

FACTOR LED 1M 16600LM 740 120D IP66 SH (120W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	682018
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	120
Luminous flux [lm]*:	16600
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Electrical protection class:	I
Energy efficiency class:	C

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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Index:	682018	Material of the body:	aluminium
EAN:	5905963682018	Colour of the body:	RAL7016
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	191/425/217
Rated power of the luminaire [W]:	120	Mounting dimensions [mm]:	230
Luminous flux [lm]:	16600	Impact resistance:	IK09
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	47-63	Mounting version:	top
Luminous efficacy [lm/W]:	138	Working temperature [°C]:	from -40 to +45
Energy efficiency class:	C	Dimensions of single box [mm]:	430
Electrical protection class:	I	Number on the palette [pcs]:	35
Colour temperature [K]:	4000	Net weight [kg]:	5.440
Colour rendering index:	70	Version:	1 module
SDCM:	≤ 5	Light distribution type:	symmetric
Power factor:	0.98	Corrosivity category:	C5-M
LED lifespan L70B50 [h]:	156000	Warranty [years]:	5
LED lifespan L80B20 [h]:	98000	CE certificate:	262/2023
LED lifespan L90B10 [h]:	47000	ENEC Certificate:	0404/ENEC/25
Beam angle [°]:	120	Environmental Product Declaration (EPD):	816/2025
Surge protection [kV]:	6	Manual:	Download PDF
Diffuser material:	tempered glass		

LIGHT CURVES

