



## HDS - HIGH PRESSURE SODIUM - ELLIPTICAL

### Typology

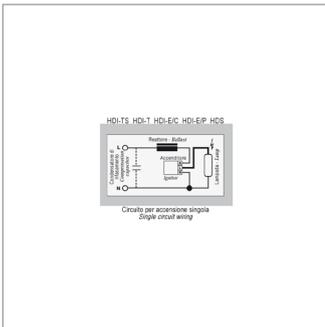
Discharge lamps.

### 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	E40	-15°C +35°C
------------	--------	--	--	---------	------	-----	----------------

### Characteristic data

Power	250 W	Dimmable	No	Input	100±15 Vac	Base	E40
IP	20	Flux	28750 lm	Tc	2000 K	Ra	>20

### Dimensional characteristics

Ø	91 mm
H	227 mm

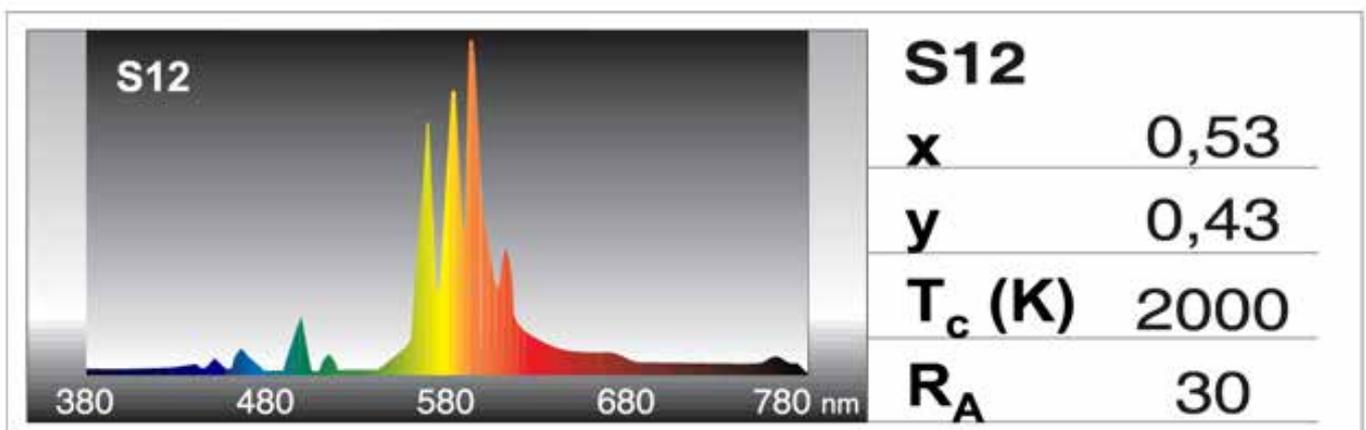
## Lighting and photometric features

Flux	28750 lm
CCT nominal colour temperature	2000 K
Colour rendering index	>20
Lifespan	24000 h
Mercury	20,0 mg
Luminous Flux Maintenance at 2000h	95
Luminous Flux Maintenance at 4000h	94
Luminous Flux Maintenance at 6000h	93
Luminous Flux Maintenance at 8000h	91
Luminous Flux Maintenance at 12000h	90
Luminous Flux Maintenance at 16000h	87
Luminous Flux Maintenance at 20000h	84
Lamp survival factor at 2000h	99
Lamp survival factor at 4000h	99
Lamp survival factor at 6000h	98
Lamp survival factor at 8000h	96
Lamp survival factor at 10000h	93
Lamp survival factor at 12000h	91
Lamp survival factor at 15000h	91
Lamp survival factor at 16000h	85
Lamp survival factor at 20000h	75

## Electrical characteristics

Rated power	250 W
Input voltage	100±15 Vac
Frequency	50 Hz
Dimmable	No
Input current	3 A
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	167 gr
Barcode single item	8011905042318
Number of pieces multiple pack	12
Barcode multiple pack	8011905734039