

# Produkt datablad

## HE 21 W/865

LUMILUX T5 HE | Tubular fluorescent lamps 16 mm, high efficiency, with G5 base



- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Industry
- Outdoor applications only in suitable luminaires

- Good economy and efficiency
- Up to 20 % more economical than LUMILUX T8
- Up to 50 % smaller volume than comparable T8 lamps

### Product features

- Luminous efficacy: up to 104 lm/W
- 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 ( $R_a$  : 80...89)
- Dimmable

### Product benefits

- Good economy and efficiency
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- Up to 50 % smaller volume than comparable T8 lamps



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### Areas of application

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## Teknisk data

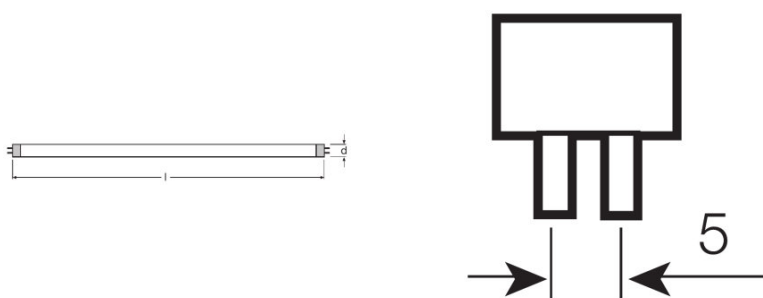
### Elektriske data

|                                                 |         |
|-------------------------------------------------|---------|
| ZLDV_Nominal voltage [AGGR]                     | 220 V   |
| ZLDV_Nominal wattage [AGGR]                     | 21.00 W |
| ZLDV_Rated lamp efficacy (HF data 25 °C) [AGGR] | 85 lm/W |
| ZLDV_Rated wattage [AGGR]                       | 20.60 W |

### Photometrical data

|                                       |                       |
|---------------------------------------|-----------------------|
| ZLDV_Color rendering index Ra [AGGR]  | ≥80                   |
| ZLDV_Rated luminous flux [AGGR]       | 1750 lm               |
| ZLDV_Luminous flux at 25 °C [AGGR]    | 1750 lm               |
| ZLDV_Luminous flux at 35 °C [AGGR]    | 2000 lm               |
| ZLDV_Light color [AGGR]               | 865                   |
| ZLDV_Rated color temperature [AGGR]   | 6500 K                |
| ZLDV_Nominal luminous flux [AGGR]     | 1750 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]     | 0.92                  |
| ZLDV_Rated LLMF at 6,000 h [AGGR]     | 0.91                  |
| 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]        | 849.0 mm |

## Produkt datablad

|                                                         |           |
|---------------------------------------------------------|-----------|
| ZLDV_Length with base excl. base pins/connection [AGGR] | 849.00 mm |
| ZLDV_Diameter [AGGR]                                    | 16.0 mm   |
| ZLDV_Maximum 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]             | 1.5 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 |

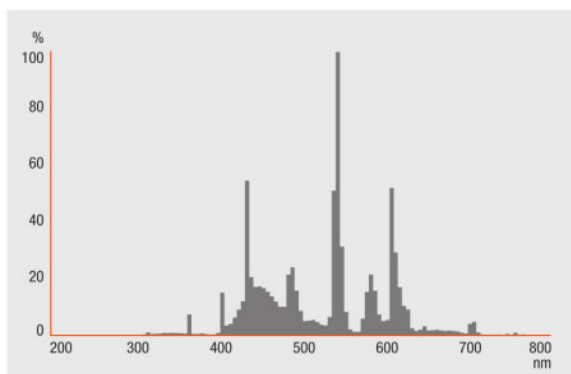
### Sertifikater og standarder

|                                     |              |
|-------------------------------------|--------------|
| ZLDV_Energy efficiency class [AGGR] | A+           |
| ZLDV_Energy consumption [AGGR]      | 23 kWh/1000h |

## Produkt datablad

### Lysfordeling

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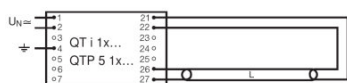


Spectral power distribution

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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

|               |             |              |                            |                       |           |
|---------------|-------------|--------------|----------------------------|-----------------------|-----------|
| 4050300464626 | HE 21 W/865 | NO: VS<br>40 | 897 mm x 90 mm x<br>196 mm | 15.82 dm <sup>3</sup> | 3673.20 g |
| 4050300591322 | HE 21 W/865 | NO: VS<br>20 | 882 mm x 83 mm x<br>104 mm | 7.61 dm <sup>3</sup>  | 2158.67 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.

