



## HDS - HIGH PRESSURE SODIUM - ELLIPTICAL

### Typology

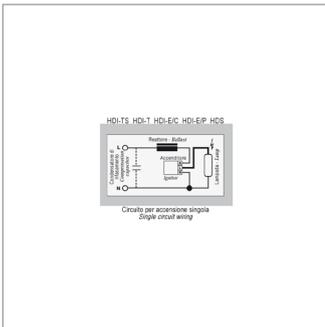
Discharge lamps.

### Features

Product reliability. This is what the entire range of Duralamp discharge lamps has in common. Used in technical and professional installations where relamping is often difficult, discharge lamps must be lamps you can depend upon.

### Notes

The HYPERCOLOR range with ceramic burners: excellent control of colour uniformity, colour rendering and colour stability over time.



100±15 Vac

Ra >20

24000 h

IP20

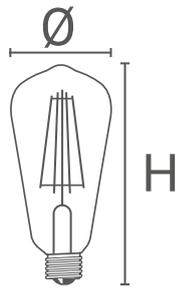
E27

-15°C  
+35°C

### Characteristic data

|       |       |          |         |       |            |      |     |
|-------|-------|----------|---------|-------|------------|------|-----|
| Power | 100 W | Dimmable | No      | Input | 100±15 Vac | Base | E27 |
| IP    | 20    | Flux     | 9500 lm | Tc    | 2000 K     | Ra   | >20 |

## Dimensional characteristics



|   |        |
|---|--------|
| Ø | 62 mm  |
| H | 155 mm |

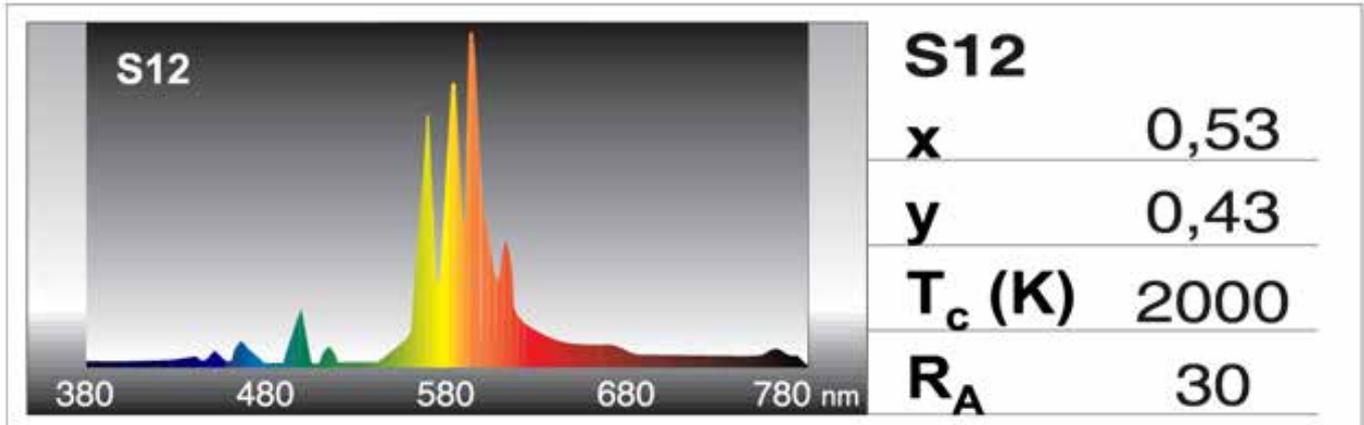
## Lighting and photometric features

|                                     |         |
|-------------------------------------|---------|
| Flux                                | 9500 lm |
| CCT nominal colour temperature      | 2000 K  |
| Colour rendering index              | >20     |
| Lifespan                            | 24000 h |
| Mercury                             | 8,0 mg  |
| Luminous Flux Maintenance at 2000h  | 94      |
| Luminous Flux Maintenance at 4000h  | 89      |
| Luminous Flux Maintenance at 6000h  | 88      |
| Luminous Flux Maintenance at 8000h  | 85      |
| Luminous Flux Maintenance at 12000h | 82      |
| Luminous Flux Maintenance at 16000h | 78      |
| Luminous Flux Maintenance at 20000h | 74      |
| Lamp survival factor at 2000h       | 99      |
| Lamp survival factor at 4000h       | 99      |
| Lamp survival factor at 6000h       | 98      |
| Lamp survival factor at 8000h       | 97      |
| Lamp survival factor at 10000h      | 93      |
| Lamp survival factor at 12000h      | 91      |
| Lamp survival factor at 15000h      | 74      |
| Lamp survival factor at 16000h      | 83      |
| Lamp survival factor at 20000h      | 80      |

## Electrical characteristics

|                         |               |
|-------------------------|---------------|
| Rated power             | 100 W         |
| Input voltage           | 100±15 Vac    |
| Frequency               | 50 Hz         |
| Dimmable                | No            |
| Input current           | 1.2 A         |
| Energy efficiency class | F             |
| Operating temperature   | -15°C / +35°C |
| Operating position      | 360°          |

## Spectrometry



### 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 62035:2016 (+A1:2020)

### Logistics data

|                                |               |
|--------------------------------|---------------|
| Item net weight                | 170 gr        |
| Barcode single item            | 8011905809188 |
| Number of pieces multiple pack | 12            |
| Barcode multiple pack          | 8011905754389 |
| Minimum order quantity         | 12            |
| Minimum packaging              | 12 / 12       |