## QUEST LED EVO M ENDURA HBZ 14500LM I CL. IP67 740 120D 80W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:828096Ingress protection:IP67Rated power of the luminaire [W]\*:80Luminous flux [Im]\*:14500Colour temperature [K]:4000Color rendering index (Ra) >:70SDCM:3Electrical protection class:IEnergy efficiency class:A

Material of the body: aluminium

#### CHARACTERISTICS

The Endura version of Quest LED EVO M luminaires, their high-bay versions: surface-mounted Quest LED EVO M HB NT and suspended Quest LED EVO M HB Z are extremely efficient premium class floodlights, manufactured in Poland, adapted to operate at high temperatures (up to 50 degrees C). The body is made of die-cast aluminium, powder coated, without an external heat sink and ribs that make it difficult to keep clean. The basic version has a steel arm with a 7.5-degree scale, while the highbay endura (HB NT) version is available in surface-mounted and suspended (HB Z) versions. The diffuser is made of tempered glass, under which there are LEDs with the highest efficiency. Various types of optics, especially saymmetrical ones, provide great freedom in selecting the right solution for a specific application. Thanks to the highest tightness rating on the market (IP67) and maximum impact resistance (IK10), it will perform well in all conditions, regardless of the weather and installation location. The new version of the renowned and proven QUEST model in its smallest version offers even better lighting parameters, achieving an efficiency of over 170 Im/W. The Endura variant also meets the requirements of PN-EN 60598-2 part 5, which allows them to be classified as illumination projectors. This means complete freedom of installation in any position, with 360° rotation and resistance to strong winds – an advantage not offered by other floodlights. An additional advantage for contractors is the sealed quot connector – an innovative solution that eliminates traditional, time-consuming connection methods (screws). Thanks to an intuitive system of coloured latches, connector installation reduction (white RAL7016: 4%, body colour RAL7016: 8%). The models can be equipped with an external motion and twilight sensor.

#### **APPLICATION**

Quest LED EVO M Endura, Quest LED EVO M Endura HB NT and Endura HB Z are used in: lighting educational, administrative and institutional facilities, halls, garages, passageways, warehouses, shops, the food industry and commercial and service facilities related to food products Illumination of buildings, small sports fields, open spaces and car parks, environments with elevated ambient temperatures (up to 50 degrees C). Installation options as a floodlight, on poles and masts, on building facades, as a surface-mounted highbay (HB NT version), suspended highbay (HB Z version), flush-mounted (e.g. shelters). The product is particularly well suited for use in factories and production halls as well as large-area warehouses, especially in areas exposed to high temperatures.



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### **TECHNICAL PARAMETERS TABLE**

Index:	828096
EAN:	5905963828096
Rated power of the luminaire [W]:	80
Luminous flux [Im]:	14500
Supply voltage [V]:	220 - 240
Surge protection [kV]:	6
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Frequency [Hz]:	0/50/60
Luminous efficacy [lm/W]:	181
Energy efficiency class:	A
Electrical protection class:	1
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
SDCM:	3
Beam angle [°]:	120
Diffuser material:	glass
Material of the body:	aluminium

Colour of the body:	RAL7016
Dimensions (H/W/T/S) [mm]:	439/527/57
Ingress protection:	IP67
Working temperature [°C]:	from -20 to +50
The number of implement units:	1
Dimensions of single box [mm]:	550
Number on the palette [pcs]:	48
Version:	м нв z
Light distribution type:	general
Impact resistance:	IK10
LED lifespan L70B50 [h]:	162000
LED lifespan L80B20 [h]:	101000
LED lifespan L90B10 [h]:	47000
Warranty [years]:	5
CE certificate:	<u>81/2025</u>
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

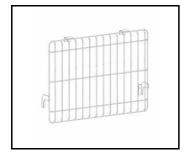


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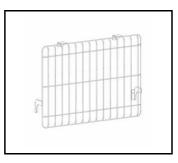
**DETAILED CARD** 

### **ACCESSORIES AVAILABLE**

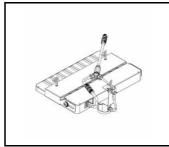
index	Name
840432	QUEST LED EVO M protective grid RAL7016
840074	QUEST LED EVO M protective grid RAL9003
840388	QUEST LED EVO M/L RCR set 1x
840371	QUEST LED EVO M/L RCR set 2x



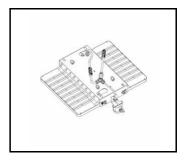
QUEST LED EVO M protective grid RAL7016 (840432)



QUEST LED EVO M protective grid RAL9003 (840074)



QUEST LED EVO M/L RCR set 1x (840388)



QUEST LED EVO M/L RCR set 2x (840371)

Card creation date: 06 August 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%

