QUEST LED EVO XS ENDURA HBZ 6000LM I CL. IP67 840 MW (85D) 41W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	795831
Ingress protection:	IP67
Impact resistance:	IK10
Rated power of the luminaire [W]*:	41
Luminous flux [lm]*:	6000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	C

CHARACTERISTICS

The Endura version of Quest LED Evo XS luminaires, their high-bay versions: surface-mounted Quest LED Evo XS HB NT and suspended Quest LED Evo XS HB Z are compact yet extremely efficient premium floodlights, manufactured in Poland, adapted to operate at high temperatures (up to 50 degrees C). Their body is made of die-cast aluminium, powder coated, without an external heat sink and fins that make cleaning difficult. The luminaire is designed for use in highly corrosive, marine C5-M environments. The basic version has a steel arm with a 7.5-degree scale, while the highbay endura (HB NT) version is available in a surface-mounted form. The diffuser is made of tempered glass, under which there are LEDs with the highest efficiency. Different types of optics, especially asymmetrical ones, provide great freedom in choosing 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 lm/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 quick connector – an innovative solution that eliminates traditional, time-consuming connection methods (screws). Thanks to an intuitive system of coloured latches, connector installation is simple, quick and tool-free. The accessory kit includes: pole mounting brackets (basic version); frame for flush mounting, e.g. in shelters (basic version); light pollution reduction screens (basic version); protective grids in two colours with different degrees of light reduction (white RAL7016: 4%, body colour RAL7016: 8%).

APPLICATION

Quest LED Evo XS Endura and Quest LED Evo XS Endura HB NT 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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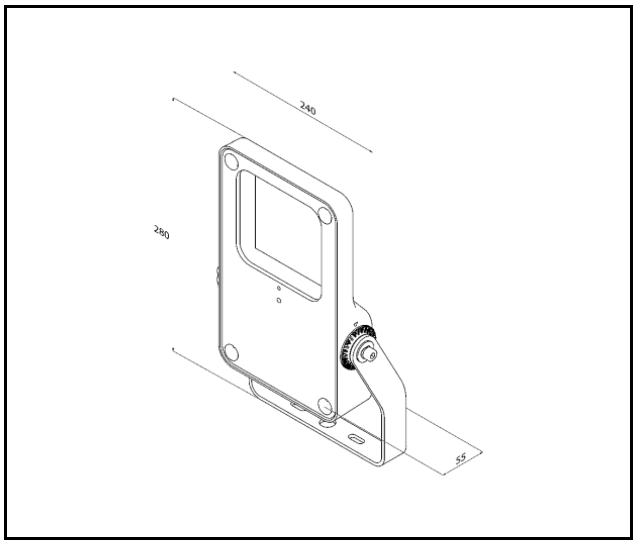
TECHNICAL PARAMETERS TABLE

Index:	795831	**Ingress protection:**	IP67
EAN:	5905963795831	**Mounting version:**	suspended
Light source:	LED	**Working temperature [°C]:**	from -40 to +50
Rated power of the luminaire [W]:	41	**Number on the palette [pcs]:**	45
Supply voltage [V]:	220-240	**Net weight [kg]:**	2.900
Frequency [Hz]:	50/60	**Category type:**	floodlights
Luminous flux [lm]:	6000	**AC voltage range [V]:**	100-305
Luminous efficacy [lm/W]:	146	**Version:**	HB suspended
Energy efficiency class:	C	**Light distribution type:**	MW
Electrical protection class:	I	**LED lifespan L70B50 [h]:**	165000
Colour temperature [K]:	4000	**LED lifespan L80B10 [h]:**	108000
Color rendering index (Ra) >:	80	**LED lifespan L90B10 [h]:**	108000
SDCM:	3	**Corrosivity category:**	C5-M
Beam angle [°]:	85	**Category of application:**	industrial
Surge protection [kV]:	6	**Warranty [years]:**	5
Diffuser material:	glass	**CE certificate:**	02/2025
Diffuser type:	transparent	**ENEC Certificate:**	
Material of the body:	aluminium	**HACCP:**	852/2004
Colour of the body:	RAL7016	**Environmental Product Declaration (EPD):**	816/2025
Dimensions (H/W/T/S) [mm]:	280/240/55 (390/310/325)	**Manual:**	Download PDF
Mounting dimensions [mm]:	265/45	**ISO Certificates:**	9001:2015, 14001:2015, 45001:2018, 50001:2018
Impact resistance:	IK10	**Plik LDT:**	Download

