

# PRODUCT DATASHEET HO 39 W/840

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



## **AREAS OF APPLICATION**

- Industry
- Public buildings
- Offices
- Tunnels, underpasses
- Car parks
- Outdoor applications only in suitable luminaires

## **PRODUCT BENEFITS**

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

#### PRODUCT FEATURES

- $\,$   $\,$  Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Long average lifetime: up to 24,000 h (with QUICKTRONIC ECG)
- Good color rendering group: 1B (R<sub>2</sub>: 80...89)
- Dimmable



## **TECHNICAL DATA**

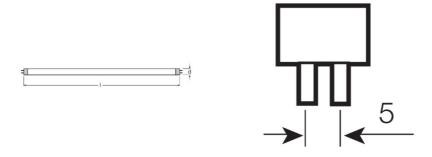
## Electrical data

Nominal voltage	118 V		
Rated lamp efficacy (HF data 25 °C)	79 lm/W		
Rated wattage	38.00 W		
Nominal wattage	39.00 W		

## Photometrical data

Color rendering index Ra	≥80				
Rated luminous flux	3100 lm				
Luminous flux at 25 °C	3100 lm				
Luminous flux at 35 °C	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				
Color rendering index Ra	≥80				

## Dimensions & weight



Tube diameter 16 mm	
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Length	849.0 mm		
Length with base excl. base pins/connection	849.00 mm		
Diameter	16.0 mm		

## Temperatures & operating conditions

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

## Lifespan

Service life	19000 h <sup>1)</sup>
Lifespan	24000 h <sup>1)</sup>
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
Nominal lamp life time	24000 h

 $<sup>^{1)}</sup>$  With preheat ECG

## Additional product data

Base (standard designation)	G5		
Mercury content	1.9 mg		
Show WEEE picto	Yes  Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 3040 °C; optimum luminous flux achieved at 35 °C		
Product remark			

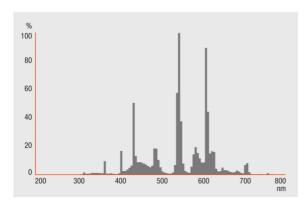
## Capabilities

Dimmable	Yes
Suitable for indoor	Yes

## Certificates & standards

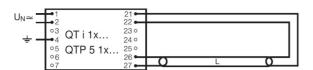
Energy efficiency class	A+		
Energy consumption	42 kWh/1000h		

## **Light Distribution**



Spectral power distribution

Wiring Diagram





Wiring diagram

Wiring diagram

## **SYSTEM GUARANTEE**

OSRAM System+ Guarantee in combination with OSRAM ECGs

## **SAFETY ADVICE**

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

## **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300453538	Unpacked 1	863 mm x 15 mm x 17 mm	81.00 g	0.22 dm³
4050300453545	Shipping carton box 40	900 mm x 93 mm x 194 mm	3614.00 g	16.24 dm³
4050300591704	Sleeves 1	870 mm x 19 mm x 21 mm	93.00 g	0.35 dm <sup>3</sup>
4050300591711	Shipping carton box 20	882 mm x 83 mm x 104 mm	2060.00 g	7.61 dm³

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
HO 39 W/840	QT-FIT 5/8 1x18-39	4008321873927	0.19 A	42.00 W	3100 lm	1
	QT-FIT 5/8 2x18-39	4008321873903	0.36 A	80.00 W	3100 lm	2
	QTi 1x14/24/21/39 GII	4008321383334	0.18 A	41.00 W	3100 lm	1
	QTi 1x21/39 DIM	4050300870564	0.18 A	41.80 W	3100 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	0.36 A	81.00 W	3100 lm	2
	QTi 2x21/39 DIM	4050300870694	0.36 A	82.00 W	3100 lm	2
	QTi DALI 1x21/39 DIM	4050300870366	0.18 A	41.80 W	3100 lm	1
	QTi DALI 2x21/39 DIM	4050300870489	0.36 A	82.00 W	3100 lm	2
	QTP-M 1x26-42	4008321329134	0.18 A	41.00 W	3100 lm	1
	QTP-OPTIMAL 1x18-40	4008321873743	0.13 A	41.00 W	3100 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.24 A	88.00 W	3100 lm	2