

QUEST LED EVO L ENDURA HB

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP67
Rated power of the luminaire [W]*:	81.00 - 476.00
Luminous flux [lm]*:	15100 - 78500
Colour temperature [K]:	4000
Colour rendering index:	>70
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	A; B
Material of the body:	aluminium
Diffuser material:	glass
Diffuser type:	transparent
Beam angle [°]:	75; 120
Mounting version:	surface; suspended
Dimensions (H/W/T/S) [mm]:	490/527/57; 475/635/152; 753/635/85; 855/635/152;
Warranty [years]:	5

CHARACTERISTICS

The Endura version of Quest LED EVO L luminaires, their high-bay versions: surface-mounted Quest LED EVO L HB NT and suspended Quest LED EVO L 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 asymmetrical 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 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 grilles in two colours with different degrees of light reduction (white RAL7016: 4%, body colour RAL7016: 8%). The models can be equipped with an external motion and twilight sensor.

APPLICATION

Quest LED EVO L Endura, Quest LED EVO L 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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AVAILABLE VERSIONS



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QUEST LED EVO L ENDURA HB 475/635/152mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Light distribution type	DIMM DALI	Version	Mounting version	Dimensions (H/W/T/S) [mm]	Index
81	4000	15100	120	general		L ENDURA HB NT	surface	475/635/152	>> 828980
81	4000	15150	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828928
109	4000	19650	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828935
109	4000	19650	75	SW	yes	L ENDURA HB NT	surface	475/635/152	>> 829185
109	4000	19750	120	general		L ENDURA HB NT	surface	475/635/152	>> 828997
109	4000	19750	120	general	yes	L ENDURA HB NT	surface	475/635/152	>> 829208
147	4000	25800	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828942
147	4000	25900	120	general		L ENDURA HB NT	surface	475/635/152	>> 829109
176	4000	30350	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828959
176	4000	30500	120	general		L ENDURA HB NT	surface	475/635/152	>> 829116
206	4000	34800	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828966
206	4000	34850	120	general		L ENDURA HB NT	surface	475/635/152	>> 829123
238	4000	39250	75	SW		L ENDURA HB NT	surface	475/635/152	>> 828973
238	4000	39250	120	general		L ENDURA HB NT	surface	475/635/152	>> 829130
238	4000	39250	75	SW	yes	L ENDURA HB NT	surface	475/635/152	>> 829192
238	4000	39250	120	general	yes	L ENDURA HB NT	surface	475/635/152	>> 829215

QUEST LED EVO L ENDURA HB 490/527/57mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Light distribution type	DIMM DALI	Version	Mounting version	Dimensions (H/W/T/S) [mm]	Index
81	4000	15100	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828867
81	4000	15150	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828805
109	4000	19650	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828812
109	4000	19650	75	SW	yes	L ENDURA HB Z	suspended	490/527/57	>> 829147
109	4000	19750	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828874
109	4000	19750	120	general	yes	L ENDURA HB Z	suspended	490/527/57	>> 829161
147	4000	25800	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828829
147	4000	25900	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828881
176	4000	30350	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828836
176	4000	30500	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828898
206	4000	34800	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828843
206	4000	34850	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828904
238	4000	39250	75	SW		L ENDURA HB Z	suspended	490/527/57	>> 828850
238	4000	39250	120	general		L ENDURA HB Z	suspended	490/527/57	>> 828911

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Light distribution type	DIMM DALI	Version	Mounting version	Dimensions (H/W/T/S) [mm]	Index
238	4000	39250	75	SW	yes	L ENDURA HB Z	suspended	490/527/57	>> 829154
238	4000	39250	120	general	yes	L ENDURA HB Z	suspended	490/527/57	>> 829178

QUEST LED EVO L ENDURA HB 753/635/85mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Light distribution type	DIMM DALI	Version	Mounting version	Dimensions (H/W/T/S) [mm]	Index
352	4000	60100	120	general		2xL ENDURA HB Z	suspended	753/635/85	>> 829499
352	4000	60700	75	SW		2xL ENDURA HB Z	suspended	753/635/85	>> 829468
412	4000	69600	75	SW		2xL ENDURA HB Z	suspended	753/635/85	>> 829475
412	4000	69700	120	general		2xL ENDURA HB Z	suspended	753/635/85	>> 829505
476	4000	78500	75	SW		2xL ENDURA HB Z	suspended	753/635/85	>> 829482
476	4000	78500	120	general		2xL ENDURA HB Z	suspended	753/635/85	>> 829512
476	4000	78500	75	SW	yes	2xL ENDURA HB Z	suspended	753/635/85	>> 829581
476	4000	78500	120	general	yes	2xL ENDURA HB Z	suspended	753/635/85	>> 829598

QUEST LED EVO L ENDURA HB 855/635/152mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Light distribution type	DIMM DALI	Version	Mounting version	Dimensions (H/W/T/S) [mm]	Index
352	4000	60100	120	general		2xL ENDURA HB NT	surface	855/635/152	>> 829550
352	4000	60700	75	SW		2xL ENDURA HB NT	surface	855/635/152	>> 829529
412	4000	69600	75	SW		2xL ENDURA HB NT	surface	855/635/152	>> 829536
412	4000	69700	120	general		2xL ENDURA HB NT	surface	855/635/152	>> 829567
476	4000	78500	75	SW		2xL ENDURA HB NT	surface	855/635/152	>> 829543
476	4000	78500	120	general		2xL ENDURA HB NT	surface	855/635/152	>> 829574
476	4000	78500	75	SW	yes	2xL ENDURA HB NT	surface	855/635/152	>> 829604
476	4000	78500	120	general	yes	2xL ENDURA HB NT	surface	855/635/152	>> 829611

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ACCESSORIES AVAILABLE

index	Name
840449	QUEST LED EVO L protective grid RAL7016
840081	QUEST LED EVO L protective grid RAL9003
840388	QUEST LED EVO M/L RCR set 1x
840371	QUEST LED EVO M/L RCR set 2x

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%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 82/2025



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