

9610006CW

SILVER LED HIGH BAY LIGHT 100W 5700K 120°

Silver LED industrial high bay light. 100W power and 13000lm luminous flux. Equipped with 168 pcs Lumileds LED chips with 4kV surge protection. Symmetrical 120° beam angle and 5700K colour temperature. Protection rating IP20 and mechanical impact resistance rating IK08. Aluminium body with silver finish and transparent thermoplastic diffuser.



PRODUCT SPECIFICATIONS

Item code:	9610006CW
Description:	LED high bay industrial light
EAN13 code:	8436568444918

ELECTRICAL DATA

Power:	100w
Voltage:	170-260vac
Frequency:	50-60Hz
Power factor:	0,9
Dimmable:	NOT
Driver Protection:	OVP, SCP, OPP, OTP
Overvoltage protection:	4kv
Electrical insulation class:	CLASS I
Connection:	L/N+TT

LUMINOUS DATA

TColor temperature:	5700K
Luminous efficiency:	130lm/w
Lumens:	13000lm
LED chip brand:	Lumileds
LED chip model:	Luxeon 3030 2d
Number of LED chips:	168pcs
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Color rendering index, minimum:	80
Color rendering index, maximum:	85
Standard desviation of colour matching:	<6

FLuminous flux maintenance	L90B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4
Flicker free:	YES

TECHNICAL DATA

Protection rating	IP20 (Protected against solid objects larger than 12 mm in diameter)
Impact rating:	IK08 (5J)
Operating temperature:	-20°~50°
Mounting type:	Surface

AVERAGE LIFESPAN

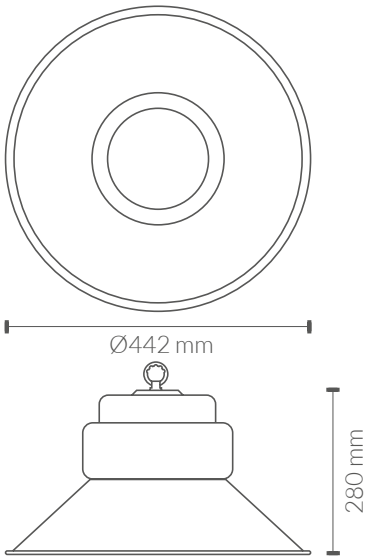
Working hours:	35000 hrs
Switching cycles:	25000 ON/OFF

PHYSICAL DATA

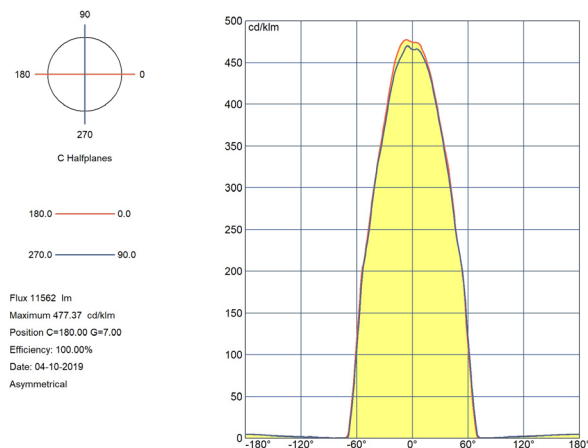
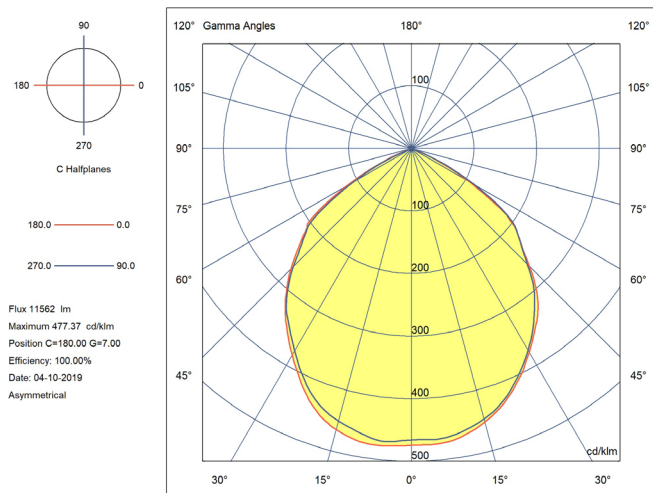
Housing	
Material:	Aluminum
Finish:	Silver
Diffuser	
Material:	Thermoplastic
Finish:	Transparent
Weight	
Weight:	1,29 kg

ENERGY EFFICIENCY 2023(UE-2019/2015)	F
--------------------------------------	---

DIMENSIONS



CURVA DE DISTRIBUCIÓN DE INTENSIDAD LUMINOSA



CERTIFICATIONS

CE & ROHS

EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

- EN IEC 55015** Limits and methods of measurement of radio-frequency disturbance characteristics of lighting equipment and similar apparatus.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with input current ≤ 16 A per phase).
- EN 61000-3-3** Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
- EN 61547** Lighting equipment for general use. EMC immunity requirements..

LVD directive 2014/35/EU LOW VOLTAGE

- EN 60598-1** Luminaires - Part 1: General requirements and tests.
- EN 60598-2-1** Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863 Determination of Certain Substances in Electrotechnical Products.

- IEC 62321-4** **IEC 62321-5**
- IIEC 62321-7-2** **IEC 62321-6**
- IEC 62321-8**

