

## Colored T5 HE

Tubular fluorescent lamps 16 mm, high efficiency, colored



### Areas of application

- Shops
- Supermarkets and department stores
- Public buildings

### Product benefits

- Ideal for cost-effective creative illumination and decoration
- Uniform distribution of light over the entire length of the lamp
- Suitable for color mixes, including with white light (2,700...6,500 K)

### Product features

- High color saturation of red, green and blue
- Average lifetime: up to 24,000 h (with QUICKTRONIC ECG)
- Dimmable



# Product family datasheet

## Technical data

Product description	Electrical data	Photometrical data			Dimensions & weight		Temperatures	Lifespan		Additional product data
	Nominal wattage	Luminous flux at 25 °C	Luminous flux at 35 °C	Light color (designation)	Tube diameter	Length with base excl. base pins/connection	Rated ambient temp.w. max.luminous flux	Service life	Lifespan	Base (standard designation)
HE 14 W/60 <sup>1)</sup>	14.0 W	930 lm	970 lm	Red	16 mm	549.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 14 W/66 <sup>1)</sup>	14.0 W	1550 lm	1600 lm	Green	16 mm	549.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 14 W/67 <sup>1)</sup>	14.0 W	300 lm	330 lm	Blue	16 mm	549.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 21 W/60 <sup>1)</sup>	21.0 W	1500 lm	1550 lm	Red	16 mm	849.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 21 W/66 <sup>1)</sup>	21.0 W	2500 lm	2650 lm	Green	16 mm	849.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 21 W/67 <sup>1)</sup>	21.0 W	500 lm	540 lm	Blue	16 mm	849.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 28 W/60 <sup>1)</sup>	28.0 W	2100 lm	2200 lm	Red	16 mm	1149.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 28 W/66 <sup>1)</sup>	28.0 W	3500 lm	3700 lm	Green	16 mm	1149.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 28 W/67 <sup>1)</sup>	28.0 W	700 lm	750 lm	Blue	16 mm	1149.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 35 W/60 <sup>1)</sup>	35.0 W	2650 lm	2800 lm	Red	16 mm	1449.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 35 W/66 <sup>1)</sup>	35.0 W	4450 lm	4700 lm	Green	16 mm	1449.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5
HE 35 W/67 <sup>1)</sup>	35.0 W	875 lm	950 lm	Blue	16 mm	1449.00 mm	35.0 °C	19000 h <sup>2)</sup>	24000 h <sup>2)</sup>	G5

Product description	Appropriate disposal acc. to WEEE	Capabilities		Certificates & standards	
		Dimmable	Suitable for indoor	Energy efficiency class	Energy consumption
HE 14 W/60 <sup>1)</sup>	Yes	Yes	Yes	A	16 kWh/1000h
HE 14 W/66 <sup>1)</sup>	Yes	Yes	Yes	A+	16 kWh/1000h
HE 14 W/67 <sup>1)</sup>	Yes	Yes	Yes	B	16 kWh/1000h

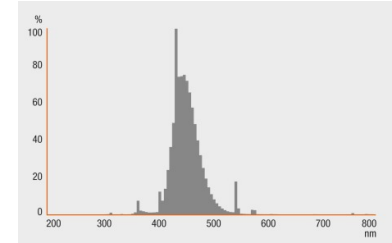
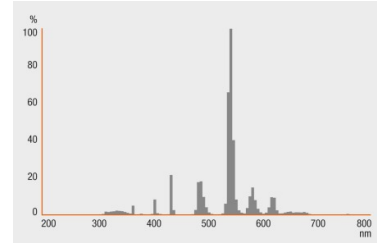
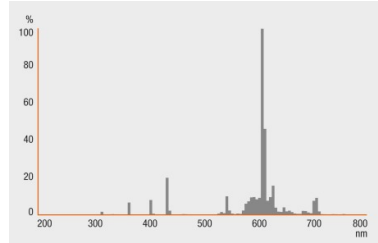
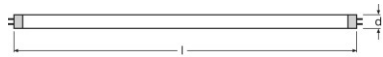
## Product family datasheet

