FACTOR LED HB 1M 14800LM 840 15D IP66 (101W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	994050
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101
Luminous flux [lm]*:	14800
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	C

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.
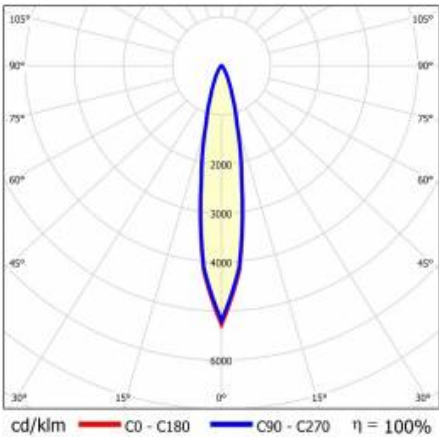
FACTOR LED HB 1M 14800LM 840 15D IP66 (101W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	994050	Impact resistance:	IK09
EAN:	5905963994050	Ingress protection:	IP66
Rated power of the luminaire [W]:	101	Mounting version:	surface-mounted or suspended
Luminous flux [lm]:	14800	Working temperature [°C]:	from -40 to +45
Supply voltage [V]:	220-240	Dimensions of single box [mm]:	430/200/185
Luminous efficacy [lm/W]:	147	Number on the palette [pcs]:	35
Energy efficiency class:	C	Net weight [kg]:	4.274
Electrical protection class:	I	Light distribution type:	symmetric
Colour temperature [K]:	4000	Version:	1 module
Colour rendering index:	80	LED lifespan L70B50 [h]:	156000
SDCM:	≤ 3	LED lifespan L80B20 [h]:	98000
Power factor:	0.98	LED lifespan L90B10 [h]:	47000
Beam angle [°]:	15	Warranty [years]:	5
Surge protection [kV]:	6	CE certificate:	263/2023
Diffuser material:	PC	ENEC Certificate:	0404/ENEC/25
Diffuser type:	matrix led	Environmental Product Declaration (EPD):	816/2025
Material of the body:	aluminium	Manual:	Download PDF
Colour of the body:	RAL7016	Plik LDT:	Download
Dimensions (H/W/T/S) [mm]:	191/397/125		

LIGHT CURVES

cd/klm —— C0 - C180 —— C90 - C270   η = 100%

FACTOR LED HB 1M 14800LM 840 15D IP66 (101W)

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 single 1M (987984)

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

Certificate CE - Nr: 263/2023