ELLIPSOIDAL HIGH POWER

Typology
Range of high power LED lamps with SMD technology and high efficiency chip.
The ellipsoidal shapes recalls that of discharge lamps that are replaced by the same fixtures.
The 1800K and 2400K versions are specially designed to produce a "sodium effect": the extremely warm light colour is perfect for lighting stone buildings and ancient squares.

Features
Innovative technological solution: the ballast has been separated into two parts to create a wide cooling zone and ensure long life.
50W and 70W versions are equipped with an E27 cap and and E40 adapter.
PF: 0.95.

Material
Thermally conductive plastic body and dissipator; opal polycarbonate anti-glare screen.

Applications
Suitable for outdoor use inside suitable fixtures.

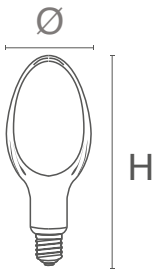
Notes
Do not use with dimmer.
It can be used in closed fixtures.
30W and 40W: lamps suitable for installation and use in residential, commercial and light industrial environments, in systems with "Category I" of impulse withstand in compliance with CEI EN 64-8/4 (IEC 60364-4-44).
In case of installation in public areas, it is advisable to use overvoltage surge protection.
50W and 70W: models are designed to withstand voltage peaks up to 6KV.

BASIC | 220-240 Vac | Ra >80 | 25000 h L70B50 | IP20 | E27 / E40 | -25°C +35°C | A↑G D | 300° | G2

Characteristic data

Power	50 W	Beam	300°	Dimmable	No	Input	220-240 Vac
Base	E27/E40	IP	20	Flux	7000 lm	PF	0,95
Tc	6400 K	Ra	>80	LED Warranty	G2		

Dimensional characteristics



ø	110 mm
H	296 mm

Lighting and photometric features

Beam opening	300°
Flux	7000 lm
CCT nominal colour temperature	6400 K
Colour of the light	Cool light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	50 W
Input voltage	220-240 Vac
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,95
Weighted energy consumption	50 kWh/1000h
Energy efficiency class	D
Number of cycles	40000
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	377

LED Warranty

G2	Up to 2 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.

European Directives	Product standards
2009/125/EC * Ecodesign	CEI EN 55015:2020 (+A11:2020)
2011/65/EU * RoHS	CEI EN 60968:2016
2012/19/EU * RAEE	CEI EN 61000-3-2:2019 (+A1:2021)
2014/30/EU * EMC	CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
2014/35/EU * LVD	CEI EN 61547:2010
2015/863 * Amending RoHS	CEI EN 62031:2021 (+A11:2022)
2017/1369 * Regulation for Energy Labelling	CEI EN 62471:2010
2019/2015 * Regulation for Energy Labelling	IEC/TR 62471-2:2009
2019/2020 * Regulation for Ecodesign	CEI EN 62560:2013 (+A1:2017/+A11:2020)
2021/340 * Amending Reg. Energy Labelling	CEI 34-141:2014
2021/341 * Amending Reg. Ecodesign	

Logistics data

Item net weight	393 gr
Barcode single item	8011905950842
Number of pieces multiple pack	10
Barcode multiple pack	8011905952044
Minimum order quantity	1
Minimum packaging	1 / 10

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