

Product family datasheet

LUMILUX T5 HO

Tubular fluorescent lamps 16 mm, high output, with G5 base



Product family datasheet

Technical data

| Product description | Electrical data | | | | Photometrical data | | |
|---------------------------|-----------------|-----------------|-----------------|---------------|---------------------------|--------------------------|---------------------|
| | Nominal current | Nominal voltage | Nominal wattage | Rated wattage | Light color (designation) | Color rendering index Ra | Rated luminous flux |
| HO 24 W/827 ¹⁾ | 0.3 A | | | | LUMILUX INTERNA | | |
| HO 24 W/830 ¹⁾ | 0.3 A | | | | LUMILUX Warm White | | |
| HO 24 W/840 ¹⁾ | 0.3 A | | | | LUMILUX Cool White | | |
| HO 39 W/840 ¹⁾ | 0.33 A | 118 V | 38.00 W | 38.00 W | LUMILUX Cool White | ≥80 | 3100 lm |
| HO 49 W/830 ¹⁾ | 0.26 A | | | | LUMILUX Warm White | | |
| HO 49 W/840 ¹⁾ | 0.26 A | | | | LUMILUX Cool White | | |
| HO 54 W/830 ¹⁾ | 0.46 A | | | | LUMILUX Warm White | | |
| HO 54 W/840 ¹⁾ | 0.46 A | | | | LUMILUX Cool White | | |
| HO 80 W/840 ¹⁾ | 0.53 A | | | | LUMILUX Cool White | | |
| HO 80 W/865 ¹⁾ | 0.53 A | 152 V | 80.00 W | 80.40 W | LUMILUX Cool Daylight | ≥80 | 6650 lm |

| Product description | Light color | Rated color temperature | Nominal luminous flux | Color temperature | Dimensions & weight | | |
|---------------------------|-------------|-------------------------|-----------------------|-------------------|---------------------|----------------|----------------|
| | | | | | Tube diameter | Product weight | Overall length |
| HO 24 W/827 ¹⁾ | | | | | 16 mm | 44.26 g | 563.20 mm |
| HO 24 W/830 ¹⁾ | | | | | 16 mm | 44.26 g | 563.20 mm |
| HO 24 W/840 ¹⁾ | | | | | 16 mm | 44.26 g | 563.20 mm |
| HO 39 W/840 ¹⁾ | 840 | 4000 K | 3100 lm | 4000 K | 16 mm | 71.00 g | 863.20 mm |
| HO 49 W/830 ¹⁾ | | | | | 16 mm | 116.45 g | 1463.20 mm |
| HO 49 W/840 ¹⁾ | | | | | 16 mm | 116.45 g | 1463.20 mm |
| HO 54 W/830 ¹⁾ | | | | | 16 mm | 88.02 g | 1163.20 mm |

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| Product description | Light color | Rated color temperature | Nominal luminous flux | Color temperature | Dimensions & weight | | |
|---------------------------|-------------|-------------------------|-----------------------|-------------------|---------------------|----------------|----------------|
| | | | | | Tube diameter | Product weight | Overall length |
| HO 54 W/840 ¹⁾ | | | | | 16 mm | 88.02 g | 1163.20 mm |
| HO 80 W/840 ¹⁾ | | | | | 16 mm | 116.45 g | 1463.20 mm |
| HO 80 W/865 ¹⁾ | 865 | 6500 K | 6650 lm | 6500 K | 16 mm | 115.00 g | 1449.00 mm |

| Product description | Length | Diameter | Outer bulb | Additional product data | | | |
|---------------------------|--------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------------------|
| | | | | Product remark | Successor EAN | Predecessor EAN | Base (standard designation) |
| HO 24 W/827 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | | | |
| HO 24 W/830 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591667 | 4050300453491 | |
| HO 24 W/840 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591643 | 4050300453477 | |

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| Product description | Length | Diameter | Outer bulb | Additional product data | | | |
|---------------------------|----------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------------------|
| | | | | Product remark | Successor EAN | Predecessor EAN | Base (standard designation) |
| HO 39 W/840 ¹⁾ | 849.0 mm | 16.0 mm | T16 | Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591704 | 4050300453538 | G5 |
| HO 49 W/830 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | | | |
| HO 49 W/840 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300796710 | 4050300657134 | |
| HO 54 W/830 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591605 | 4050300453415 | |

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| Product description | Length | Diameter | Outer bulb | Additional product data | | | |
|---------------------------|---------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------------------|
| | | | | Product remark | Successor EAN | Predecessor EAN | Base (standard designation) |
| HO 54 W/840 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591582 | 4050300453392 | |
| HO 80 W/840 ¹⁾ | | | | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591841 | 4050300515151 | |
| HO 80 W/865 ¹⁾ | 1463 mm | 16.0 mm | T16 | Suitable for ECG operation only Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C | 4050300591803 | 4050300515113 | G5 |

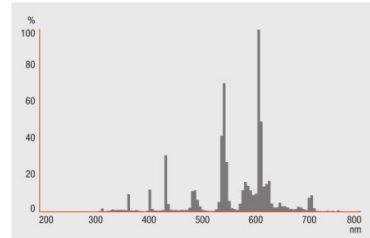
| Product description | Certificates & standards | | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------------|--------------------------|--------------------|----------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------|
| | Energy efficiency class | Energy consumption | Date of Declaration | Primary Article Identifier | Declaration No. in SCIP database |
| HO 24 W/827 ¹⁾ | G | 24.00 kWh/1000h | 18-04-2022 | 4050300646077 4008321330536 | In work |

