

# FACTOR LED HB 2M 58800LM 840 90D DALI IP66 (434W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	994562
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	434
<b>Luminous flux [lm]*:</b>	58800
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	D

## CHARACTERISTICS

Factor Led HB is the latest generation high bay with high power and high luminous flux. It is characterized not only by very high luminous efficiency, but also by high tightness IP66 and impact resistance IK09. These parameters have been achieved thanks to the use of branded components, a solid housing made of cast aluminum and the use of a passive lamp cooling system, which allows the excess heat generated during lamp operation to be released. The advantage of Factor Led is very quick and simple suspended or surface mounting. The design allows you to hang or mount a lamp consisting of one or two light modules.

## APPLICATION

Very good tightness and impact resistance parameters, the ability to work at elevated temperatures - up to 45°C as standard, and an extensive distribution offer give a lot of flexibility in choosing the optimal solution. Factor LED HB will be used and will work great inside industrial halls, warehouses, sports halls, in logistics and exhibition centers and in workshops.

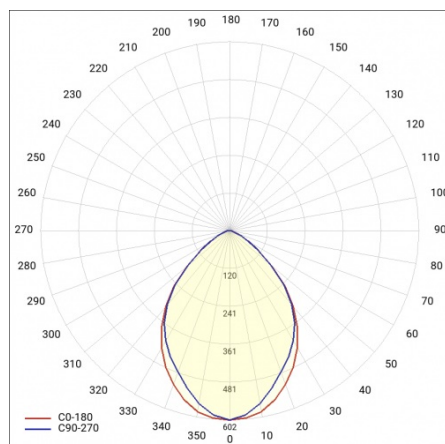
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## TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	434	Colour of the body:	RAL7016
Index:	994562	Impact resistance:	IK09
Colour temperature [K]:	4000	Ingress protection:	IP66
EAN:	5905963994562	Mounting version:	surface-mounted or suspended
Luminous flux [lm]:	58800	Working temperature [°C]:	from -40 to +45
Beam angle [°]:	90	Dimensions of single box [mm]:	430/410/175
Diffuser material:	PC	Number on the palette [pcs]:	18
Supply voltage [V]:	220-240	Net weight [kg]:	9.760
Energy efficiency class:	D	Light distribution type:	symmetric
Luminous efficacy [lm/W]:	135	Version:	2 modules
Electrical protection class:	I	LED lifespan L70B50 [h]:	156000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	98000
DIMM DALI:	yes	LED lifespan L90B10 [h]:	47000
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.98	CE certificate:	<a href="#">263/2023</a>
Surge protection [kV]:	6	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
Dimensions (H/W/T/S) [mm]:	387/397/125	Manual:	<a href="#">Download PDF</a>
Diffuser type:	matrix led	Plik LDT:	<a href="#">Download</a>
Material of the body:	aluminium		

## LIGHT CURVES



# FACTOR LED HB 2M 58800LM 840 90D DALI IP66 (434W)

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## ACCESSORIES AVAILABLE

index	Name
987984	FACTOR LED HB surface mount single 1M
987991	FACTOR LED HB surface mount bracket double 2M



FACTOR LED HB surface mount single 1M (987984)



FACTOR LED HB surface mount bracket double 2M (987991)

Card creation date: 17 January 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 263/2023