



## 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

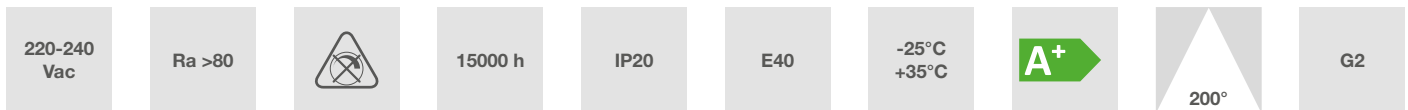
In order to replace discharge lamps with Deco Led High Power: make sure the fitting is suitable for direct feeding from the mains.

### Notes

Do not use with dimmer.

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

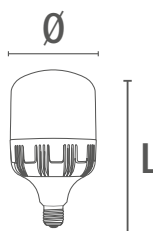
The HP2 models are designed to withstand voltage peaks up to 6KV.



### Characteristic data

|       |        |      |      |              |         |       |             |
|-------|--------|------|------|--------------|---------|-------|-------------|
| Power | 50 W   | Beam | 200° | Dimmable     | No      | Input | 220-240 Vac |
| Base  | E40    | IP   | 20   | Flux         | 4800 lm | PF    | 0,97        |
| Tc    | 6400 K | Ra   | >80  | LED Warranty | G2      |       |             |

### Dimensional characteristics



|   |        |
|---|--------|
| Ø | 118 mm |
| H | 231 mm |

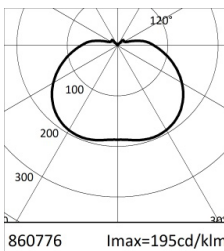
## Lighting and photometric features

|   |                    |
|---|--------------------|
| Beam opening                                    | 200°               |
| Flux  | 4800 lm            |
| CCT nominal colour temperature                  | 6400 K             |
| Colour of the light                             | Cool 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                        | 50 W          |
| Input voltage                      | 220-240 Vac   |
| undefined                          | 50 Hz         |
| Dimmable                           | No            |
| Power factor (PF)                  | 0,97          |
| Input current                      | 0.22 A        |
| Weighted energy consumption        | 50 kWh/1000h  |
| Energy class                       | A+            |
| Number of cycles                   | 100000        |
| Operating temperature              | -25°C / +35°C |
| Equivalence with incandescent lamp | 267           |

## Photometry



|                                    | 6400K            | H(m) | D(m)  | E <sub>max</sub> (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 <sub>max</sub> =195cd/klm | I <sub>max</sub> | 5    | 52.96 | 36                    |

EuLumDat file on the site

## LED Warranty

|    |  |
|----|--|
| G2 | Up to 2 years<br>(4000h/year) *4000h = 11h a day x 365 days.<br>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            | 8011905860776 |
| Number of pieces multiple pack | 10            |
| Barcode multiple pack          | 8011905861735 |