



HDS - HIGH PRESSURE SODIUM - TUBULAR

Typology

Discharge lamps.

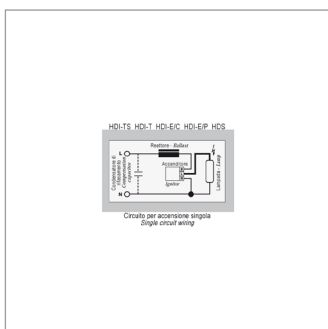
Features

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



16000 h

IP20

E40

-15°C
+35°C



Characteristic data

Power	100 W	Dimmable	No	Input	100±15 Vac	Base	E40
IP	20	Flux	10000 lm	Tc	2000 K	Ra	>20

Dimensional characteristics



Ø	47 mm
H	211 mm

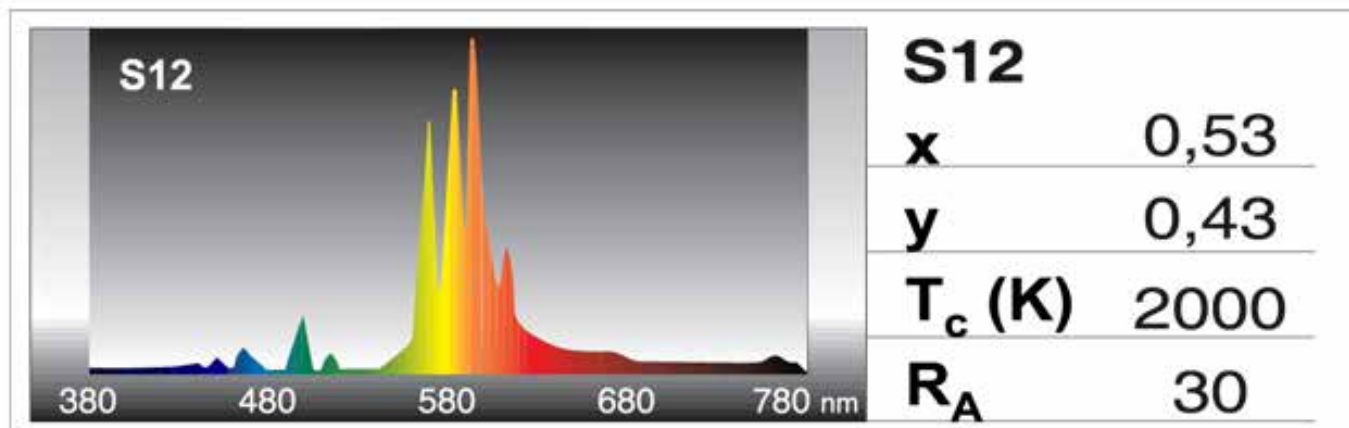
Lighting and photometric features

Flux	10000 lm
CCT nominal colour temperature	2000 K
Colour rendering index	>20
Lifespan	16000 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	86
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	100 gr
Barcode single item	8011905812133
Number of pieces multiple pack	20
Barcode multiple pack	8011905756765
Minimum order quantity	20
Minimum packaging	20 / 20