FACTOR LED 1M 37700LM 840 90D IP66 (281W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	682209
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	281
Luminous flux [lm]*:	37700
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	D

CHARACTERISTICS

Factor Led C5-M (corrosion protection in harsh industrial and marine 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

Ports, wharves, shipyards, oil rigs and offshore infrastructure, chemical industry and refineries, bridges and infrastructure exposed to marine conditions, lighting on ships and ferries, industrial areas, playing fields, airports, car parks with high humidity and salinity.

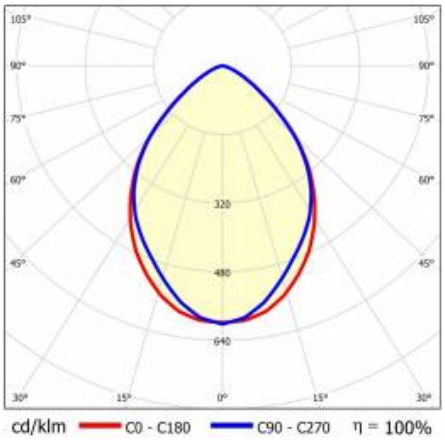
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TECHNICAL PARAMETERS TABLE

Index:	682209	**Material of the body:**	aluminium
EAN:	5905963682209	**Colour of the body:**	RAL7016
Light source:	LED	**Dimensions (H/W/T/S) [mm]:**	191/425/217
Rated power of the luminaire [W]:	281	**Mounting dimensions [mm]:**	230
Luminous flux [lm]:	37700	**Impact resistance:**	IK09
Supply voltage [V]:	220 - 240	**Ingress protection:**	IP66
Frequency [Hz]:	47 - 63	**Mounting version:**	top
Luminous efficacy [lm/W]:	134	**Working temperature [°C]:**	from -40 to +35
Energy efficiency class:	D	**Dimensions of single box [mm]:**	430
Electrical protection class:	I	**Number on the palette [pcs]:**	35
Colour temperature [K]:	4000	**Net weight [kg]:**	5.290
Color rendering index (Ra) >:	80	**Version:**	1 module
SDCM:	3	**Light distribution type:**	symmetric
Power factor:	0.98	**Corrosivity category:**	C5-M
LED lifespan L70B50 [h]:	156000	**Warranty [years]:**	5
LED lifespan L80B10 [h]:	98000	**CE certificate:**	262/2023
LED lifespan L90B10 [h]:	47000	**ENEC Certificate:**	0404/ENEC/25
Beam angle [°]:	90	**Environmental Product Declaration (EPD):**	816/2025
Surge protection [kV]:	6	**Manual:**	Download PDF
Diffuser material:	PC	**Plik LDT:**	Download

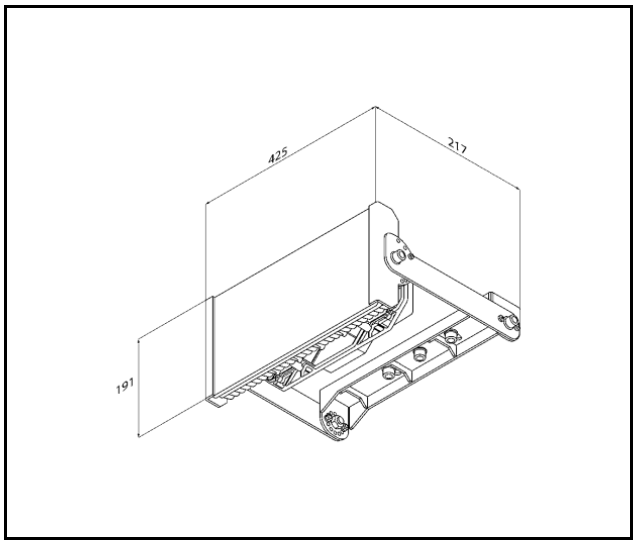
LIGHT CURVES



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DETAILED CARD

TECHNICAL PICTURES

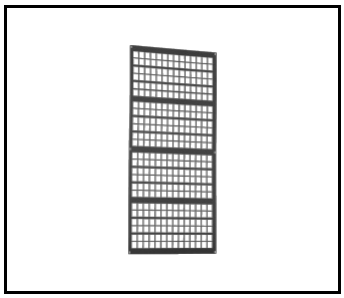


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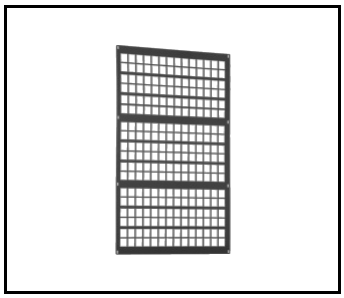
DETAILED CARD

ACCESSORIES AVAILABLE

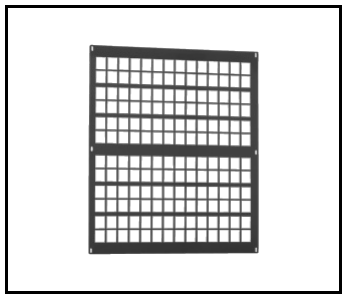
index	Name
684791	Protective grid Factor LED 4M RAL7016
684784	Protective grid Factor LED 3M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016
994883	Factor one-piece protective visor
994913	Factor ABC multi-piece protective visor
994906	Factor AB multi-piece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

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl