

FACTOR LED 1M 37700LM 840 90D IP66 (281W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	987045
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	281
Luminous flux [lm]*:	37700
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

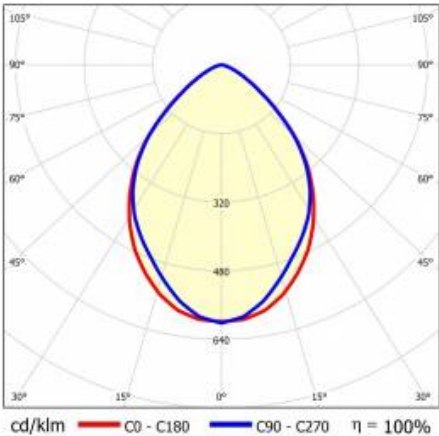
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TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	281	Material of the body:	aluminium
Index:	987045	Colour of the body:	RAL7016
EAN:	5905963987045	Dimensions (H/W/T/S) [mm]:	191/425/217
Luminous flux [lm]:	37700	Impact resistance:	IK09
Beam angle [°]:	90	Ingress protection:	IP66
Diffuser material:	PC	Working temperature [°C]:	from -40 to +35
Supply voltage [V]:	220 - 240	Dimensions of single box [mm]:	430/200/185
Frequency [Hz]:	47 - 63	Number on the palette [pcs]:	35
Luminous efficacy [lm/W]:	134	Net weight [kg]:	5.290
Energy efficiency class:	D	LED lifespan L70B50 [h]:	156000
Electrical protection class:	I	LED lifespan L80B20 [h]:	98000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	47000
Colour rendering index:	>80	Lateral surface (SCx) [m2]:	15° 0.006; 45° 0.017; 75° 0.023
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.98	CE certificate:	262/2023
Version:	1 module	ENEC Certificate:	0404/ENEC/25
Surge protection [kV]:	6	Manual:	Download PDF
		Plik LDT:	Download

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: 23 May 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 262/2023