

# FACTOR LED 3M 113100LM 840 90D IP66 (843W) C5-M

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	682421
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	843
<b>Luminous flux [lm]*:</b>	113100
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	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

Rated power of the luminaire [W]:	843	LED lifespan L90B10 [h]:	47000
Index:	682421	Surge protection [kV]:	6
EAN:	5905963682421	Dimensions (H/W/T/S) [mm]:	580/425/340
Luminous flux [lm]:	113100	Material of the body:	aluminium
Light source:	LED	Colour of the body:	RAL7016
Beam angle [°]:	90	Mounting dimensions [mm]:	310
Diffuser material:	PC	Impact resistance:	IK09
Version:	3 modules	Ingress protection:	IP66
Supply voltage [V]:	220 - 240	Mounting version:	top
Frequency [Hz]:	47 - 63	Working temperature [°C]:	od -40 do +30
Luminous efficacy [lm/W]:	134	Dimensions of single box [mm]:	430
Energy efficiency class:	D	Number on the palette [pcs]:	18
Electrical protection class:	I	Net weight [kg]:	16.980
Colour temperature [K]:	4000	Light distribution type:	symmetric
Colour rendering index:	>80	Corrosivity category:	C5-M
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.98	CE certificate:	<a href="#">262/2023</a>
LED lifespan L70B50 [h]:	156000	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
LED lifespan L80B20 [h]:	98000	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 262/2023



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