

# Produkt datablad

## HE 14 W/827

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



## Produkt datablad

---

### Areas of application

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

## Teknisk data

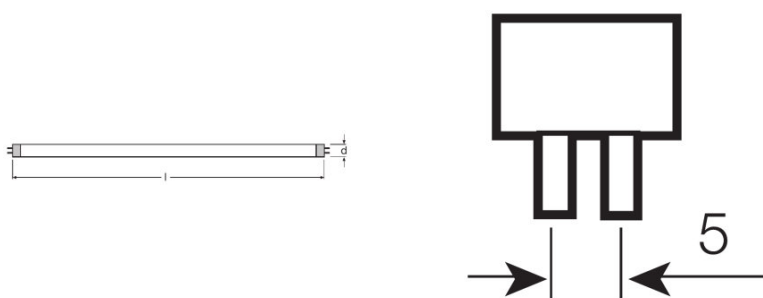
### Elektriske data

ZLDV_Nominal voltage [AGGR]	220 V
ZLDV_Nominal wattage [AGGR]	14.00 W
ZLDV_Rated lamp efficacy (HF data 25 °C) [AGGR]	86 lm/W
ZLDV_Rated wattage [AGGR]	14.00 W

### Photometrical data

ZLDV_Color rendering index Ra [AGGR]	≥80
ZLDV_Rated luminous flux [AGGR]	1200 lm
ZLDV_Luminous flux at 25 °C [AGGR]	1200 lm
ZLDV_Luminous flux at 35 °C [AGGR]	1350 lm
ZLDV_Light color [AGGR]	827
ZLDV_Rated color temperature [AGGR]	2700 K
ZLDV_Nominal luminous flux [AGGR]	1200 lm
ZLDV_Light color (designation) [AGGR]	LUMILUX INTERNA
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]	549.0 mm

## Produkt datablad

ZLDV_Length with base excl. base pins/connection [AGGR]	549.00 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

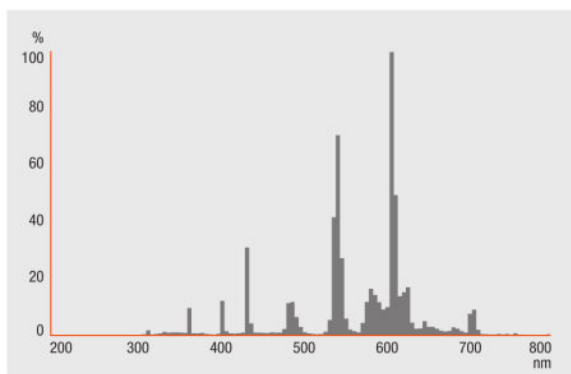
### Sertifikater og standarder

ZLDV_Energy efficiency class [AGGR]	A+
ZLDV_Energy consumption [AGGR]	16 kWh/1000h

## Produkt datablad

### Lysfordeling

---



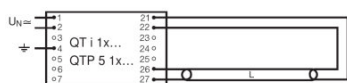
---

Spectral power distribution

---

### Systemgaranti

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



---

Circuit diagram



---

Circuit diagram

---

### Logistikk data

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

## Produkt datablad

4050300645919	HE 14 W/827	NO: VS 20	582 mm x 83 mm x 104 mm	5.02 dm <sup>3</sup>	1371.00 g
4050300645933	HE 14 W/827	NO: VS 40	598 mm x 95 mm x 198 mm	11.25 dm <sup>3</sup>	2580.00 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.

