

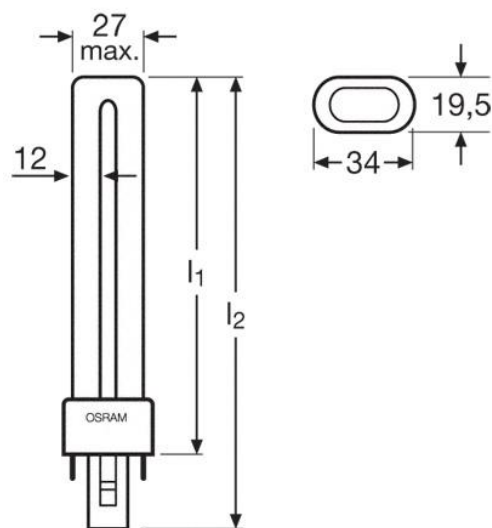
Benefits

- Extremely economical
- Good quality of light
- Ideal for cost-effective creative illumination and decoration
- Long service life time¹

Product Features

- Average life time: up to 10,000h
- Extremely flat dimensions
- Good lumen maintenance
- Available light colors: Cool Daylight (865), Cool White (840), White (835), Warm White (830), Extra Warm White (827)
- Also available as red/green/blue

Dimensions



Description	Base	Max Length L1 [mm]	Max Length L1 IEC [mm]	Max Length L2 [mm]
DULUX® S 5 W	G23	85	85	108
DULUX® S 7 W	G23	114	115	137
DULUX® S 9 W	G23	144	145	167
DULUX® S 11 W	G23	214	215	237

¹ Service life time is the mathematical life time (maintenance multiplied with the % of failed lamps e.g. B10) for lamps in an installation after which the installation luminous flux (100 h value) decreased by 30% (decrease in luminous flux and failed lamps) for indoor lighting

Electrical Data²

Lamps operated with **50Hz** reference ballast at **25 °C (100 h aged)** ambient temperature

DULUX® S	Lamp Voltage rated [V]	Lamp Current rated [mA]	Lamp Power rated [W]	Compensation parallel Capacitor CCG ³ mode ⁴ [µF]
5 W	35	180	5.4	2.2
7 W	47	175	7.1	2.1
9 W	60	170	8.7	2.0
11 W	91	155	11.8	1.7

Photometrical Data at 25 °C (100 h aged) ambient temperature⁵

DULUX® S	Light Color LUMILUX®	Color Rendering Index (CRI), Ra	Luminance (LC ⁶ 840) [cd/cm ²]	Target Color Coordinate X	Target Color Coordinate Y	Nominal Luminous Flux [lm]	Efficacy 25 °C [lm/W]	Energy Efficiency Class
5 W	827 INTERNA	80 ... 89	2.5	0.455	0.415	250	48	B
5 W	840 Cool White	80 ... 89	2.5	0.380	0.380	250	48	B
7 W	827 INTERNA	80 ... 89	2.6	0.455	0.415	400	57	B
7 W	830 Warm White	80 ... 89	2.6	0.440	0.403	400	57	B
7 W	835 White	80 ... 89	2.6	0.440	0.394	400	57	B
7 W	840 Cool White	80 ... 89	2.6	0.380	0.380	400	57	B
9 W	827 INTERNA	80 ... 89	2.8	0.455	0.415	600	67	A
9 W	830 Warm White	80 ... 89	2.8	0.440	0.403	600	67	A
9 W	835 White	80 ... 89	2.8	0.440	0.394	600	67	A
9 W	840 Cool White	80 ... 89	2.8	0.380	0.380	600	67	A
9 W	865 Cool Daylight	80 ... 89	2.8	0.313	0.337	570	67	A
11 W	827 INTERNA	80 ... 89	2.7	0.455	0.415	900	76	A
11 W	830 Warm White	80 ... 89	2.7	0.440	0.403	900	76	A
11 W	835 White	80 ... 89	2.7	0.440	0.394	900	76	A
11 W	840 Cool White	80 ... 89	2.7	0.380	0.380	900	76	A
colored								
9 W	60 Red	-	5.5	-	-	400	-	-
9 W	66 Green	-	5.5	-	-	800	-	-
9 W	67 Blue	-	5.5	-	-	200	-	-

² According to IEC 60921

³ Conventional Control Gear

⁴ For cos phi = 0.95; Dielectric strength of the capacitor 250V AC; capacitive tolerance +/- 10%

⁵ Measurement in accordance with IEC 60901, annex C and the relevant annex on rated colour characteristics in IEC 60081.

⁶ Light Color

Edition 01.2013. Subject to change without notice. Errors and omissions excepted. Always make sure to use the most recent release.