### 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)

### 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

## HE 21 W/865

LUMILUX T5 HE | Tubular fluorescent lamps 16 mm, high efficiency, with G5 base

| Produktnavn | Produktnavn ECG          | EAN           | Nominal wattage + Power loss | Nominell strøm | Lysstrøm ved 35 ° C | Antall belysningsutganger |
|-------------|--------------------------|---------------|------------------------------|----------------|---------------------|---------------------------|
| HE 21 W/865 | QT-ECO 1x18-21/220-240 S | 4050300794907 | 23.00 W                      | 0.17 A         | 1800 lm             | 1                         |
|             | QT-FIT 5 1x14-35         | 4008321971234 | 23.00 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QT-FIT 5 2x14-35         | 4008321971258 | 46.00 W                      | 0.22 A         | 1900 lm             | 2                         |
|             | QTi 1x14/24/21/39 GII    | 4008321383334 | 24.00 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTi 1x21/39 DIM          | 4050300870564 | 23.10 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTi 1x28/54/35/49 GII    | 4008321383358 | 24.00 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTi 1x35/49/80 GII       | 4008321383372 | 25.00 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTi 2x14/24/21/39 GII    | 4008321383396 | 45.00 W                      | 0.20 A         | 1900 lm             | 2                         |
|             | QTi 2x21/39 DIM          | 4050300870694 | 45.00 W                      | 0.21 A         | 1900 lm             | 2                         |
|             | QTi 2x28/54/35/49 GII    | 4008321383419 | 45.00 W                      | 0.20 A         | 1900 lm             | 2                         |
|             | QTi 2x35/49/80 GII       | 4008321658951 | 49.00 W                      | 0.23 A         | 2000 lm             | 2                         |
|             | QTi DALI 1x21/39 DIM     | 4050300870366 | 23.10 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTi DALI 2x21/39 DIM     | 4050300870489 | 45.00 W                      | 0.21 A         | 1900 lm             | 2                         |
|             | QTP5 1x14-35             | 4008321329035 | 24.00 W                      | 0.11 A         | 1900 lm             | 1                         |
|             | QTP5 2x14-35             | 4008321329073 | 45.00 W                      | 0.20 A         | 1900 lm             | 2                         |

| Produktnavn | Produktnavn ECG          | EAN           | EEI – Energimerke |
|-------------|--------------------------|---------------|-------------------|
| HE 21 W/865 | QT-ECO 1x18-21/220-240 S | 4050300794907 | A3                |

## Produkt datablad

| Produktnavn | Produktnavn ECG       | EAN           | EEI – Energimerke |
|-------------|-----------------------|---------------|-------------------|
|             | QT-FIT 5 1x14-35      | 4008321971234 |                   |
|             | QT-FIT 5 2x14-35      | 4008321971258 |                   |
|             | QTi 1x14/24/21/39 GII | 4008321383334 |                   |
|             | QTi 1x21/39 DIM       | 4050300870564 |                   |
|             | QTi 1x28/54/35/49 GII | 4008321383358 |                   |
|             | QTi 1x35/49/80 GII    | 4008321383372 |                   |
|             | QTi 2x14/24/21/39 GII | 4008321383396 |                   |
|             | QTi 2x21/39 DIM       | 4050300870694 |                   |
|             | QTi 2x28/54/35/49 GII | 4008321383419 |                   |
|             | QTi 2x35/49/80 GII    | 4008321658951 |                   |
|             | QTi DALI 1x21/39 DIM  | 4050300870366 |                   |
|             | QTi DALI 2x21/39 DIM  | 4050300870489 |                   |
|             | QTP5 1x14-35          | 4008321329035 |                   |
|             | QTP5 2x14-35          | 4008321329073 |                   |