

OSRAM DULUX S/E

7 W/840 2G7



Product benefits

- Very economical
- Outstanding quality of light
- Improved maintenance
- Low power consumption (7 W, 9 W, 11 W)
- Long service life

Product features

- Short and compact pin-base lamps with single-turn tubes
- Short and compact pin-base lamps with single-turn tubes
- Dimmable (3...100 %)
- Operates on battery, solar and AC power with suitable Electronic Control Gear
- Average life: 20,000 h (with QUICKTRONIC)



Technical data

Electrical data

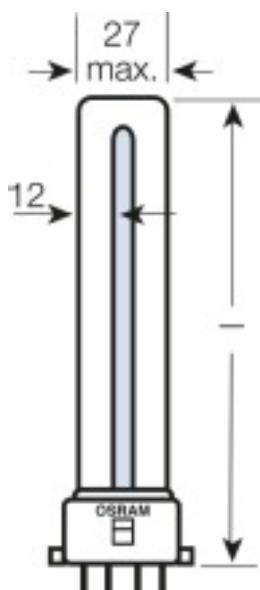
Nominal wattage	7 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated wattage	6.5 W

Light technical data

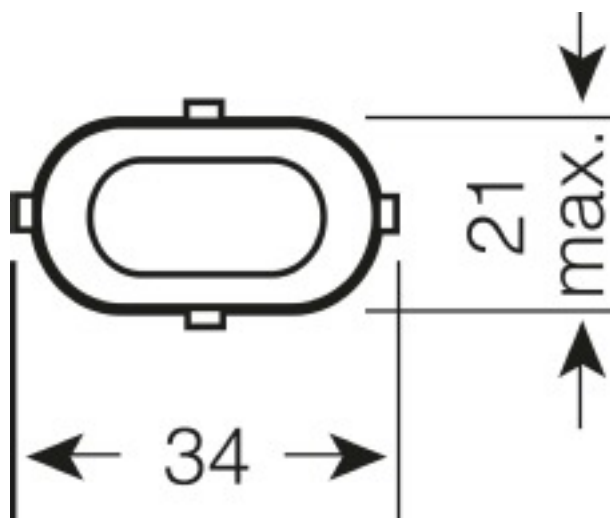
Rated color rendering index Ra	80...89
Rated luminous flux	402 lm
Luminous flux at 25 °C	400 lm
Light color	840
Rated color temperature	4000 K
Light color as per EN 12464-1	LUMILUX Cool White
Rated LLMF at 2,000 h	0.89
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.82
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76
Luminance	2.6 cd/cm ²

Dimensions & weight

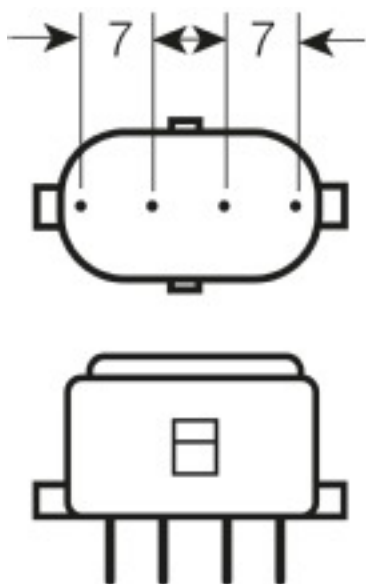
Tube diameter	12 mm
Length	115.0 mm
Length acc. to IEC standard	115 mm



Product line drawing with numbers



Prod line drw, top, neutral dimensions



Base

Colors & materials

Rated lamp mercury content	3.0 mg
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Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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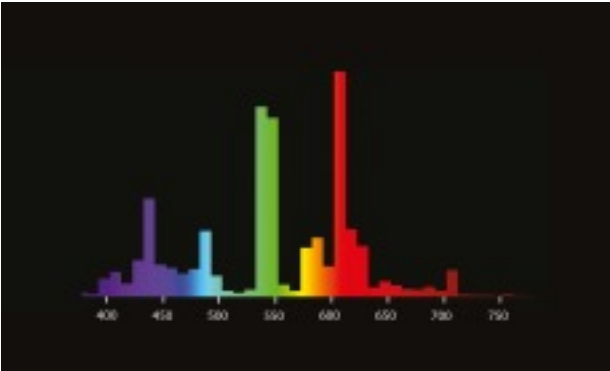
Lifespan

Lifespan	20000 h ¹⁾
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.96
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000 h	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	2G7
Appropriate disposal acc. to WEEE	Yes



Spectral power distribution

Capabilities

Suitable for indoor	Yes
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Certificates & standards

EEI – Energy Label	B
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Lamp-ECG combination (System)

DT-S/E 5-11/220-240 L

Products

DT-S/E 5-11/220-240 L

DT-S/E 5-11/220-240 S

Products

DT-S/E 5-11/220-240 S

QT-ECO 1x4-16/220-240 L

Products

QT-ECO 1x4-16/220-240 L

QT-ECO 1x4-16/220-240 S

Products

QT-ECO 1x4-16/220-240 S

QT-ECO 2x5-11/220-240 S

Products

QT-ECO 2x5-11/220-240 S

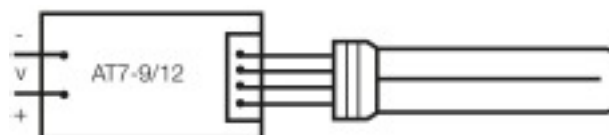
QT-T/E 1x14-17 HE

Products

QT-T/E 1x14-17/220-240 HE

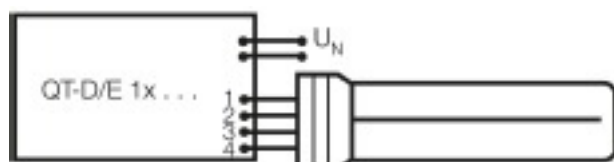
Safety advice

In case of lamp breakage: www.osram.com/brokenlamp



Others graphics

Circuit diagram



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300020167	Folding carton box 1	39 mm x 23 mm x 129 mm	31.17 g	0.12 dm ³
4050300252971	Shipping carton box 10	126 mm x 125 mm x 110 mm	321.00 g	1.73 dm ³

References / Links

For more information on QUICKTRONIC electronic control gear go to

▶ www.osram.com/QUICKTRONIC

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.