### 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 14 W/827

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 14 W/827	QT-ECO 1x4-16/220-240 L	4050300660370	15.00 W	0.10 A	1150 lm	1
	QT-ECO 1x4-16/220-240 S	4050300638584	15.00 W	0.10 A	1150 lm	1
	QT-FIT 5 1x14-35	4008321971234	16.00 W	0.08 A	1200 lm	1
	QT-FIT 5 2x14-35	4008321971258	32.00 W	0.14 A	1200 lm	2
	QT-FIT 5 3x14, 4x14	4008321971210	63.00 W	0.28 A	1200 lm	4
	QTi 1x14/24/21/39 GII	4008321383334	16.00 W	0.08 A	1200 lm	1
	QTi 1x14/24 DIM	4050300870922	15.40 W	0.07 A	1200 lm	1
	QTi 1x28/54/35/49 GII	4008321383358	16.00 W	0.08 A	1275 lm	1
	QTi 1x35/49/80 GII	4008321383372	16.00 W	0.08 A	1275 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	31.00 W	0.15 A	1200 lm	2
	QTi 2x14/24 DIM	4050300870946	30.60 W	0.14 A	1200 lm	2
	QTi 2x28/54/35/49 GII	4008321383419	32.00 W	0.15 A	1275 lm	2
	QTi 2x35/49/80 GII	4008321658951	34.00 W	0.18 A	1250 lm	2
	QTi 3x14/24 DIM	4008321069719	45.30 W	0.20 A	1200 lm	3
	QTi 4x14/24 DIM	4008321069993	60.40 W	0.27 A	1200 lm	4
	QTi DALI 1x14/24 DIM	4050300870380	15.40 W	0.07 A	1200 lm	1
	QTi DALI 2x14/24 DIM	4050300870861	30.60 W	0.14 A	1200 lm	2

## Produkt datablad

Produktnavn	Produktnavn ECG	EAN	Nominal wattage + Power loss	Nominell strøm	Lysstrøm ved 35 ° C	Antall belysningsutganger
	QTi DALI 3x14/24 DIM	4008321069955	45.30 W	0.20 A	1200 lm	3
	QTi DALI 4x14/24 DIM	4008321070036	60.40 W	0.27 A	1200 lm	4
	QTP5 1x14-35	4008321329035	16.00 W	0.08 A	1200 lm	1
	QTP5 2x14-35	4008321329073	30.00 W	0.14 A	1200 lm	2
	QTP5 3x14, 4x14	4008321484598	48.00 W	0.28 A	1350 lm	3
	QTP5 3x14, 4x14	4008321484598	63.00 W	0.22 A	1350 lm	4

Produktnavn	Produktnavn ECG	EAN	EEI – Energimerke	Lysstrøm ved 25 ° C
HE 14 W/827	QT-ECO 1x4-16/220-240 L	4050300660370	A2	
	QT-ECO 1x4-16/220-240 S	4050300638584	A2	
	QT-FIT 5 1x14-35	4008321971234		
	QT-FIT 5 2x14-35	4008321971258		
	QT-FIT 5 3x14, 4x14	4008321971210		
	QTi 1x14/24/21/39 GII	4008321383334		
	QTi 1x14/24 DIM	4050300870922		
	QTi 1x28/54/35/49 GII	4008321383358		
	QTi 1x35/49/80 GII	4008321383372		
	QTi 2x14/24/21/39 GII	4008321383396		
	QTi 2x14/24 DIM	4050300870946		
	QTi 2x28/54/35/49 GII	4008321383419		
	QTi 2x35/49/80 GII	4008321658951		
	QTi 3x14/24 DIM	4008321069719		



## Produkt datablad

Produktnavn	Produktnavn ECG	EAN	EEI – Energimerke	Lysstrøm ved 25 ° C
	QTi 4x14/24 DIM	4008321069993		
	QTi DALI 1x14/24 DIM	4050300870380		
	QTi DALI 2x14/24 DIM	4050300870861		
	QTi DALI 3x14/24 DIM	4008321069955		
	QTi DALI 4x14/24 DIM	4008321070036		
	QTP5 1x14-35	4008321329035		
	QTP5 2x14-35	4008321329073		
	QTP5 3x14, 4x14	4008321484598		1200 lm
	QTP5 3x14, 4x14	4008321484598		1200 lm