HO 24 W/830

LUMILUX T5 HO | Tubular fluorescent lamps 16 mm, high output

- Industry
- Public buildings
- Offices
- Tunnels, underpasses
- Car parks

Product benefits

- Excellent luminous flux
- Up to 20 % more economical than LUMILUX T8
- Up to 50 % smaller volume than comparable T8 lamps
- Natural colors

Product features

- Very good lumen maintenance: >90 % throughout the life of the lamp
- Long average life time: up to 24,000 h (with QUICKTRONIC ECG)
- Good color rendering group: 1B (R_a: 80...89)
- Dimmable

Technical data

Electrical data

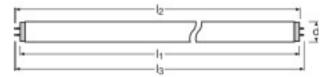|	
Nominal wattage	24 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	78 lm/W
Rated wattage	22.5 W

Light technical data

Color rendering index Ra	>=80
Rated luminous flux	1750 lm
Luminous flux at 25 °C	1750 lm
Light color	830
Color temperature	3000 K
Nominal luminous flux	1750 lm
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	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89

Dimensions & weight

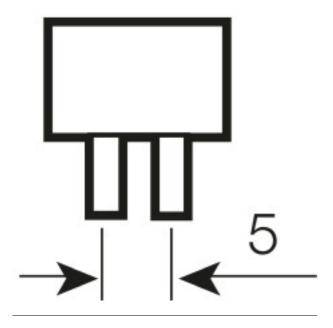|	
Tube diameter	16 mm
Length	549.0 mm
Length with base excl. base pins/connection	549.00 mm
Diameter	16.0 mm

Product line drawing with letters

Product line drawing - technical

Base

Colors & materials

Lamp mercury content	1.5 mg

Temperatures

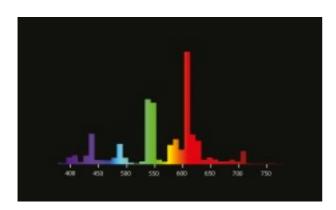| Rated ambient temp.w.max.luminous flux	35.0 °C

Lifespan

Service life	19000 h [1]
Lifespan	24000 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	0.99
Rated lamp survival factor at 16,000 h	0.97
Rated lamp survival factor at 20,000 h	0.85
Operation mode LLMF/LSF	HF

[1] With preheat ECG

Additional product data

Base (standard designation)	G5
Appropriate disposal acc. to WEEE	Yes
Footnote used only for product	Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C

Spectral power distribution

Capabilities

Suitable for indoor	Yes

Certificates & standards

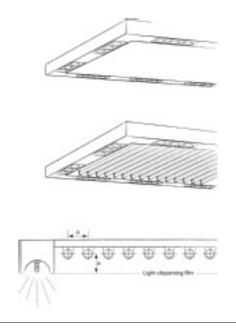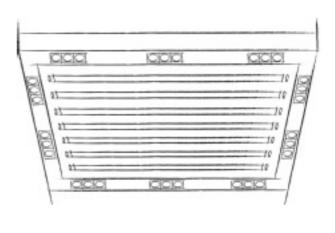| EEI – Energy Label	A

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

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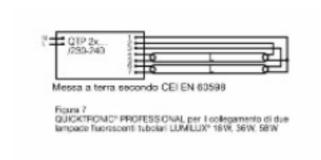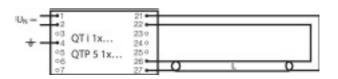
In case of lamp breakage: www.osram.com/brokenlamp

Others graphics

Others graphics

Messa a terra secondo CEI EN 60598

Figura 7
QUICKTRONIC® PROFESSIONAL per i collegamento di due
lampade fluorescenti tubolari LUMILUX® 18W, 36W, 58W

Circuit diagram

Circuit diagram

Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321103802	Unpacked 1	- x - x -		
4008321103819	Shipping carton box 40	95 mm x 198 mm x 598 mm	2460.00 g	11.25 dm³
4050300453491	Unpacked 1	18 mm x 15 mm x 554 mm	51.00 g	0.15 dm³
4050300453507	Shipping carton box 40	194 mm x 88 mm x 600 mm	2485.00 g	10.24 dm³
4050300591667	Sleeves 1	23 mm x 20 mm x 570 mm	67.50 g	0.26 dm³
4050300591674	Shipping carton box 20	110 mm x 90 mm x 587 mm	1473.00 g	5.81 dm³

—

References / Links

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.