

DULUX L 80 W/830 2G11

OSRAM DULUX L LUMILUX | CFLni, 1 tube, with 4-pin base for ECG/CCG operation



- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industry

Product benefits

- Very economical
- Outstanding luminous flux
- Outstanding luminous efficiency
- Long service life
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG
- Less than half as long as tubular fluorescent lamps
- Improved maintenance

Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G11 base
- Dimmable (1...100 % with QUICKTRONIC QT_i DALI/DIM)
- Color rendering index R_a : 80...89
- Average life: 20,000 h (with QUICKTRONIC)
- Operates on battery, solar and AC power with suitable Electronic Control Gear
- Also available in blue



Technical data

Electrical data

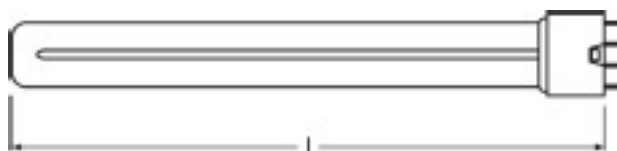
Nominal wattage	80 W
Rated lamp efficacy (standard condition)	81 lm/W
Rated wattage	80 W

Light technical data

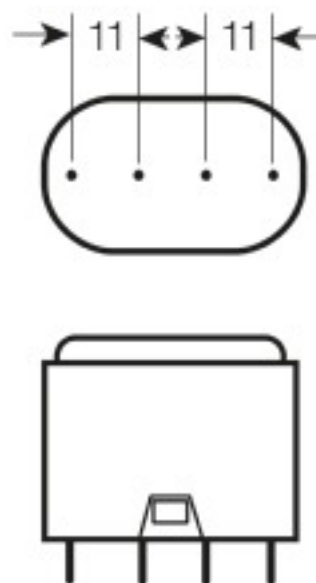
Color rendering index Ra	80...89
Rated luminous flux	6500 lm
Luminous flux at 25 °C	6500 lm
Light color	830
Color temperature	3000 K
Nominal luminous flux	6500 lm
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.86
Rated LLMF at 12,000 h	0.84
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.80
Luminance	3.7 cd/cm ²

Dimensions & weight

Tube diameter	17.5 mm
Length	565.0 mm
Length acc. to IEC standard	565 mm



Product line drawing with letters



Base

Colors & materials

Lamp mercury content	2.6 mg
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Temperatures

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

Service life	13000 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	0.99
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

Lifespan

Operation mode LLMF/LSF	HF
Lifespan	20000 h ¹⁾

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	2G11
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes
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Certificates & standards

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

QT-FQ 2x80

Nominal current	0.76 (A)
Nominal wattage	160 (W)
Nominal wattage + Power loss	15.00 (W)
Luminous flux	6150 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	2

Products

QT-FQ 2x80

QTP5 1x80

Nominal current	0.38 (A)
Nominal wattage	80 (W)
Nominal wattage + Power loss	6.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	1

Products

QTP5 1x80

QTi 1x35/49/80 DIM

Nominal current	0.40 A
Nominal wattage	80 (W)
Nominal wattage + Power loss	8.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	+10...+50 (°C)
Number of lighting outlets	1

Products

QTi 1x35/49/80 DIM

QTi 1x35/49/80 GII

Nominal current	0.38 (A)
Nominal wattage	80 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	1

Products

QTi 1x35/49/80 GII

QTi 2x35/49/80 DIM

Nominal current	0.74 (A)
Nominal wattage	160 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	+10...+50 (°C)
Number of lighting outlets	2

Products

QTi 2x35/49/80 DIM

QTi 2x35/49/80 GII

Nominal current	0.70 (A)
Nominal wattage	160 (W)
Nominal wattage + Power loss	7.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	-20...+55 (°C)
Number of lighting outlets	2

Products

QTi 2x35/49/80 GII

QTi DALI 1x35/49/80 DIM

Nominal current	0.40 A
Nominal wattage	80 (W)
Nominal wattage + Power loss	8.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	+10...+50 (°C)
Number of lighting outlets	1

Products

QTi DALI 1x35/49/80 DIM

QTi DALI 2x35/49/80 DIM

Nominal current	0.74 (A)
Nominal wattage	160 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	6000 (lm)
Ambient temperature range	+10...+50 (°C)
Number of lighting outlets	2

Products

QTi DALI 2x35/49/80 DIM

Equipment / Accessories

- Suitable for standard control gears and starters
- Suitable for operation on electronic and conventional control gear

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300665467	Folding carton box 1	46 mm x 26 mm x 598 mm	190.00 g	0.72 dm ³
4050300665474	Shipping carton box 10	191 mm x 107 mm x 617 mm	2060.00 g	12.61 dm ³

References / Links

For more information on QUICKTRONIC electronic control gear go to

- ▶ www.osram.com/QUICKTRONIC

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ www.osram.com/system-guarantee

Disclaimer

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