

L 58 W/827

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases



- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting

Product benefits

- Up to 18 % higher luminous efficacy than conventional T8 BASIC lamps
- Good economy thanks to high efficiency

Product features

- Very good lumen maintenance: >90 % throughout the life of the lamp
- Good color rendering group: 1B (R_a : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX
- Available in many different light colors (2,700...8,000 K) for every application and preference



Technical data

Electrical data

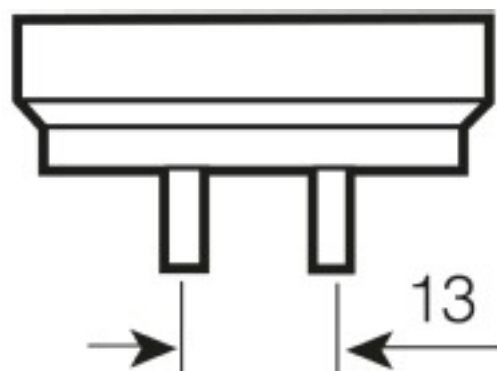
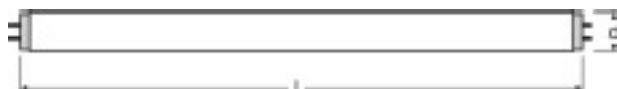
Nominal wattage	58 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	90 lm/W
Rated wattage	58 W

Light technical data

Color rendering index Ra	>=80
Rated luminous flux	5200 lm
Luminous flux at 25 °C	5200 lm
Light color	827
Color temperature	2700 K
Nominal luminous flux	5200 lm
Light color as per EN 12464-1	LUMILUX INTERNA
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.89
Color coordinates chromaticity diagram	0.463/0.42

Dimensions & weight

Tube diameter	26 mm
Length	1500.0 mm
Length with base excl. base pins/connection	1500.00 mm
Diameter	26.0 mm



G13
IEC 7004-51
DIN 49653 T1

Product line drawing with letters

Base

Colors & materials

Lamp mercury content	2.5 mg
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Temperatures

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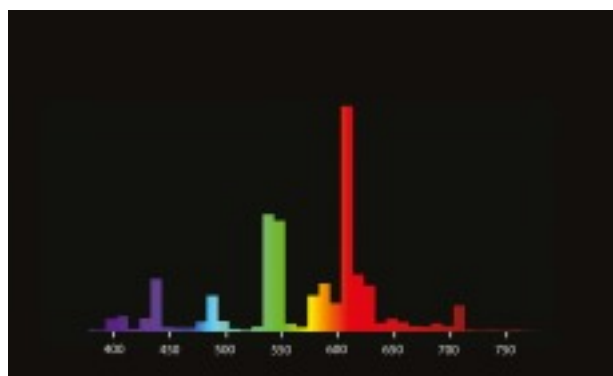
Lifespan

Service life	18000 h ¹⁾
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	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.90
Operation mode LLMF/LSF	50 Hz

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	G13
Appropriate disposal acc. to WEEE	Yes



Spectral power distribution

Capabilities

Suitable for indoor	Yes
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Certificates & standards

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

HF 1x58/230-240 DIM

Nominal current	0.25 (A)
Nominal wattage	56 (W)
Nominal wattage + Power loss	2.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	0...+50 (°C)
Number of lighting outlets	1

Products

HF 1x58/230-240 DIM

HF 2x58/230-240 DIM

Nominal current	0.48 (A)
Nominal wattage	111 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	0...+50 (°C)
Number of lighting outlets	2

Products

HF 2x58/230-240 DIM

QT-FIT8 1x58-70

Nominal current	0.24 (A)
Nominal wattage	49 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-15...+50 (°C)
Number of lighting outlets	1

Products

QT-FIT8 1x58-70

QT-FIT8 2x58-70

Nominal current	0.48 (A)
Nominal wattage	99 (W)
Nominal wattage + Power loss	10.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-15...+50 (°C)
Number of lighting outlets	2

