

Product selected: F70W/830

A new generation of triphosphor coated fluorescent tubes. Using T8 triphosphor tubes in place of T12 and T8 halophosphor tubes increases light levels and extends lamp life, up to 20000 hours when used with electronic control gear, improves colour rendering performance and reduces maintenance and energy costs.

Applications

- Industrial and commercial lighting (stores, offices, industrial areas, supermarkets)
- Special lengths in luminaires with non-standard dimensions, displays, furniture lighting, shops, bathroom luminaires

Features

- High light output; almost constant lumen maintenance throughout life
- High colour rendering (Ra85/Class 1B)
- Consumes 10% less energy than comparable 38mm fluorescent tubes
- Excellent performance (lm/W) and increased luminaire efficiency (5 to 10%)
- Operates on conventional and electronic ballast

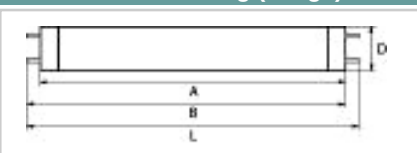
Product Attributes

Item description	F70W/830
Nominal wattage (W)	70
Rated Wattage (W) 50 Hz	69.8
Rated Wattage (W) HF	60
Bulb finish	Warmwhite Deluxe
Cap	G13
Max. Over. Length A base to base [mm]	1764
Length B pin to base [mm]	1768.5 - 1770.9
Max. Overall Lamp length L [mm]	1778
Diameter D [mm]	26
Mercury content per lamp (mg)	4.5
Colour rendering Index - CRI (class / %)	1B/85
Colour temperature (K)	3000
Nominal luminous flux at 25°C (lm)	6000
Nominal luminous flux at 35°C (lm)	-
Lumen maintenance min. 2000 h (50 Hz)	0.96
Lumen maintenance min. 4000 h (50 Hz)	0.94
Lumen maintenance min. 6000 h (50 Hz)	0.92
Lumen maintenance min. 8000 h (50 Hz)	0.91
Lumen maintenance min. 12000 h (50 Hz)	0.9
Lumen maintenance min. 16000 h (50 Hz)	0.89
Lumen maintenance min. 20000 h (50 Hz)	0.87
Lumen maintenance min. 2000 h (HF preheat)	n.a.
Lumen maintenance min. 4000 h (HF preheat)	n.a.
Lumen maintenance min. 6000 h (HF preheat)	n.a.
Lumen maintenance min. 8000 h (HF preheat)	n.a.
Lumen maintenance min. 12000 h (HF preheat)	n.a.
Lumen maintenance min. 16000 h (HF preheat)	n.a.
Lumen maintenance min. 20000 h (HF preheat)	n.a.
Ambient temperature for max. lumen flux (°C)	25
Rated luminous flux at 25°C (lm)	6219
Rated lamp efficacy (lm/W) at 100 h - 50 Hz, 25°C	89.1
Nominal average life (h)	20000
Survival factor 2000 h (50 Hz)	0.99
Survival factor 4000 h (50 Hz)	0.98
Survival factor 6000 h (50 Hz)	0.96
Survival factor 8000 h (50 Hz)	0.94

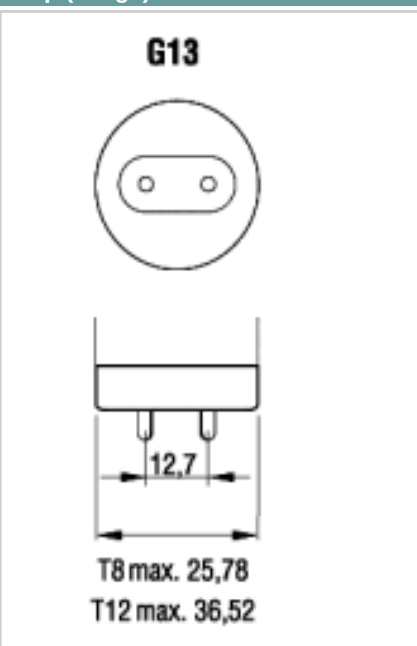
Product Image



Product line drawing (image)



Cap (image)



Survival factor 12000 h (50 Hz)	0.91
Survival factor 16000 h (50 Hz)	0.85
Survival factor 20000 h (50 Hz)	n.a.
Survival factor 2000 h (HF)	n.a.
Survival factor 4000 h (HF)	n.a.
Survival factor 6000 h (HF)	n.a.
Survival factor 8000 h (HF)	n.a.
Survival factor 12000 h (HF)	n.a.
Survival factor 16000 h (HF)	n.a.
Survival factor 20000 h (HF)	n.a.
ILCOS-code	-
Packing Quantity	25
EAN Code	5410288010939
Ordering Code	0001093

Quality seal



Conformité Européenne



Waste of Electrical and Electronic Equipment (WEEE)



Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (ROHS)

Fixture rating



Relative Spectral Power Distribution

