

# QUEST PLUS LED HB 20300LM DALI I KL. IP66 840 70D SP10KV (144W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	567261
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK10
<b>Nominal power [W]:</b>	144
<b>Luminous flux [lm]*:</b>	20300
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	C

## CHARACTERISTICS

High-quality highbay with inbuilt LED source. The body is made of die-cast aluminium, powder coated in grey (RAL 9006), and the mounting bracket is made of black-painted steel. The diffuser is made of 5 mm thick tempered glass.

Available version with radio motion sensor:

- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).

## APPLICATION

The luminaire is dedicated for surface or suspended installation (with chains) for educational, administrative and administrative facilities, halls, garages, passages, warehouses, shops, the food industry and commercial and service facilities related to food goods.

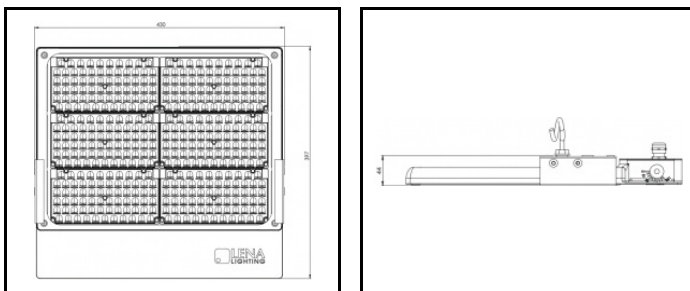
# QUEST PLUS LED HB 20300LM DALI I KL. IP66 840 70D SP10KV (144W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

<b>Light source:</b>	LED module	<b>Mounting version:</b>	suspended
<b>Nominal power [W]:</b>	144	<b>Working temperature [°C]:</b>	from -25 to +35
<b>Rated power of the luminaire [W]:</b>	147.30	<b>DIMM DALI:</b>	yes
<b>Supply voltage [V]:</b>	220-240	<b>Wire type:</b>	H05RR-F
<b>Frequency [Hz]:</b>	50 - 60	<b>Cable length [m]:</b>	0.90
<b>Luminous flux [lm]:</b>	20300	<b>Net weight [kg]:</b>	5.300
<b>Luminous efficacy [lm/W]:</b>	138	<b>CE certificate:</b>	158/2018
<b>Energy efficiency class:</b>	C	<b>Index:</b>	567261
<b>Electrical protection class:</b>	I	<b>EAN:</b>	5905963567261
<b>Colour temperature [K]:</b>	4000	<b>Category type:</b>	high-bay and low-bay
<b>Colour rendering index:</b>	>80	<b>Version:</b>	1xL
<b>SDCM:</b>	≤ 3	<b>AC voltage range [V]:</b>	198 - 264
<b>Power factor:</b>	0.99	<b>DC voltage range [V]:</b>	176 - 280
<b>Beam angle [°]:</b>	70	<b>UGR (4H8H):</b>	<22
<b>Surge protection [kV]:</b>	10	<b>LED lifespan L70B50 [h]:</b>	112000
<b>Diffuser material:</b>	tempered glass	<b>LED lifespan L80B20 [h]:</b>	71000
<b>Diffuser type:</b>	transparent	<b>LED lifespan L90B10 [h]:</b>	35000
<b>Diffuser colour:</b>	transparent	<b>Light distribution type:</b>	70 UGR<22
<b>Material of the body:</b>	aluminium	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Colour of the body:</b>	grey	<b>Warranty [years]:</b>	5
<b>Dimensions (H/W/T/S) [mm]:</b>	428/418/45	<b>Warranty [years]:</b>	5
<b>Impact resistance:</b>	IK10	<b>ETIM class:</b>	EC001716
<b>Ingress protection:</b>	IP66	<b>Manual:</b>	<a href="#">Download PDF</a>

## TECHNICAL PICTURES

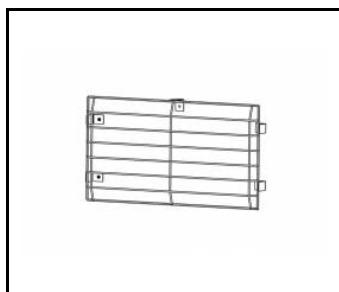


# QUEST PLUS LED HB 20300LM DALI I KL. IP66 840 70D SP10KV (144W)

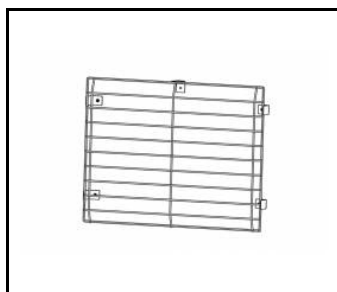
DETAILED CARD

## ACCESSORIES AVAILABLE

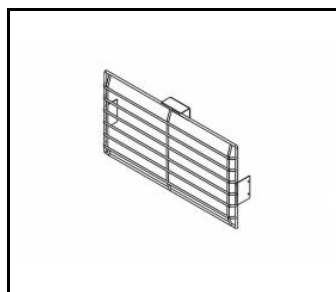
index	Name
559907	QUEST PLUS LED M protective grid RAL9006
559914	QUEST PLUS LED L protective grid RAL9006
559952	QUEST PLUS LED HB M protective grid RAL9006 single suspension
559945	QUEST PLUS LED HB L protective grid RAL9006 single suspension
559884	QUEST PLUS LED L - frame for recessed mounting
559891	QUEST PLUS LED M - frame for recessed mounting
WSEL438	Remote control for motion sensor HD01R



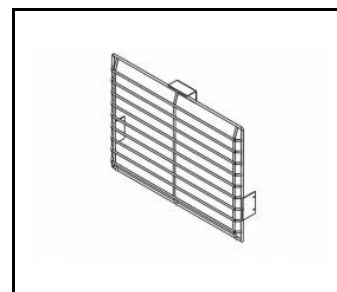
QUEST PLUS LED M protective grid RAL9006 (559907)



QUEST PLUS LED L protective grid RAL9006 (559914)



QUEST PLUS LED HB M protective grid RAL9006 single suspension (559952)



QUEST PLUS LED HB L protective grid RAL9006 single suspension (559945)



QUEST PLUS LED L - frame for recessed mounting (559884)



QUEST PLUS LED M - frame for recessed mounting (559891)



Remote control for motion sensor HD01R (WSEL438)

Card creation date: 06 April 2021

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: 158/2018