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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	994043
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	281
Luminous flux [lm]*:	37700
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Electrical protection class:	1
Energy efficiency class:	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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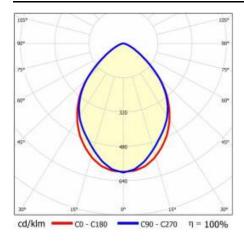
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	994043
EAN:	5905963994043
Rated power of the luminaire [W]:	281
Luminous flux [lm]:	37700
Supply voltage [V]:	220 - 240
Luminous efficacy [lm/W]:	134
Energy efficiency class:	D
Electrical protection class:	ı
Colour temperature [K]:	4000
Colour rendering index:	80
Frequency [Hz]:	47 - 63
SDCM:	≤3
Power factor:	0.98
Beam angle [°]:	90
Surge protection [kV]:	6
Diffuser material:	PC
Diffuser type:	matrix led
Material of the body:	aluminium
Colour of the body:	RAL7016
Dimensions (H/W/T/S) [mm]:	191/397/125

Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	surface-mounted or suspended
Working temperature [°C]:	from -40 to +35
Dimensions of single box [mm]:	430/200/185
Number on the palette [pcs]:	35
Net weight [kg]:	4.420
Light distribution type:	symmetric
Version:	1 module
LED lifespan L70B50 [h]:	156000
LED lifespan L80B20 [h]:	98000
LED lifespan L90B10 [h]:	47000
Additional accessories:	RCR module, NT holder
Warranty [years]:	5
CE certificate:	<u>263/2023</u>
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

### **LIGHT CURVES**



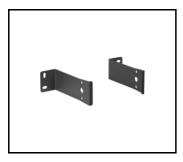


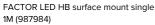
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#### **ACCESSORIES AVAILABLE**

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







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