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DETAILED CARD

TECHNICAL PICTURES

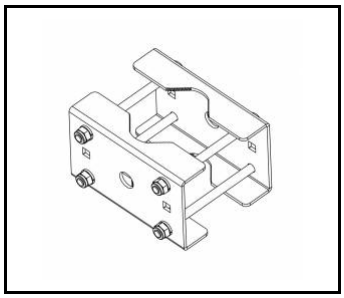


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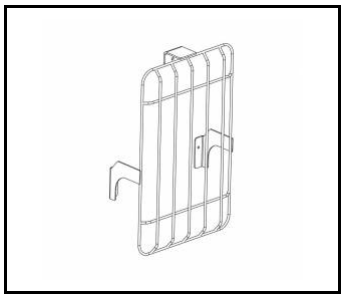
DETAILED CARD

ACCESSORIES AVAILABLE

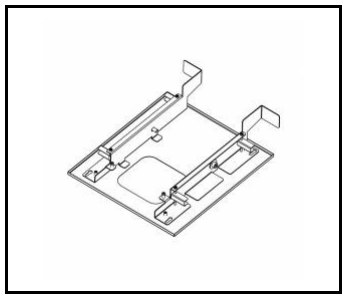
index	Name
840395	QUEST LED EVO XS pole holder
840425	QUEST LED EVO XS protective grid RAL7016
840456	QUEST LED EVO XS recessed frame RAL7016
840487	QUEST LED EVO XS cover RAL7016
881732	QUEST LED EVO XS protective grid RAL9003
840098	QUEST LED EVO XS/S/M/L wall mount MAX RAL7016 1m
WSE0005	RC MOS MR004 IoT programming remote control
833595	QUEST LED EVO XS holder HBZ RAL7016



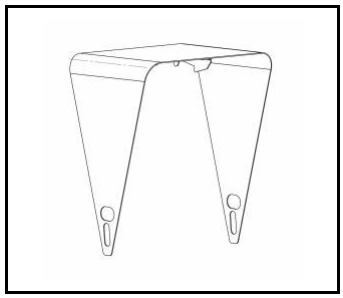
QUEST LED EVO XS pole holder (840395)



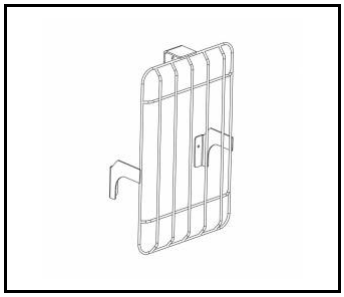
QUEST LED EVO XS protective grid RAL7016 (840425)



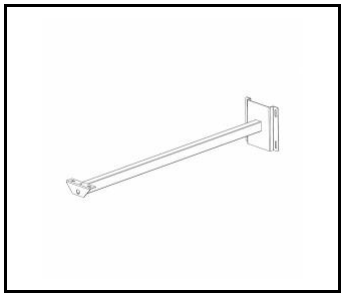
QUEST LED EVO XS recessed frame RAL7016 (840456)



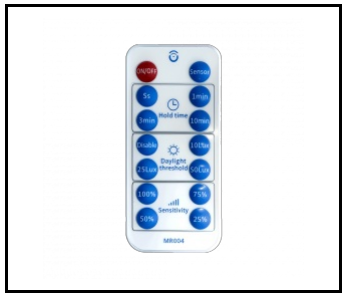
QUEST LED EVO XS cover RAL7016 (840487)



QUEST LED EVO XS protective grid RAL9003 (881732)



QUEST LED EVO XS/S/M/L wall mount MAX RAL7016 1m (840098)



RC MOS MR004 IoT programming remote control (WSE0005)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 02/2025

LENA LIGHTING

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