]:	98000	ENEC Certificate:	0404/ENEC/25
LED lifespan L90B10 [h]:	47000	Environmental Product Declaration (EPD):	816/2025
Beam angle [°]:	45	Manual:	Download PDF

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
684791	Protective grid Factor LED 4M RAL7016
684784	Protective grid Factor LED 3M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016



Protective grid Factor LED 4M
RAL7016 (684791)



Protective grid Factor LED 3M
RAL7016 (684784)



Protective grid Factor LED 2M
RAL7016 (684777)

Card creation date:10 July 2025
The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 262/2023