FACTOR LED HB C5-M

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101.00 - 562.00
Luminous flux [lm]*:	16000 - 75400
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70; 80
SDCM:	3; 5
Electrical protection class:	I
Energy efficiency class:	B; C; D; G
Material of the body:	aluminium
Diffuser material:	PC; tempered glass
Diffuser type:	matrix led; transparent
Beam angle [°]:	90; 120
Mounting version:	surface-mounted or suspended
Dimensions (H/W/T/S) [mm]:	387/397/125; 191/397/125;
Warranty [years]:	5

CHARACTERISTICS

Factor Led HB C5-M (corrosion protection in harsh industrial and marine environments) is the latest generation of high bay with high power and high lumen output. It is characterised not only by very high luminous efficacy, but also by high IP66 sealing and IK09 impact resistance. These parameters are 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 quickly and easily suspended or surface-mounted. The design allows the hanging or mounting of a lamp consisting of one or two light 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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AVAILABLE VERSIONS

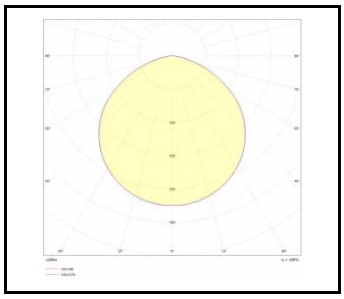

Click index >>, to see details

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Diffuser type	Color rendering index (Ra) >	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
101	16000	90	PC	matrix led	80		191/397/125	>> 682858
120	16600	120	tempered glass	transparent	70		191/397/125	>> 682865
163	23200	90	PC	matrix led	80		191/397/125	>> 682872
194	25300	120	tempered glass	transparent	70		191/397/125	>> 682889
202	32000	90	PC	matrix led	80		387/397/125	>> 682957
217	29400	90	PC	matrix led	80		191/397/125	>> 682926
217	29400	90	PC	matrix led	80	yes	191/397/125	>> 682919
233	29000	120	tempered glass	transparent	70	yes	191/397/125	>> 682896
233	29000	120	tempered glass	transparent	70		191/397/125	>> 683114
240	33200	120	tempered glass	transparent	70		387/397/125	>> 682964
281	37700	90	PC	matrix led	80		191/397/125	>> 682933
326	46400	90	PC	matrix led	80		387/397/125	>> 682971
388	50600	120	tempered glass	transparent	70		387/397/125	>> 682988
434	58800	90	PC	matrix led	80		387/397/125	>> 683022
434	58800	90	PC	matrix led	80	yes	387/397/125	>> 683015
466	58000	120	tempered glass	transparent	70		387/397/125	>> 683008
466	58000	120	tempered glass	transparent	70	yes	387/397/125	>> 682995
562	75400	90	PC	matrix led	80		387/397/125	>> 683039

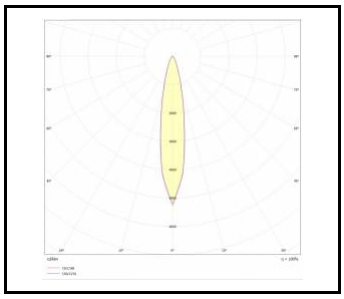
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GENERAL CARD

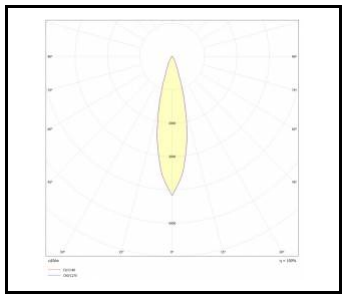
LUMINOUS INTENSITY DISTRIB. CURVE



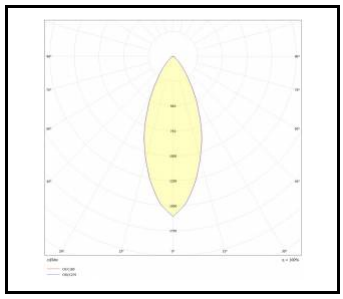
120D



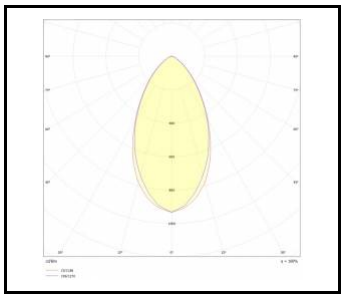
15D



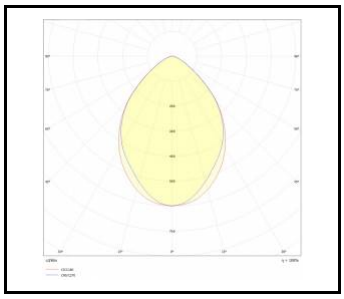
30D



45D



60D



90D

Card creation date: 19 September 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 263/2023

LENA LIGHTING

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