

## Product selected: FHE 28W/840

A new generation of triphosphor High Efficiency slim linear fluorescent tubes offering superior colorimetric, photometric and lumen maintenance performance. Particularly suitable for use in the new low profile recessed and suspended luminaires and modular systems. 1. FHE - Fluorescent High Efficiency is the optimised solution for efficient direct lighting.

### Applications

- Commercial and industrial areas
- Offices
- Hotels
- Shops
- Schools

### Features

- High lamp efficacy: up to 104 lm/W
- Energy savings: up to 25% compared to T8 tubes in appropriate luminaires
- Almost constant lumen maintenance throughout the entire life of the lamp due to Luxline Plus triphosphor technology
- High colour rendering (Ra85/Class1B)
- For electronic ballast operation only giving greater efficiency and advantages in improved starting and life performance
- Optimised ambient operating temperature at 35° C (max lumen output) allows compact luminaire designs
- Reduced storage volume and transportation costs
- Average rated life: up to 20000 hours

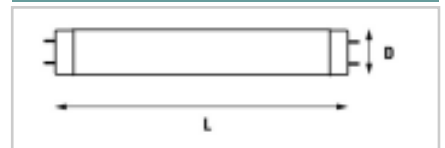
### Product Attributes

Item description	FHE 28W/840
Nominal wattage (W)	28
Rated Wattage (W) 50 Hz	-
Rated Wattage (W) HF	27.7
Bulb finish / Light colour	Coolwhite Deluxe
Cap	G5
Maximum Lamp length L [mm]	1163.2
Diameter D [mm]	16
Mercury content per lamp [mg]	3.2
Colour rendering Index - CRI (class / %)	/85
Colour temperature (K)	4000
Nominal luminous flux at 25°C (lm)	2640
Nominal luminous flux at 35°C (lm)	2900
Lumen maintenance min. 2000 h (50 Hz)	-
Lumen maintenance min. 4000 h (50 Hz)	-
Lumen maintenance min. 6000 h (50 Hz)	-
Lumen maintenance min. 8000 h (50 Hz)	-
Lumen maintenance min. 12000 h (50 Hz)	-
Lumen maintenance min. 16000 h (50 Hz)	-
Lumen maintenance min. 20000 h (50 Hz)	-
Lumen maintenance min. 2000 h (HF preheat)	0.96
Lumen maintenance min. 4000 h (HF preheat)	0.94
Lumen maintenance min. 6000 h (HF preheat)	0.93
Lumen maintenance min. 8000 h (HF preheat)	0.92
Lumen maintenance min. 12000 h (HF preheat)	0.91
Lumen maintenance min. 16000 h (HF preheat)	0.9
Lumen maintenance min. 20000 h (HF preheat)	0.88
Ambient temperature for max. lumen flux (°C)	35
Rated luminous flux at 25°C (lm)	2609
Rated lamp efficacy (lm/W) at 100 h - 50 Hz, 25°C	94.2
Nominal average life (h)	24000
Survival factor 2000 h (50 Hz)	-
Survival factor 4000 h (50 Hz)	-
Survival factor 6000 h (50 Hz)	-
Survival factor 8000 h (50 Hz)	-

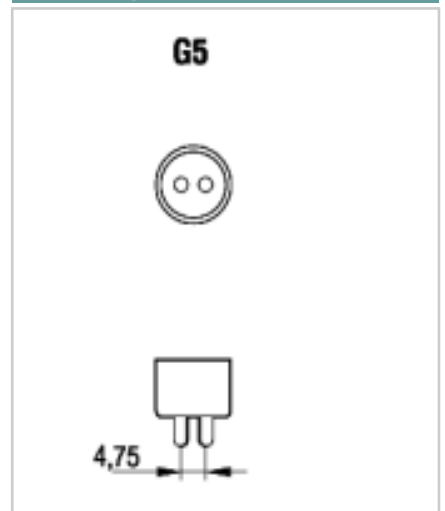
### Product Image



### Product line drawing (image)



### Cap (image)



Survival factor 12000 h (50 Hz)	-
Survival factor 20000 h (50 Hz)	-
Survival factor 2000 h (HF)	0.99
Survival factor 4000 h (HF)	0.98
Survival factor 6000 h (HF)	0.96
Survival factor 8000 h (HF)	0.93
Survival factor 12000 h (HF)	0.9
Survival factor 16000 h (HF)	0.89
Survival factor 20000 h (HF)	-
Packing Quantity	25
EAN Code	5410288027678
Ordering Code	0002767

## Fixture rating

