

OSRAM DULUX D

18 W/840 G24D-2



- Offices, public buildings
- Shops
- Hotels, restaurants
- Industrial lighting

Product benefits

- Very economical
- Good quality of light
- Very good luminous flux
- Long service life
- Improved maintenance

Product features

- Short and compact pin-base lamp with double-turn tubes
- Average life: 10,000 h
- Color rendering index R_a : 80...89
- Single-ended two-pin plug-in GX24d base



Technical data

Electrical data

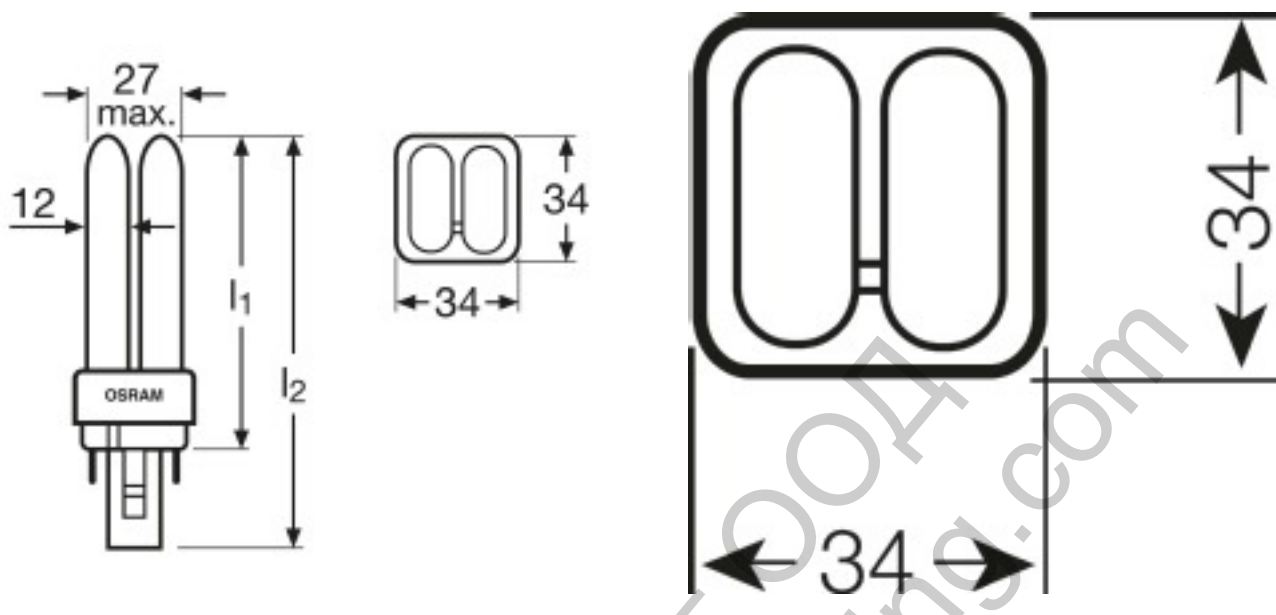
Nominal wattage	18 W
Rated lamp efficacy (standard condition)	67 lm/W
Rated wattage	18 W

Light technical data

Rated color rendering index Ra	80...89
Rated luminous flux	1200 lm
Luminous flux at 25 °C	1200 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	1200 lm
Light color as per EN 12464-1	LUMILUX Cool White
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.72
Rated LLMF at 8,000 h	0.68
Luminance	4.5 cd/cm ²

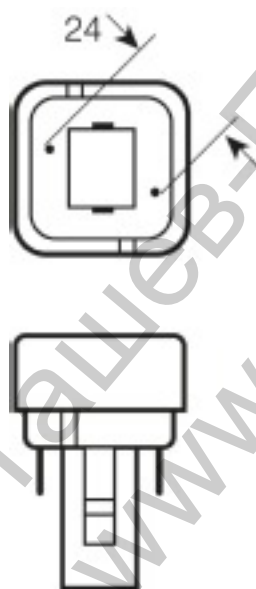
Dimensions & weight

Tube diameter	12 mm
Length	153.0 mm
Length acc. to IEC standard	140 mm
Length with base excl. base pins/connection	130.00 mm



Product line drawing with numbers

Prod line drw, top, neutral dimensions



Base

Colors & materials

Rated lamp mercury content	1.4 mg
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Temperatures

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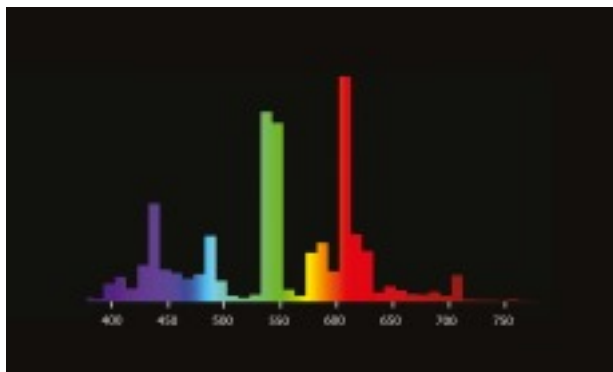
Lifespan

Service life	6500 h
Lifespan	10000 h ¹⁾
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.94
Rated lamp survival factor at 6,000 h	0.84
Rated lamp survival factor at 8,000 h	0.69
Operation mode LLMF/LSF	50 Hz

¹⁾ With CCG/LLCG

Additional product data

Base (standard designation)	G24d-2
Appropriate disposal acc. to WEEE	Yes
Footnote used only for product	Suitable only for operation with 0.22 A control gear



Spectral power distribution

Capabilities

Suitable for indoor	Yes
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Certificates & standards

EEI – Energy Label	B
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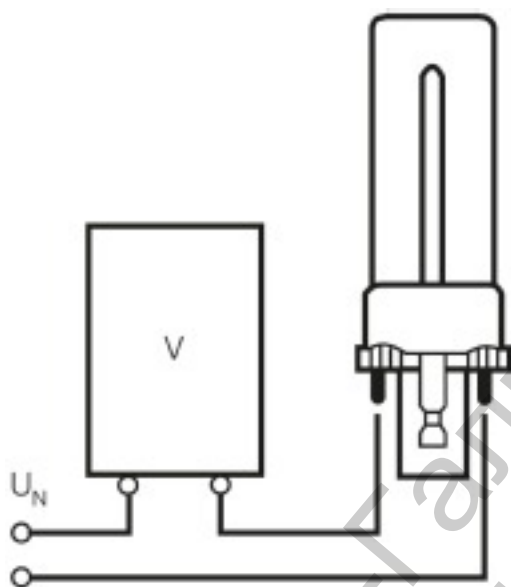
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Equipment / Accessories

- Suitable for operation on conventional control gear

Safety advice

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



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300012056	Folding carton box 1	36 mm x 36 mm x 161 mm	56.00 g	0.21 dm ³
4050300245409	Shipping carton box 10	107 mm x 162 mm x 186 mm	609.00 g	3.22 dm ³
4050300245416	Shipping carton box 50	- x - x -		
4008321042606	Shipping carton box 200	- x - x -		

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Disclaimer

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

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