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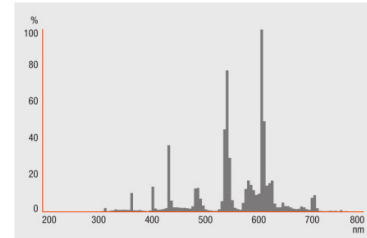
| Product description | Certificates & standards | | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------------|--------------------------|--------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| | Energy efficiency class | Energy consumption | Date of Declaration | Primary Article Identifier | Declaration No. in SCIP database |
| HO 24 W/830 ¹⁾ | G | 24.00 kWh/1000h | 18-04-2022 | 4050300453491 | In work |
| HO 24 W/840 ¹⁾ | G | 24.00 kWh/1000h | 18-04-2022 | 4050300453477 4050300591643 | In work |
| HO 39 W/840 ¹⁾ | G | 42 kWh/1000h | 18-04-2022 | 4050300453538 4050300591704 | In work |
| HO 49 W/830 ¹⁾ | F | 50.00 kWh/1000h | 18-04-2022 | 4050300657158 | In work |
| HO 49 W/840 ¹⁾ | F | 50.00 kWh/1000h | 18-04-2022 | 4050300796710 4050300657134 | In work |
| HO 54 W/830 ¹⁾ | F | 54.00 kWh/1000h | 18-04-2022 | 4050300453415 | In work |
| HO 54 W/840 ¹⁾ | F | 54.00 kWh/1000h | 18-04-2022 | 4050300453392 4050300591582 | In work |
| HO 80 W/840 ¹⁾ | G | 81.00 kWh/1000h | 18-04-2022 | 4050300591841 4050300515151 | In work |
| HO 80 W/865 ¹⁾ | G | 87.78 kWh/1000h | 18-04-2022 | 4050300515113 4050300591803 | In work |

¹⁾ Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C

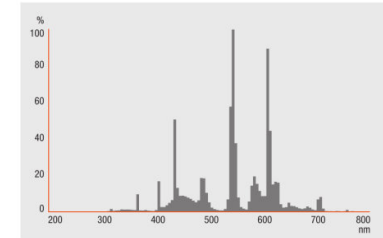
Product family datasheet



HO 24 W/827



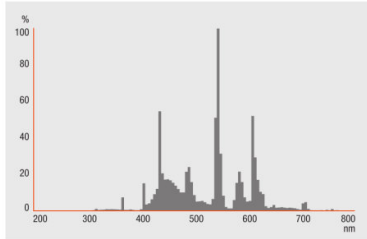
HO 24 W/830, HO 49 W/830, HO 54 W/830



HO 24 W/840, HO 39 W/840, HO 49 W/840, HO 54 W/840, HO 80 W/840

HO 24 W/827, HO 24 W/830, HO 24 W/840, HO 39 W/840, HO 49 W/830, HO 49 W/840, HO 54 W/830, HO 54 W/840, HO 80 W/840, HO 80 W/865

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HO 80 W/865

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

Application advice

For more detailed application information and graphics please see product datasheet.

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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 |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4050300646077 | HO 24 W/827 | Shipping carton box 20 | 587 mm x 90 mm x 110 mm | 5.81 dm ³ | 1473.00 g |
| 4050300453491 | HO 24 W/830 | Shipping carton box 40 | 600 mm x 88 mm x 194 mm | 10.24 dm ³ | 2485.00 g |
| 4050300453477 | HO 24 W/840 | Shipping carton box 40 | 600 mm x 83 mm x 194 mm | 9.66 dm ³ | 2409.00 g |
| 4050300591643 | HO 24 W/840 | Shipping carton box 20 | 582 mm x 83 mm x 104 mm | 5.02 dm ³ | 1351.00 g |
| 4050300591704 | HO 39 W/840 | Shipping carton box 20 | 882 mm x 83 mm x 104 mm | 7.61 dm ³ | 2060.00 g |
| 4050300657158 | HO 49 W/830 | Shipping carton box 40 | 1500 mm x 97 mm x 194 mm | 28.23 dm ³ | 6090.00 g |
| 4050300657134 | HO 49 W/840 | Shipping carton box 40 | 1500 mm x 93 mm x 194 mm | 27.06 dm ³ | 6258.00 g |
| 4050300796710 | HO 49 W/840 | Shipping carton box 20 | 1482 mm x 83 mm x 104 mm | 12.79 dm ³ | 3450.00 g |
| 4050300453415 | HO 54 W/830 | Shipping carton box 40 | 1200 mm x 83 mm x 194 mm | 19.32 dm ³ | 4813.00 g |

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Logistical Data

| | | | | | |
|---------------|-------------|---------------------------|---------------------------|-----------------------|-----------|
| 4050300453392 | HO 54 W/840 | Shipping carton box 40 | 1200 mm x 83 mm x 194 mm | 19.32 dm ³ | 4713.00 g |
| 4050300591582 | HO 54 W/840 | Shipping carton box 20 | 1182 mm x 83 mm x 91 mm | 8.93 dm ³ | 2662.50 g |
| 4050300515151 | HO 80 W/840 | Shipping carton box 40 | 1500 mm x 83 mm x 194 mm | 24.15 dm ³ | 6258.00 g |
| 4050300591841 | HO 80 W/840 | Shipping carton box 20 | 1482 mm x 83 mm x 104 mm | 12.79 dm ³ | 3450.00 g |
| 4050300515113 | HO 80 W/865 | Shipping carton box 40 | 1500 mm x 107 mm x 194 mm | 31.14 dm ³ | 6258.00 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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