FACTOR LED 1M 16000LM 840 90D IP66 (101W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	682001
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101
Luminous flux [lm]*:	16000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	B

CHARACTERISTICS

Factor Led C5-M (very high corrosivity, marine and industrial environments) is the latest generation of high-powered floodlight with impressive lumen output. It is characterised not only by very high luminous efficiency, but also by high IP66 sealing and IK09 impact resistance. These parameters were achieved thanks to the branded components used, the robust housing made of cast aluminium LM-6 (aluminium-silicon alloy) and the use of a passive lamp cooling system, which allows excess heat generation to be dissipated during lamp operation. In the C5-M version, the paint coating plays an even more important role. The Factor Led has the advantage of being very quick and easy to install. The lightweight steel arm is attached to the supporting structure (wall, column) and then the light modules are plugged in. On one bracket, the installer can plug in a lamp containing 1 to 4 such modules.

APPLICATION

Very good sealing and impact resistance parameters, the ability to operate at elevated temperatures - up to 45°C as standard - and an extensive range of beam patterns predispose Factor Led lamps for use in difficult weather conditions. It can be used and performs excellently both inside industrial halls, warehouses, sports halls, logistics centres and outdoors - on sports pitches, airports, car parks, manoeuvring areas. It can also illuminate the facades of buildings and external architectural elements.

DETAILS

FACTOR LED 1M 16000LM 840 90D IP66 (101W) C5-M

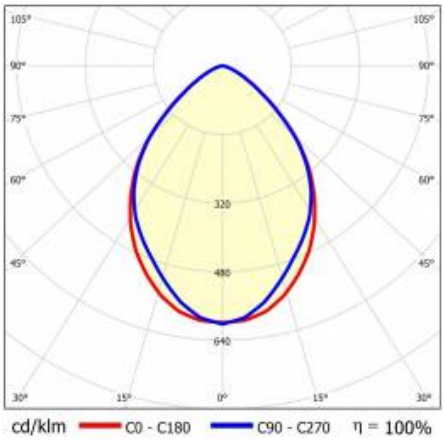
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	682001
EAN:	5905963682001
Light source:	LED module
Rated power of the luminaire [W]:	101
Luminous flux [lm]:	16000
Supply voltage [V]:	220-240
Frequency [Hz]:	47-63
Luminous efficacy [lm/W]:	158
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.98
LED lifespan L70B50 [h]:	156000
LED lifespan L80B10 [h]:	98000
LED lifespan L90B10 [h]:	47000
Beam angle [°]:	90
Surge protection [kV]:	6
Diffuser material:	PC
Material of the body:	aluminium

Colour of the body:	RAL7016
Dimensions (H/W/T/S) [mm]:	191/425/217
Mounting dimensions [mm]:	230
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	top
Working temperature [°C]:	from -40 to +45
Lateral surface (SCx) [m2]:	15° 0.006; 45° 0.017;75° 0.023
Dimensions of single box [mm]:	430/200/185
Number on the palette [pcs]:	35
Net weight [kg]:	5.140
Version:	1 module
Light distribution type:	symmetric
Corrosivity category:	C5-M
Warranty [years]:	5
CE certificate:	262/2023
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

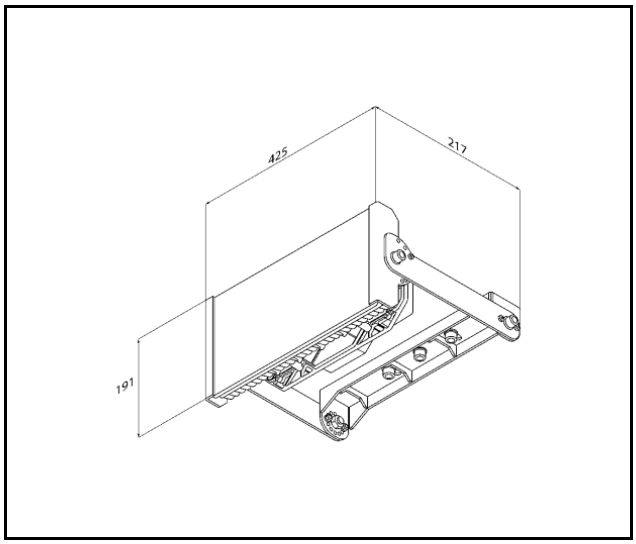
LIGHT CURVES



FACTOR LED 1M 16000LM 840 90D IP66 (101W) C5-M

DETAILED CARD

TECHNICAL PICTURES

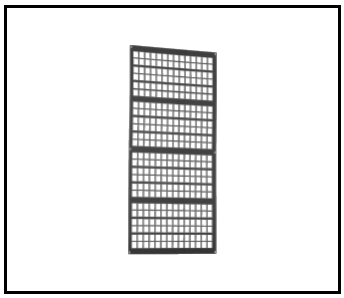


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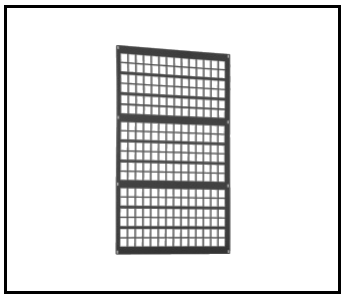
DETAILED CARD

ACCESSORIES AVAILABLE

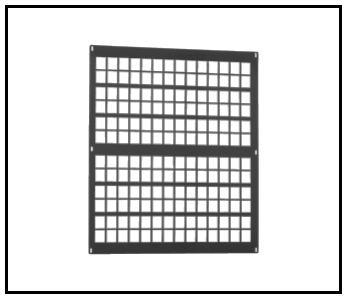
index	Name
684791	Protective grid Factor LED 4M RAL7016
684784	Protective grid Factor LED 3M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016
994883	Factor one-piece protective visor
994913	Factor ABC multi-piece protective visor
994906	Factor AB multi-piece protective visor
994890	Factor Multi-piece protective visor A



Protective grid Factor LED 4M RAL7016 (684791)



Protective grid Factor LED 3M RAL7016 (684784)



Protective grid Factor LED 2M RAL7016 (684777)

Card creation date: 19 February 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

LENA LIGHTING

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