



DECO LED HIGH POWER HP2

Typology

Range of high power LED lamps with SMD technology and high efficiency chip.

Features

Flux up to 8600 lumens to replace also discharge lamps.

Installation

Suitable for outdoor use inside suitable fixtures.

Material

Metal body and heat sink for excellent thermal management; opal diffuser for antiglare effect.

Usage information

In order to replace discharge lamps with Deco Led High Power: make sure the fitting is suitable for direct feeding from the mains.

Notes

Do not use with dimmer.

In case of installation in public areas, it is advisable to use overvoltage surge protection.

The HP2 models are designed to withstand voltage peaks up to 6KV.



Characteristic data

Power	50 W	Beam	200°	Dimmable	No	Input	220-240 Vac
Base	E40	IP	20	Flux	7100 lm	PF	0,97
Tc	6400 K	Ra	>80	LED Warranty	G2		

Dimensional characteristics

Ø	120 mm
H	225 mm

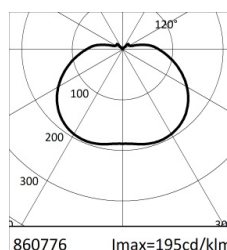
Lighting and photometric features

Beam opening	200°
Flux	7100 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

Electrical characteristics

Rated power	50 W
Input voltage	220-240 Vac
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,97
Input current	0.22 A
Weighted energy consumption	50 kWh/1000h
Energy efficiency class	D
Number of cycles	100000
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	382

Photometry

	6400K	H(m)	D(m)	Emax(lx)		
	Ra80	159°				
	Fixture Power	50W	1	10.59	893	
	Source Flux	4800lm	2	21.18	223	
	Fixture Flux	4800lm	3	31.78	99	
	Efficacy	96lm/W	4	42.37	56	
860776	I _{max} =195cd/klm	I _{max}	935cd	5	52.96	36

EulumDat file on the site

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.
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European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2014/35/EU * LVD
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 60968:2016
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI EN 62560:2013 (+A1:2017/+A11:2020)
CEI 34-141:2014

Logistics data

Item net weight	460 gr
Barcode single item	8011905860776
Number of pieces multiple pack	10
Barcode multiple pack	8011905861735
Minimum order quantity	1
Minimum packaging	1 / 10

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