

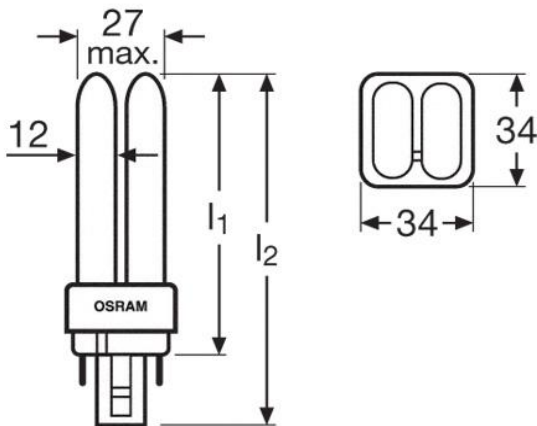
Benefits

- Extremely economical
- Good quality of light
- Excellent luminous flux
- Long service life time¹

Product Features

- Average life time: up to 10,000 h
- Good color rendering index 1B (R_a 80...89)
- Good lumen maintenance
- For operation on conventional control gear (CCG)
- Available light colors: Cool Daylight (865), Cool White (840), White (835), Warm White (830), Extra Warm White (827)

Dimensions



Description	Base	Max Length L1 [mm]	Max Length L1 IEC [mm]	Max Length L2 [mm]
DULUX® D 10 W	G24d-1	87	95	110
DULUX® D 13 W	G24d-1	115	130	138
DULUX® D 18 W	G24d-2	130	140	153
DULUX® D 26 W	G24d-3	149	160	172

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® D	Lamp Voltage rated [V]	Lamp Current rated [mA]	Lamp Power rated [W]	Compensation parallel Capacitor CCG ³ mode ⁴ [µF]	Compensation series Capacitor CCG mode ⁵ [µF]
10 W	64	190	10	2.2	-
13 W	91	175	13	1.8	-
18 W	100	220	18	2.2	1.7
26 W	105	325	26	3.2	2.5 ⁶

Photometrical Data at 25 °C (100 h aged) ambient temperature ⁷

DULUX® D	Light Color LUMILUX®	Color Rendering Index (CRI), Ra	Lumi-nance (LC ⁸ 840) [cd/cm ²]	Target Color Coordinate X	Target Color Coordinate Y	Nominal Luminous Flux [lm]	Efficacy 25 °C [lm/W]	Energy Efficiency Class
10 W	827 INTERNA	80 ... 89	4.0	0.455	0.415	600	60	B
10 W	830 Warm White	80 ... 89	4.0	0.440	0.403	600	60	B
10 W	835 White	80 ... 89	4.0	0.409	0.394	600	60	B
10 W	840 Cool White	80 ... 89	4.0	0.380	0.380	600	60	B
13 W	827 INTERNA	80 ... 89	4.0	0.455	0.415	900	69	A
13 W	830 Warm White	80 ... 89	4.0	0.440	0.403	900	69	A
13 W	835 White	80 ... 89	4.0	0.409	0.394	900	69	A
13 W	840 Cool White	80 ... 89	4.0	0.380	0.380	900	69	A
13 W	865 Cool Daylight	80 ... 89	4.0	0.313	0.337	855	69	B
18 W	827 INTERNA	80 ... 89	4.5	0.455	0.415	1200	67	B
18 W	830 Warm White	80 ... 89	4.5	0.440	0.403	1200	67	B
18 W	835 White	80 ... 89	4.5	0.409	0.394	1200	67	B
18 W	840 Cool White	80 ... 89	4.5	0.380	0.380	1200	67	B
18 W	865 Cool Daylight	80 ... 89	4.5	0.313	0.337	1140	67	B
26 W	827 INTERNA	80 ... 89	5.5	0.455	0.415	1800	69	B
26 W	830 Warm White	80 ... 89	5.5	0.440	0.403	1800	69	B
26 W	835 White	80 ... 89	5.5	0.409	0.394	1800	69	B
26 W	840 Cool White	80 ... 89	5.5	0.380	0.380	1800	69	B
26 W	865 Cool Daylight	80 ... 89	5.5	0.313	0.337	1710	69	B

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 Dielectric strength of the capacitor 450V AC

⁶ 24-26 W CCG for CFLs (2,7 µF for 18 W CCG for fluorescent lamp).

⁷ Measurement in accordance with IEC 60901, annex C and the relevant annex on rated colour characteristics in IEC 60081.

⁸ Light Color

LSF 8.000 h 0.85

Logistic Data

Description	EAN 10	EAN 40	Packaging Unit
DULUX® D 10W/827	4050300008110	4050300238449	10
DULUX® D 10W/830	4050300025681	4050300257952	10
DULUX® D 10W/835	4050300028835	4050300028842	10
DULUX® D 10W/840	4050300010595	4050300240985	10
DULUX® D 13W/827	4050300008127	4050300238487	10
DULUX® D 13W/830	4050300025698	4050300257969	10
DULUX® D 13W/835	4050300028859	4050300028866	10
DULUX® D 13W/840	4050300010625	4050300241005	10
DULUX® D 13W/865	4050300487106	4050300939414	10
DULUX® D 18W/827	4050300011462	4050300242767	10
DULUX® D 18W/830	4050300025704	4050300257976	10
DULUX® D 18W/835	4050300028873	4050300028880	10
DULUX® D 18W/840	4050300012056	4050300245409	10
DULUX® D 18W/865	4050300487120	4050300487137	10
DULUX® D 26W/827	4050300011912	4050300244228	10
DULUX® D 26W/830	4050300025711	4050300027036	10
DULUX® D 26W/835	4050300028897	4050300028903	10
DULUX® D 26W/840	4050300012049	4050300245386	10
DULUX® D 26W/865	4050300486987	4050300486994	10