

Product datasheet

HO 39 W/840

LUMILUX T5 HO | Tubular fluorescent lamps 16 mm, high output, with G5 base



Product datasheet

Technical data

Electrical data

Nominal voltage	118 V
Nominal wattage	38.00 W
Rated lamp efficacy (HF data 25 °C)	82 lm/W
Rated wattage	38.00 W
Nominal current	0.33 A A

Photometrical data

Color rendering index Ra	≥80
Rated luminous flux	3100 lm
Luminous flux at	3100 lm
Luminous flux at	3500 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	3100 lm
Light color (designation)	LUMILUX Cool White
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
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
Color temperature	4000 K
Luminous flux	3100 lm

Dimensions & weight



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Tube diameter	16 mm
Length	849.0 mm
Length with base excl. base pins/connection	849.00 mm
Diameter	16.0 mm
Product weight	71.00 g
Outer bulb	T16
Overall length	863.20 mm
Maximum diameter	16.0 mm

Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	35.0 °C
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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
Rated lamp life time	24000 h

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	G5
Mercury content	1.5 mg
Product remark	Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C
Appropriate disposal acc. to WEEE	Yes
Successor EAN	4050300591704
Predecessor EAN	4050300453538

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

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Certificates & standards

Energy efficiency class	G
Energy consumption	42 kWh/1000h

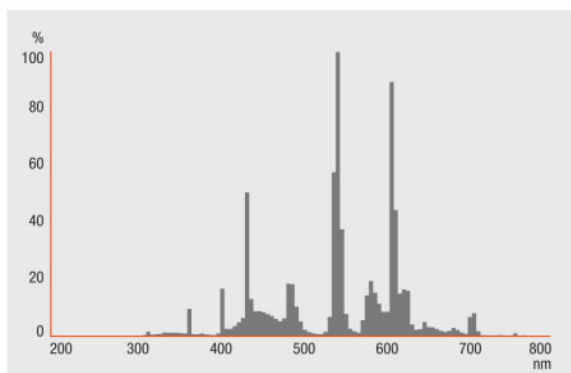
Country specific categorizations

Order reference	HO 39W/840
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4050300453538 4050300591704
Declaration No. in SCIP database	In work

Light Distribution

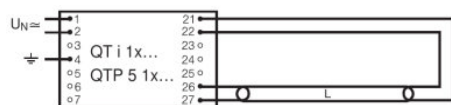


FL_840

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

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QUICKTRONIC INTELLIGENT QT i 1x QTP 5 1x

QUICKTRONIC INTELLIGENT QT i 2x QTP 5 2x

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300591704	HO 39 W/840	Shipping carton box 20 Pieces Sleeves	882 mm x 83 mm x 104 mm	7.61 dm ³	2060.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

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.

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OSRAM

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HO 39 W/840

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C
HO 39 W/840	QT-FIT 5/8 1x18-39	4008321873927	0.19 A	42.00 W	0.98	3100 lm
	QT-FIT 5/8 2x18-39	4008321873903	0.36 A	80.00 W	0.98	3100 lm
	QTi 1x14/24/21/39 GII	4008321383334	0.18 A	41.00 W	0.98	3100 lm
	QTi 1x21/39 DIM	4050300870564	0.18 A	41.80 W	0.98	3100 lm
	QTi 2x14/24/21/39 GII	4008321383396	0.36 A	81.00 W	0.98	3100 lm
	QTi 2x21/39 DIM	4050300870694	0.36 A	82.00 W	0.96	3100 lm
	QTi DALI 1x21/39 DIM	4050300870366	0.18 A	41.80 W	0.98	3100 lm
	QTi DALI 2x21/39 DIM	4050300870489	0.36 A	82.00 W	0.98	3100 lm
	QTP-M 1x26-42	4008321329134	0.18 A	41.00 W	0.97	3100 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.13 A	41.00 W	0.98	3100 lm
QTP-OPTIMAL 2x18-40	4008321873767	0.24 A	82.90 W	0.99	3100 lm	

Product name	Product name ECG	EAN	Number of lighting outlets
HO 39 W/840	QT-FIT 5/8 1x18-39	4008321873927	1
	QT-FIT 5/8 2x18-39	4008321873903	2
	QTi 1x14/24/21/39 GII	4008321383334	1
	QTi 1x21/39 DIM	4050300870564	1

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Product name	Product name ECG	EAN	Number of lighting outlets
	QTi 2x14/24/21/39 GII	4008321383396	2
	QTi 2x21/39 DIM	4050300870694	2
	QTi DALI 1x21/39 DIM	4050300870366	1
	QTi DALI 2x21/39 DIM	4050300870489	2
	QTP-M 1x26-42	4008321329134	1
	QTP-OPTIMAL 1x18-40	4008321873743	1
	QTP-OPTIMAL 2x18-40	4008321873767	2