FACTOR LED XL C5-M 1M 38650LM 840 50D DALI IP66 (244W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	489532
Ingress protection:	IP66
Rated power of the luminaire [W]*:	244
Luminous flux [lm]*:	38650
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Electrical protection class:	I
Energy efficiency class:	B
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.

LENA LIGHTING

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TECHNICAL PARAMETERS TABLE

Index:	489532	Beam angle [°]:	50
EAN:	5905963489532	Surge protection [kV]:	6
Light source:	LED module	Diffuser material:	PC
Rated power of the luminaire [W]:	244	Diffuser type:	matrix led
Luminous flux [lm]:	38650	Material of the body:	aluminium
Supply voltage [V]:	220-240	Colour of the body:	RAL7016
Luminous efficacy [lm/W]:	158	Dimensions (H/W/T/S) [mm]:	368/624/227
Energy efficiency class:	B	Impact resistance:	IK09
Electrical protection class:	I	Mounting version:	top
Colour temperature [K]:	4000	Working temperature [°C]:	from -40 to +50
Color rendering index (Ra) >:	80	Dimensions of single box [mm]:	630/390/150
Mounting dimensions [mm]:	302/79	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Ingress protection:	IP66		
DIMM DALI:	yes	Warranty [years]:	5
Light distribution type:	symmetric	CE certificate:	19/2026
Corrosivity category:	C5-M	ENEC Certificate:	0404/ENEC/25
Frequency [Hz]:	47-63	Environmental Product Declaration (EPD):	816/2025
LED lifespan L70B50 [h]:	184000	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
LED lifespan L80B20 [h]:	115000	Manual:	Download PDF
LED lifespan L90B10 [h]:	54000	Plik LDT:	Download

CE   Certificate CE - Nr: 19/2026

LENA LIGHTING

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