



## HDS - HIGH PRESSURE SODIUM - TUBULAR

### 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	600 W	Dimmable	No	Input	100±15 Vac	Base	E40
IP	20	Flux	70000 lm	Tc	2000 K	Ra	>20

### Dimensional characteristics

Ø	47 mm
H	285 mm

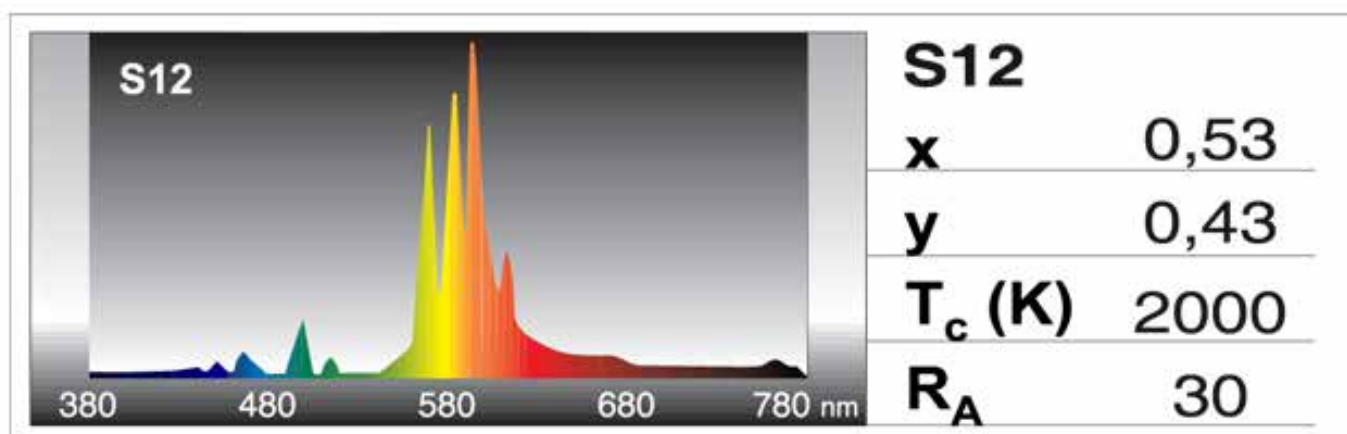
## Lighting and photometric features

Flux	70000 lm
CCT nominal colour temperature	2000 K
Colour rendering index	>20
Lifespan	24000 h
Mercury	32,0 mg
Luminous Flux Maintenance at 2000h	96
Luminous Flux Maintenance at 4000h	95
Luminous Flux Maintenance at 6000h	94
Luminous Flux Maintenance at 8000h	92
Luminous Flux Maintenance at 12000h	90
Luminous Flux Maintenance at 16000h	86
Luminous Flux Maintenance at 20000h	81
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	91
Lamp survival factor at 20000h	55

## Electrical characteristics

Rated power	600 W
Input voltage	100±15 Vac
Frequency	50 Hz
Dimmable	No
Input current	6 A
Operating temperature	-15°C / +35°C
Operating position	360°

## Spectrometry



## Standards and Directives

2009/125/EC * Ecodesign	
244/2009 * Regulation for Ecodesign	CEI EN 55015:2014 (+A1:2016)
859/2009 * Regulation for Ecodesign	CEI EN 60598-1:2015 (+EC:2015/+EC:2016)
1194/2012 * Regulation for Ecodesign	CEI EN 60598-2-1:2012
2015/1428 * Regulation for Ecodesign	CEI EN 61000-3-2:2015
2010/30/EU * Energy Labelling	CEI EN 61000-3-3:2014 (+EC:2014)
874/2012 * Regulation for Energy Labelling	CEI EN 61547:2010
2011/65/EU * RoHS	CEI EN 62031:2009 (+A1/+A2:2015)
2012/19/EU * RAEE	CEI EN 62471:2010
2014/30/EU * EMC	IEC/TR 62471-2:2009
2014/35/EU * LVD	CEI 34-141:2014

## Logistics data

Item net weight	250 gr
Barcode single item	8011905818319
Number of pieces multiple pack	6
Barcode multiple pack	8011905763190