

FACTOR LED XL C5-M 3M 232500LM 840 50D DALI IP66 (1665W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	493850
Ingress protection:	IP66
Rated power of the luminaire [W]*:	1665
Luminous flux [lm]*:	232500
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Electrical protection class:	I
Energy efficiency class:	C
Warranty [years]:	5
Impact resistance:	IK09

CHARACTERISTICS

Very high-power floodlights used in the most demanding investments, professional sports facilities, football stadiums, where sporting events are broadcast by television in accordance with the highest standards. The prototype in the FACTOR family is the highly acclaimed FACTOR LED floodlight, consisting of 1-4 modules with a maximum luminous flux of approx. 150,000 lm. The new FACTOR XL series raises the bar by almost doubling the maximum luminous flux using only three modules and the highest luminous efficacy. All this is thanks to a compact and efficient design, which also translates into lower investment and operating costs for the facility. The exceptional quality of light is ensured by branded LEDs and professional optical systems. Excellent tightness and impact resistance parameters ensure operation in the most difficult weather conditions.

APPLICATION

Ports, quays, shipyards, drilling platforms and offshore infrastructure, chemical industry and refineries, bridges and infrastructure exposed to marine conditions, lighting on ships and ferries, industrial areas, sports fields, airports, car parks with high humidity and salinity. It can be used and works well both inside industrial, warehouse and sports halls, logistics centres, as well as outside – on sports fields, airports, car parks and manoeuvring areas. It can also illuminate building facades and external architectural elements.

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Index:	493850	Beam angle [°]:	50
EAN:	5905963493850	Surge protection [kV]:	6
Light source:	LED module	Diffuser material:	PC
Rated power of the luminaire [W]:	1665	Diffuser type:	matrix led
Luminous flux [lm]:	232500	Material of the body:	aluminium
Supply voltage [V]:	220-240	Colour of the body:	RAL7016
Luminous efficacy [lm/W]:	140	Dimensions (H/W/T/S) [mm]:	1084/624/238
Energy efficiency class:	C	Impact resistance:	IK09
Electrical protection class:	I	Mounting version:	top
Colour temperature [K]:	4000	Working temperature [°C]:	from -40 to +35
Color rendering index (Ra) >:	80	Dimensions of single box [mm]:	1088/630/238
Mounting dimensions [mm]:	302/79	Number on the palette [pcs]:	5
Ingress protection:	IP66	Net weight [kg]:	34.500
DIMM DALI:	yes	Warranty [years]:	5
Version:	3M	CE certificate:	76/2026
Light distribution type:	symmetric	ENEC Certificate:	0404/ENEC/25
Corrosivity category:	C5-M	Environmental Product Declaration (EPD):	816/2025
Frequency [Hz]:	47-63	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
LED lifespan L70B50 [h]:	520000	Manual:	Download PDF
LED lifespan L80B10 [h]:	1110000	Plik LDT:	Download
LED lifespan L90B10 [h]:	1780000		

Card creation date: 19 May 2026

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: 76/2026