# FACTOR LED 3M 69600LM 840 90D IP66 (489W) C5-M

**DETAILED CARD** 





## **TECHNICAL PARAMETERS**

Index:	682483
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	489
Luminous flux [lm]*:	69600
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Electrical protection class:	1
Energy efficiency class:	С

#### **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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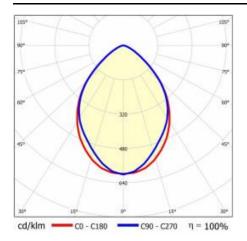
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:	682483
EAN:	5905963682483
Light source:	LED module
Rated power of the luminaire [W]:	489
Luminous flux [lm]:	69600
Supply voltage [V]:	220-240
Frequency [Hz]:	47-63
Luminous efficacy [lm/W]:	142
Energy efficiency class:	С
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.98
LED lifespan L70B50 [h]:	156000
LED lifespan L80B20 [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]:	580/425/340
Mounting dimensions [mm]:	310
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	top
Working temperature [°C]:	from -40 to +45
Dimensions of single box [mm]:	430
Number on the palette [pcs]:	18
Net weight [kg]:	16.530
Version:	3 modules
Light distribution type:	symmetric
Corrosivity category:	C5-M
Warranty [years]:	5
CE certificate:	262/2023
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	<u>816/2025</u>
Manual:	Download PDF

### **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%