Product description	Appropriate disposal acc. to WEEE	Capabilities		Certificates & standards	
		Dimmable	Suitable for indoor	Energy efficiency class	Energy consumption
HE 21 W/60 <sup>1)</sup>	Yes		Yes	A	23 kWh/1000h
HE 21 W/66 <sup>1)</sup>	Yes		Yes	A+	23 kWh/1000h
HE 21 W/67 <sup>1)</sup>	Yes		Yes	B	23 kWh/1000h
HE 28 W/60 <sup>1)</sup>	Yes		Yes	A	31 kWh/1000h
HE 28 W/66 <sup>1)</sup>	Yes		Yes	A+	31 kWh/1000h
HE 28 W/67 <sup>1)</sup>	Yes		Yes	B	31 kWh/1000h
HE 35 W/60 <sup>1)</sup>	Yes		Yes	A	40 kWh/1000h
HE 35 W/66 <sup>1)</sup>	Yes		Yes	A++	40 kWh/1000h
HE 35 W/67 <sup>1)</sup>	Yes		Yes	B	40 kWh/1000h

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

<sup>2)</sup> With preheat ECG

# Product family datasheet



HE 14 W/60, HE 14 W/66, HE 14 W/67,  
HE 21 W/60, HE 21 W/66, HE 21 W/67,  
HE 28 W/60, HE 28 W/66, HE 28 W/67,  
HE 35 W/60, HE 35 W/66, HE 35 W/67

HE 14 W/60, HE 21 W/60, HE 28 W/60,  
HE 35 W/60

HE 14 W/66, HE 21 W/66, HE 28 W/66,  
HE 35 W/66

HE 14 W/67, HE 21 W/67, HE 28 W/67,  
HE 35 W/67

## System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

## Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)

## Application advice

## Product family datasheet

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

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321170705	HE 14 W/60	Shipping carton box 10	589 mm x 48 mm x 104 mm	2.94 dm <sup>3</sup>	706.00 g
4008321170729	HE 14 W/66	Shipping carton box 10	589 mm x 53 mm x 104 mm	3.25 dm <sup>3</sup>	706.00 g
4008321170781	HE 14 W/67	Shipping carton box 10	589 mm x 48 mm x 104 mm	2.94 dm <sup>3</sup>	706.00 g
4008321170682	HE 21 W/60	Shipping carton box 10	882 mm x 52 mm x 104 mm	4.77 dm <sup>3</sup>	1089.67 g
4008321170743	HE 21 W/66	Shipping carton box 10	889 mm x 48 mm x 104 mm	4.44 dm <sup>3</sup>	1151.00 g
4008321170804	HE 21 W/67	Shipping carton box 10	882 mm x 51 mm x 104 mm	4.68 dm <sup>3</sup>	1077.33 g
4008321161840	HE 28 W/60	Shipping carton box 10	1182 mm x 49 mm x 104 mm	6.02 dm <sup>3</sup>	1370.50 g
4008321161864	HE 28 W/66	Shipping carton box 10	1189 mm x 48 mm x 104 mm	5.94 dm <sup>3</sup>	1390.00 g
4008321161888	HE 28 W/67	Shipping carton box 10	1182 mm x 53 mm x 104 mm	6.52 dm <sup>3</sup>	1442.20 g
4008321133458	HE 35 W/60	Shipping carton box 10	1482 mm x 42 mm x 104 mm	6.47 dm <sup>3</sup>	1798.00 g
4008321161925	HE 35 W/66	Shipping carton box 10	1482 mm x 51 mm x 104 mm	7.86 dm <sup>3</sup>	1798.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321161949	HE 35 W/67	Shipping carton box 10	1482 mm x 51 mm x 104 mm	7.86 dm <sup>3</sup>	1798.00 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.

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### References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

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

For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.