



DECO LED HIGH POWER HP

Typology

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

Features

Flux up to 4600 lumens to replace also discharge lamps.

Installation

Suitable for outdoor use inside suitable fixtures.

Material

Heat-resistant plastic body with metal inner coating; opaline anti-glare polycarbonate cover.

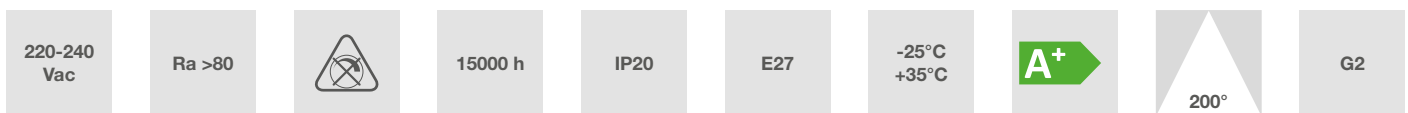
Usage information

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.

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).



Characteristic data

Power	40 W	Beam	200°	Dimmable	No	Input	220-240 Vac
Base	E27	IP	20	Flux	3850 lm	PF	0,97
Tc	4000 K	Ra	>80	LED Warranty	G2		

Dimensional characteristics



Ø	119 mm
H	213 mm

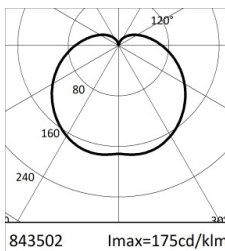
Lighting and photometric features

Beam opening	200°
Flux	3850 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	15000 h
LED lifespan	L70B20
Trigger time	<0,2 s
LM80 - Luminous flux maintenance at end of life	70
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	40 W
Input voltage	220-240 Vac
undefined	50 Hz
Dimmable	No
Power factor (PF)	0,97
Input current	0.17 A
Weighted energy consumption	40 kWh/1000h
Energy class	A+
Number of cycles	100000
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	220

Photometry



	4000K	H(m)	D(m)	E _{max} (lx)
	Ra80		157°	
Fixture Power	40W	1	10.04	659
Source Flux	3850lm	2	20.08	165
Fixture Flux	3850lm	3	30.12	73
Efficacy	96lm/W	4	40.16	41
843502 I _{max} =175cd/klm	I _{max}	5	50.20	26

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.
----	--

Standards and Directives

2009/125/EC, 244/2009, 859/2009, 1194/2012, 2015/1428, 2010/30/EU, 874/2012, 2011/65/EU, 2012/19/EU, 2014/30/EU, 2014/35/EU, 2015/863	CEI EN 62031/A1/A2:2015
CEI EN 55015:2020	CEI EN 62471:2010
CEI EN 60968:2016	IEC TR 62471-2:2009
CEI EN 61000-3-2:2019	CEI EN 62560:2013
CEI EN 61000-3-3:2014	CEI EN 62560/A1:2017
CEI EN 61547:2010	CEI 34-141:2014
CEI EN 62031:2009	

Logistics data

Item net weight	463 gr
Barcode single item	8011905843502
Number of pieces multiple pack	10
Barcode multiple pack	8011905788780