FACTOR LED HB 2M 29200LM 840 30D IP66 (202W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	994302
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	202
Luminous flux [lm]*:	29200
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	1
Energy efficiency class:	С

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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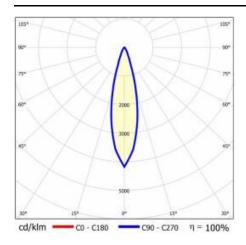
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 994302 EAN: 5905963994302 Rated power of the luminaire [W]: 202 Luminous flux [Im]: 29200 Supply voltage [V]: 220-240 Luminous efficacy [Im/W]: 145 Energy efficiency class: C Electrical protection class: I Colour temperature [K]: 4000 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.98 Beam angle [°]: 30 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]: 387/397/125		
Rated power of the luminaire [W]: Luminous flux [Im]: Supply voltage [V]: Luminous efficacy [Im/W]: Energy efficiency class: C Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Material of the body: Colour of the body: RAL7016	Index:	994302
Luminous flux [Im]: Supply voltage [V]: Luminous efficacy [Im/W]: Energy efficiency class: C Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: C20-240 145 220-240 145 145 C 0.98 80 SDCM: 3 POP 6 PC Diffuser material: PC Material of the body: RAL7016	EAN:	5905963994302
Supply voltage [V]: Luminous efficacy [Im/W]: Energy efficiency class: C Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: Colour of the body: Material of the body: Diffuser material: RAL7016	Rated power of the luminaire [W]:	202
Luminous efficacy [lm/W]: Energy efficiency class: C Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: Colour of the body: Material 1 145 400 400 80 80 SDCM: 80 SDCM: 9 6 Diffuser material: PC matrix led aluminium RAL7016	Luminous flux [lm]:	29200
Energy efficiency class: Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: Power factor: Beam angle [°]: Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: Colour of the body: RAL7016	Supply voltage [V]:	220-240
Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: 80 SDCM: 90 Beam angle [°]: 30 Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: Colour of the body: RAL7016	Luminous efficacy [lm/W]:	145
Colour temperature [K]: 4000 Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.98 Beam angle [°]: 30 Surge protection [kV]: 6 Diffuser material: PC Diffuser type: matrix led Material of the body: aluminium Colour of the body: RAL7016	Energy efficiency class:	С
Color rendering index (Ra) >: 80 SDCM: 3 Power factor: 0.98 Beam angle [°]: 30 Surge protection [kV]: 6 Diffuser material: PC Diffuser type: matrix led Material of the body: RAL7016	Electrical protection class:	I
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Power factor: Beam angle [°]: 30 Surge protection [kV]: 6 Diffuser material: PC Diffuser type: matrix led Material of the body: Colour of the body: RAL7016	Color rendering index (Ra) >:	80
Beam angle [°]: 30 Surge protection [kV]: 6 Diffuser material: PC Diffuser type: matrix led Material of the body: aluminium Colour of the body: RAL7016	SDCM:	3
Surge protection [kV]: Diffuser material: PC Diffuser type: Material of the body: Colour of the body: RAL7016	Power factor:	0.98
Diffuser material: Diffuser type: Material of the body: Colour of the body: RAL7016	Beam angle [°]:	30
Diffuser type: matrix led Material of the body: aluminium Colour of the body: RAL7016	Surge protection [kV]:	6
Material of the body: aluminium Colour of the body: RAL7016	Diffuser material:	PC
Colour of the body: RAL7016	Diffuser type:	matrix led
·	Material of the body:	aluminium
Dimensions (H/W/T/S) [mm]: 387/397/125	Colour of the body:	RAL7016
	Dimensions (H/W/T/S) [mm]:	387/397/125
	Dimensions (H/W/T/S) [mm]:	387/397/125

Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	surface-mounted or suspended
Working temperature [°C]:	from -40 to +45
Dimensions of single box [mm]:	430/410/175
Number on the palette [pcs]:	18
Net weight [kg]:	8.776
Light distribution type:	symmetric
Version:	2 modules
LED lifespan L70B50 [h]:	156000
LED lifespan L80B20 [h]:	98000
LED lifespan L90B10 [h]:	47000
Warranty [years]:	5
CE certificate:	<u>263/2023</u>
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	<u>816/2025</u>
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES



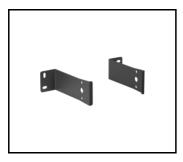


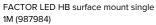
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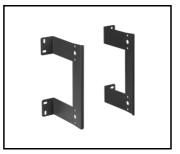
DETAILED CARD

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)

Card creation date: 10 July 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%

