

# QUEST LED EVO L 48350LM DALI I CL. IP67 740 RM20 297W

## DETAILED CARD



### TECHNICAL PARAMETERS

Index:	838613
Ingress protection:	IP67
Rated power of the luminaire [W]*:	297
Luminous flux [lm]*:	48350
Colour temperature [K]:	4000
Colour rendering index:	>70
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	B
Material of the body:	aluminium

### CHARACTERISTICS

Quest LED EVO L, their high-bay versions: surface-mounted Quest LED EVO L HB NT and suspended Quest LED EVO L HB Z are extremely efficient floodlights and premium HB class luminaires, manufactured in Poland. Their body is made of die-cast aluminium, powder coated, without an external heat sink and ribs that make it difficult to keep clean. 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), the floodlights will perform well in all conditions, regardless of the weather and installation location. The new version of the renowned and proven QUEST model offers even better lighting parameters, achieving an efficiency of over 170 lm/W. Quest LED EVO M meets the requirements of PN-EN 60598-2 part 5, which allows it to be classified as an illumination projector, enabling complete freedom of installation in any position, with 360° rotation and resistance to strong winds. An additional advantage for contractors is the sealed quick connector – an innovative solution that eliminates traditional, time-consuming connection methods. Thanks to an intuitive system of coloured latches, connector installation is simple, quick and tool-free. The HB NT version is designed for surface mounting as a highbay using dedicated brackets. The HB Z version is designed for suspension. The accessory kit includes brackets for pole mounting, a frame for flush mounting (e.g. shelters), light pollution reduction screens and protective grids 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. They are also available in the ENDURA version, resistant to elevated ambient temperatures up to 50°C. The range also includes dual-module versions with increased flux and power. DALI versions are available (in the case of a gap in a specific power rating in the range with a DALI power supply, check the ENDURA DALI versions).

### APPLICATION

Quest LED EVO L is widely used in lighting educational, administrative and institutional facilities, halls, garages, passageways, warehouses, shops, as well as in the food industry and commercial and service facilities related to food products. They are an ideal solution for small sports fields, open spaces and car parks. They can be mounted as floodlights on poles and masts, on building facades, as well as surface-mounted highbays (HB NT version) and suspended highbays (HB Z version). Thanks to the flush-mounted option, they are perfect for shelters. Quest LED EVO L is an excellent choice for production plants and halls as well as large-area warehouses.

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## TECHNICAL PARAMETERS TABLE

Index:	838613	Mounting dimensions [mm]:	400
EAN:	5905963838613	Ingress protection:	IP67
Light source:	LED	Mounting version:	surface
Rated power of the luminaire [W]:	297	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220 - 240	DIMM DALI:	yes
Frequency [Hz]:	0/50/60	Number on the palette [pcs]:	24
Luminous flux [lm]:	48350	Category type:	floodlights
Luminous efficacy [lm/W]:	163	Version:	floodlight
Energy efficiency class:	B	AC voltage range [V]:	198-264
Electrical protection class:	I	DC voltage range [V]:	176-280
Colour temperature [K]:	4000	Light distribution type:	RM20
Colour rendering index:	>70	Warranty [years]:	5
SDCM:	≤ 3	CE certificate:	<a href="#">76/2025</a>
Diffuser material:	glass	Environmental Product Declaration (EPD):	<a href="#">816/2025</a>
Diffuser type:	transparent	Manual:	<a href="#">Download PDF</a>
Material of the body:	aluminium	Impact resistance:	IK10
Colour of the body:	RAL7016	Net weight [kg]:	8.500
Dimensions (H/W/T/S) [mm]:	434/550/57		

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## ACCESSORIES AVAILABLE

index	Name
840470	Quest LED Evo L recessed frame RAL7016
840449	QUEST LED EVO L protective grid RAL7016
840500	QUEST LED EVO L cover RAL7016
840081	QUEST LED EVO L protective grid RAL9003
840401	QUEST LED EVO M/L pole holder 1x
840418	QUEST LED EVO M/L pole holder 2x
840098	QUEST LED EVO wall mount RAL7016 1m
840388	QUEST LED EVO M/L RCR set 1x

Card creation date: 05 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: 76/2025



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl