

# Produkt datablad

## HO 49 W/865

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



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

- 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>a</sub> : 80...89)
- Dimmable

### Product benefits

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



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### Areas of application

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- Outdoor applications only in suitable luminaires

## Teknisk data

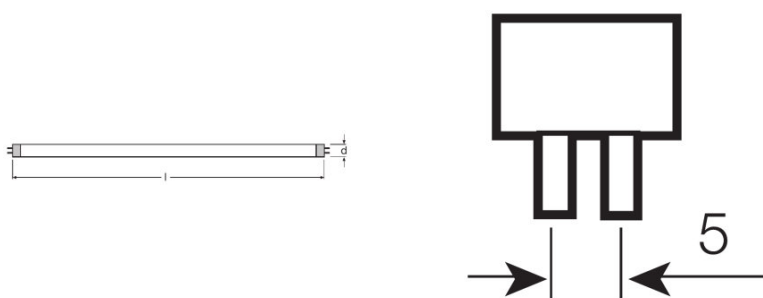
### Elektriske data

|   |         |
|---|---------|
| ZLDV_Nominal voltage [AGGR]                     | 195 V   |
| ZLDV_Nominal wattage [AGGR]                     | 49.00 W |
| ZLDV_Rated lamp efficacy (HF data 25 °C) [AGGR] | 79 lm/W |
| ZLDV_Rated wattage [AGGR]                       | 49.00 W |

### Photometrical data

|                                       |                       |
|---------------------------------------|-----------------------|
| ZLDV_Color rendering index Ra [AGGR]  | ≥80                   |
| ZLDV_Rated luminous flux [AGGR]       | 4100 lm               |
| ZLDV_Luminous flux at 25 °C [AGGR]    | 4100 lm               |
| ZLDV_Luminous flux at 35 °C [AGGR]    | 4600 lm               |
| ZLDV_Light color [AGGR]               | 865                   |
| ZLDV_Rated color temperature [AGGR]   | 6500 K                |
| ZLDV_Nominal luminous flux [AGGR]     | 4100 lm               |
| ZLDV_Light color (designation) [AGGR] | LUMILUX Cool Daylight |
| ZLDV_Rated LLMF at 2,000 h [AGGR]     | 0.95                  |
| ZLDV_Rated LLMF at 4,000 h [AGGR]     | 0.93                  |
| ZLDV_Rated LLMF at 6,000 h [AGGR]     | 0.92                  |
| ZLDV_Rated LLMF at 8,000 h [AGGR]     | 0.90                  |
| ZLDV_Rated LLMF at 12,000 h [AGGR]    | 0.90                  |
| ZLDV_Rated LLMF at 16,000 h [AGGR]    | 0.90                  |
| ZLDV_Rated LLMF at 20,000 h [AGGR]    | 0.89                  |

### Mål og vekt



|                           |         |
|---------------------------|---------|
| ZLDV_Tube diameter [AGGR] | 16 mm   |
| ZLDV_Length [AGGR]        | 1449 mm |

## Produkt datablad

|   |            |
|---|------------|
| ZLDV_Length with base excl. base pins/connection [AGGR] | 1449.00 mm |
| ZLDV_Diameter [AGGR]                                    | 16.0 mm    |

### Temperatures & operating conditions

|  |         |
|--|---------|
| ZLDV_Rated ambient temp.w.max.luminous flux [AGGR] | 35.0 °C |
|--|---------|

### Levetid

|  |                       |
|--|-----------------------|
| ZLDV_Service life [AGGR]                           | 19000 h <sup>1)</sup> |
| ZLDV_Lifespan [AGGR]                               | 24000 h <sup>1)</sup> |
| ZLDV_Rated lamp survival factor at 2,000 h [AGGR]  | 0.99                  |
| ZLDV_Rated lamp survival factor at 4,000 h [AGGR]  | 0.99                  |
| ZLDV_Rated lamp survival factor at 6,000 h [AGGR]  | 0.99                  |
| ZLDV_Rated lamp survival factor at 8,000 h [AGGR]  | 0.99                  |
| ZLDV_Rated lamp survival factor at 12,000 h [AGGR] | 0.99                  |
| ZLDV_Rated lamp survival factor at 16,000 h [AGGR] | 0.97                  |
| ZLDV_Rated lamp survival factor at 20,000 h [AGGR] | 0.85                  |
| ZLDV_Operation mode LLMF/LSF [AGGR]                | HF                    |
| ZLDV_Rated lamp life time [AGGR]                   | 24000 h               |

<sup>1)</sup> With preheat ECG

### Ytterligere produktdata

|   |  |
|---|--|
| ZLDV_Base (standard designation) [AGGR] | G5   |
| ZLDV_Mercury content [AGGR]             | 1.7 mg   |
| ZLDV_Product remark [AGGR]              | 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       | Ja   |

### Egenskaper

|                                 |     |
|---------------------------------|-----|
| ZLDV_Dimmable [AGGR]            | Yes |
| ZLDV_Suitable for indoor [AGGR] | Yes |

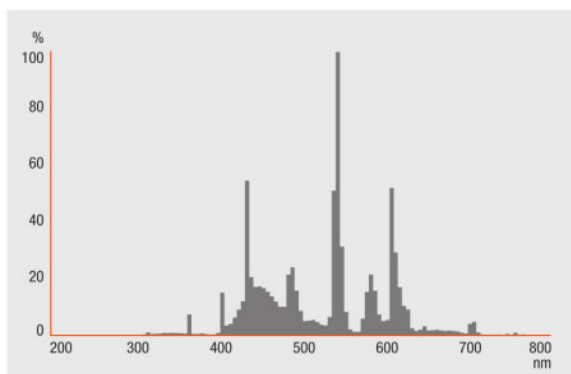
### Sertifikater og standarder

|                                     |              |
|-------------------------------------|--------------|
| ZLDV_Energy efficiency class [AGGR] | A+           |
| ZLDV_Energy consumption [AGGR]      | 55 kWh/1000h |

## Produkt datablad

### Lysfordeling

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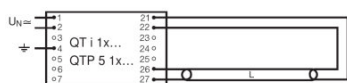


Spectral power distribution

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### Systemgaranti

OSRAM-system+garanti i kombinasjon med OSRAM ECG-er



Circuit diagram



Circuit diagram

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### Logistikk data

| Product kode | Produkt beskrivelse | Forpakkings enhet (stk/enhet) | Dimensjoner (lengde x bredde x høyde) | Volum | Brutto vekt |
|--------------|---------------------|-------------------------------|---------------------------------------|-------|-------------|
|--------------|---------------------|-------------------------------|---------------------------------------|-------|-------------|

## Produkt datablad

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|               |             |              |                             |                       |           |
|---------------|-------------|--------------|-----------------------------|-----------------------|-----------|
| 4050300796628 | HO 49 W/865 | NO: VS<br>20 | 1482 mm x 83 mm x<br>104 mm | 12.79 dm <sup>3</sup> | 3450.00 g |
|---------------|-------------|--------------|-----------------------------|-----------------------|-----------|

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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.

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### Referanser / Lenker

For mer informasjon om systemgarantien samt vilkårene og betingelsene i garantien besøk

▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

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### Ansvarsfraskrivelse

Endres uten varsel. Sørg alltid for å bruke den nyeste versjonen.

OSRAM GMBH is distribution partner  
of LEDVANCE for Digital Lighting  
Systems and Components

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany

## HO 49 W/865

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

| Produktnavn | Produktnavn ECG         | EAN           | Nominal wattage + Power loss | Nominell strøm | Lysstrøm ved 35 ° C | Antall belysningsutganger |
|-------------|-------------------------|---------------|------------------------------|----------------|---------------------|---------------------------|
| HO 49 W/865 | QT-FIT 5 1x49           | 4008321832139 | 54.00 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QT-FIT 5 2x49           | 4008321832153 | 106.00 W                     | 0.47 A         | 4300 lm             | 2                         |
|             | QTi 1x28/54/35/49 GII   | 4008321383358 | 53.00 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QTi 1x35/49/80 DIM      | 4050300870540 | 53.40 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QTi 1x35/49/80 GII      | 4008321383372 | 53.00 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QTi 2x28/54/35/49 GII   | 4008321383419 | 105.00 W                     | 0.46 A         | 4300 lm             | 2                         |
|             | QTi 2x35/49/80 DIM      | 4050300870984 | 103.00 W                     | 0.46 A         | 4300 lm             | 2                         |
|             | QTi 2x35/49/80 GII      | 4008321658951 | 105.00 W                     | 0.45 A         | 4300 lm             | 2                         |
|             | QTi 2x35/49 DIM         | 4050300870670 | 103.60 W                     | 0.45 A         | 4300 lm             | 2                         |
|             | QTi DALI 1x35/49/80 DIM | 4050300870342 | 53.40 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QTi DALI 2x35/49/80 DIM | 4050300870441 | 101.00 W                     | 0.46 A         | 4300 lm             | 2                         |
|             | QTi DALI 2x35/49 DIM    | 4050300870465 | 103.60 W                     | 0.45 A         | 4300 lm             | 2                         |
|             | QTP5 1x49               | 4008321329370 | 53.00 W                      | 0.24 A         |                     | 1                         |
|             | QTP5 1x49               | 4008321329370 | 53.00 W                      | 0.24 A         | 4300 lm             | 1                         |
|             | QTP5 2x49               | 4008321329431 | 106.00 W                     | 0.49 A         |                     | 2                         |
|             | QTP5 2x49               | 4008321329431 | 106.00 W                     | 0.49 A         | 4300 lm             | 2                         |