OSRAM DULUX® INTELLIGENT SOLAR 12V DC

Advantages

- OSRAM DULUX INTELLIGENT 12V DC primarily developed for use with solar power systems
- Voltage range from 9,6V to 14,4V DC
- Long average life up to 10000 hours
- No considering of limited switching cycles
- Reverse voltage protection
- Ideal for mobile use with batteries, for example when camping
- Base thread is negative pole

Common charcteristics

Average lifetime (165min on, 15min off)	Switching cycles (60s on, 180s off)	Energy efficiency	Starting time max.	Colour rendering index min.
10000h	1000000	A	1,0s	80

Operating temperature	Power factor λ min.	Mercury max.	Lumen maintenance 2000h min.	Lumen maintenance end of life min.
0°C to 50°C	-	1,9mg	85%	65%

Range

Type reference	Power	Voltage	Base	Luminous flux	Warm up for 60% light max.	Colour temperature
DINT 11W/825 12V DC	11W	12V DC	E27	560lm	20s	2500K
DINT 11W/840 12V DC	11W	12V DC	E27	560lm	20s	4000K

Type reference	Length l max.	Diameter d max.	Efficacy	Weight max.	Lamp current
DINT 11W/825 12V DC	130mm	45mm	51lm/W	77g	1000mA
DINT 11W/840 12V DC	130mm	45mm	51lm/W	77g	1000mA

Operation Safety

Hold base of lamp when fitting, not bulb.

Burning position Any

DC 9,6V to 14,4V DC

Dimmability No

Application For outdoor applications and operation in damp locations special approved fixtures are required.
To achieve full lifetime ensure good heat exchange for the electronic components.

Environment WEEE-lamps can be returned at municipal collection points.
Compact fluorescent lamps have to be disposed as special waste.

Information For further information please see http://www.osram.com

Conformity **2009/125/EC** Ecodesign Requirements, recast of 2005/32/EC Ecodesign Requirements, **244/2009** COMMISSION REGULATION (EC) implementing Directive 2005/32/EC, **2004/108/EC** Electromagnetic compatibility (EMC), **2002/95/EC** Restriction of Hazardous Substances (RoHS), **2002/96/EC** Waste electrical and electronic equipment (WEEE), **98/11/EC** Energy labelling of household lamps, **EN 50285** Energy efficiency, **EN 55015** Limits and methods of measurement of radio disturbance, **EN 61000-3-2** Electromagnetic compatibility – Limits for harmonic current emissions, **EN 61000-3-3** EMC – Limitation of voltage changes, voltage fluctuations, flicker, **EN 61547 EMC** immunity requirements, **EN 60968** Safety Requirements, **EN 60969** Performance requirements