

# FACTOR LED HB 1M 37700LM 840 90D IP66 (281W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	994043
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	281
<b>Luminous flux [lm]*:</b>	37700
<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.

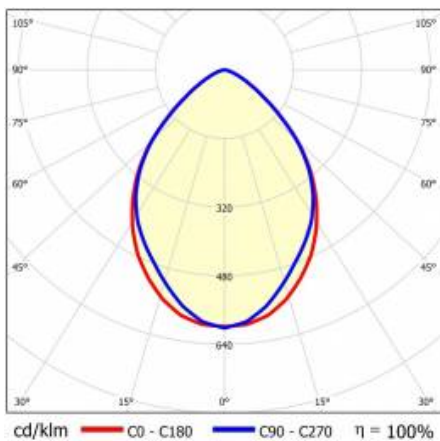
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## TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	281	Material of the body:	aluminium
Index:	994043	Colour of the body:	RAL7016
Colour temperature [K]:	4000	Impact resistance:	IK09
EAN:	5905963994043	Ingress protection:	IP66
Luminous flux [lm]:	37700	Mounting version:	surface-mounted or suspended
Beam angle [°]:	90	Working temperature [°C]:	from -40 to +35
Diffuser material:	PC	Dimensions of single box [mm]:	430/200/185
Supply voltage [V]:	220 - 240	Number on the palette [pcs]:	35
Energy efficiency class:	D	Net weight [kg]:	4.420
Luminous efficacy [lm/W]:	134	Light distribution type:	symmetric
Electrical protection class:	I	Version:	1 module
Colour rendering index:	>80	LED lifespan L70B50 [h]:	156000
Frequency [Hz]:	47 - 63	LED lifespan L80B20 [h]:	98000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	47000
Power factor:	0.98	Additional accessories:	RCR module, NT holder
Surge protection [kV]:	6	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	191/397/125	CE certificate:	<a href="#">263/2023</a>
Diffuser type:	matrix led	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
		Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



# FACTOR LED HB 1M 37700LM 840 90D IP66 (281W)

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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