Products

QT-FIT8 2x58-70

QTP5 1x54

Nominal current	0.25 (A)
Nominal wattage	50 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	1

Products

QTP5 1x54

QTP5 2x54

Nominal current	0.48 (A)
Nominal wattage	100 (W)
Nominal wattage + Power loss	9.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	2

Products

QTP5 2x54

QTP8 1x58

Nominal current	0.24 (A)
Nominal wattage	50 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-25...+55 (°C)
Number of lighting outlets	1

Products

QTP8 1x58/230-240

QTP8 2x58

Nominal current	0.45 (A)
Nominal wattage	100 (W)
Nominal wattage + Power loss	10.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-25...+55 (°C)
Number of lighting outlets	2

Products

QTP8 2x58/230-240

QTi 1x28/54/35/49 GII

Nominal current	0.24 (A)
Nominal wattage	50 (W)
Nominal wattage + Power loss	5.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	1

Products

QTi 1x28/54/35/49 GII

QTi 1x58 DIM

Nominal current	0.25 (A)
Nominal wattage	50 (W)
Nominal wattage + Power loss	6.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	1

Products

QTi 1x58 DIM

QTi 2x28/54/35/49 GII

Nominal current	0.47 (A)
Nominal wattage	98 (W)
Nominal wattage + Power loss	11.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	2

Products

QTi 2x28/54/35/49 GII

QTi 2x58 DIM

Nominal current	0.47 (A)
Nominal wattage	100 (W)
Nominal wattage + Power loss	8.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	2

Products

QTi 2x58 DIM

QTi DALI 1x58 DIM

Nominal current	0.25 (A)
Nominal wattage	50 (W)
Nominal wattage + Power loss	6.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	+10...+50 (°C)
Number of lighting outlets	1

Products

QTi DALI 1x58 DIM

QTi DALI 2x58 DIM

Nominal current	0.47 (A)
Nominal wattage	100 (W)
Nominal wattage + Power loss	8.00 (W)
Luminous flux	5000 (lm)
Ambient temperature range	-20...+50 (°C)
Number of lighting outlets	2

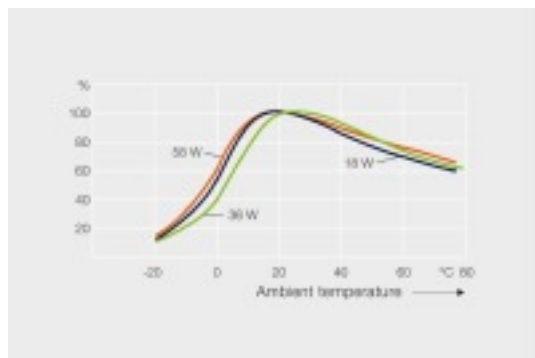
Products

QTi DALI 2x58 DIM

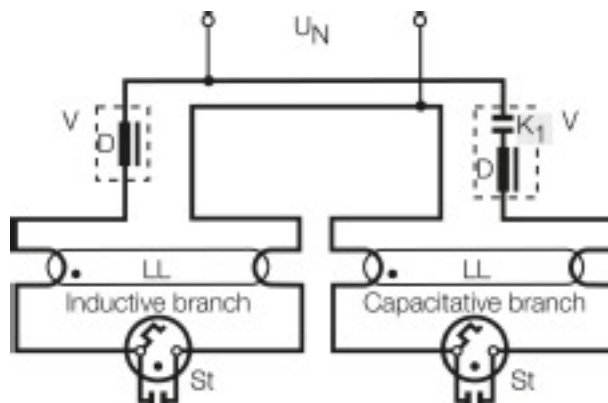
System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

Safety adviceIn case of lamp breakage: www.osram.com/brokenlamp



Others graphics



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300603049	Sleeves 1	34 mm x 27 mm x 1515 mm	242.00 g	1.39 dm ³
4050300603056	Shipping carton box 25	145 mm x 499 mm x 1195 mm	6520.00 g	86.46 dm ³

References / Links

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

▶ www.osram.com/system-guarantee

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.