

QUEST PLUS LED L 21000LM IKL. IP66 840 SP10KV (144W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	559280
Ingress protection:	IP66
Impact resistance:	IK10
Nominal power [W]:	144
Luminous flux [lm]*:	21000
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤ 3
Electrical protection class:	I
Energy efficiency class:	C

CHARACTERISTICS

High-quality floodlight 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. It is equipped with directional lens matrices with 3 different light distributions: symmetrical (120°), asymmetric narrow ASN (30°) and asymmetric wide ASW (55°). Non-corrosive mounting bracket allowing for adjustment angles between -160° to +165°. The luminaire is available in 2 sizes: M and L. Standard equipped with 0.1m long H07RN-F cable and IP66 quick connector.

APPLICATION

The fitting is dedicated for lighting elevations and billboards. Wide range of accessories available: protective net, grip for the lighting pole, wall bracket.

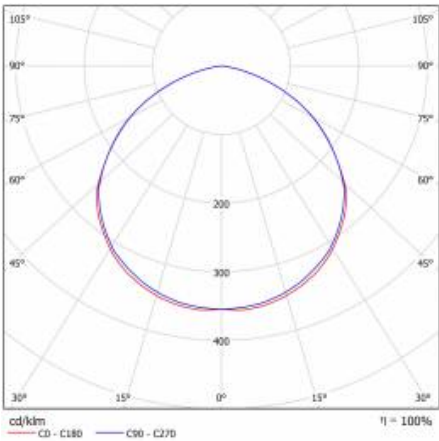
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TECHNICAL PARAMETERS TABLE

Light source:	LED module	Impact resistance:	IK10
Nominal power [W]:	144	Ingress protection:	IP66
Rated power of the luminaire [W]:	147.30	Working temperature [°C]:	from -25 to +35
Supply voltage [V]:	220-240	Tilt angle adjustment [°]:	from -160 to +165
Frequency [Hz]:	50 - 60	Lateral surface (SCx) [m2]:	0.160
Luminous flux [lm]:	21000	Net weight [kg]:	5
Luminous efficacy [lm/W]:	137	CE certificate:	64/2020
Energy efficiency class:	C	Index:	559280
Electrical protection class:	I	Category type:	floodlights
Colour temperature [K]:	4000	Version:	L
Colour rendering index:	>80	AC voltage range [V]:	198 - 264
SDCM:	≤ 3	DC voltage range [V]:	176 - 276
Power factor:	0.99	LED lifespan L70B50 [h]:	112000
Surge protection [kV]:	10	LED lifespan L80B20 [h]:	71000
Diffuser material:	tempered glass	LED lifespan L90B10 [h]:	35000
Diffuser type:	transparent	Light distribution type:	symmetric
Material of the body:	aluminium	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour of the body:	grey	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	396/447/35	Warranty [years]:	5
Mounting dimensions [mm]:	80	Manual:	Download PDF

LIGHT CURVES

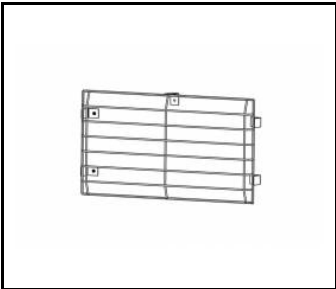


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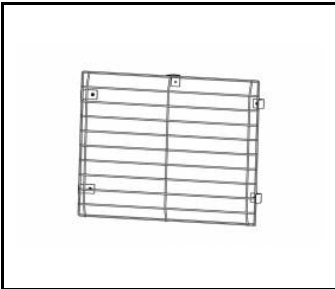
DETAILED CARD

ACCESSORIES AVAILABLE

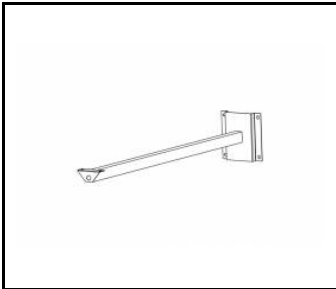
index	Name
559907	QUEST PLUS LED M protective grid RAL9006
559914	QUEST PLUS LED L protective grid RAL9006
559938	QUEST PLUS LED M/L wall holder RAL9006
559921	QUEST PLUS LED M/L galvanized holder for pole
16000507	Breathable gland gray M20*1.5 IP68



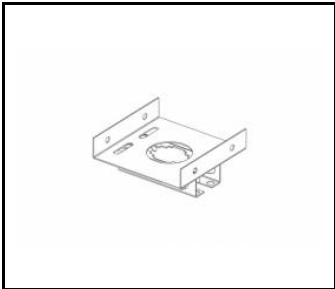
QUEST PLUS LED M protective grid
RAL9006 (559907)



QUEST PLUS LED L protective grid
RAL9006 (559914)



QUEST PLUS LED M/L wall holder
RAL9006 (559938)



QUEST PLUS LED M/L galvanized
holder for pole (559921)



Breathable gland gray M20*1.5
IP68 (16000507)

Card creation date: 05 March 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: 64/2020