

Product selected: F58W/840

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

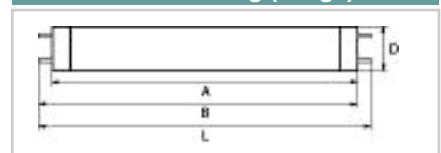
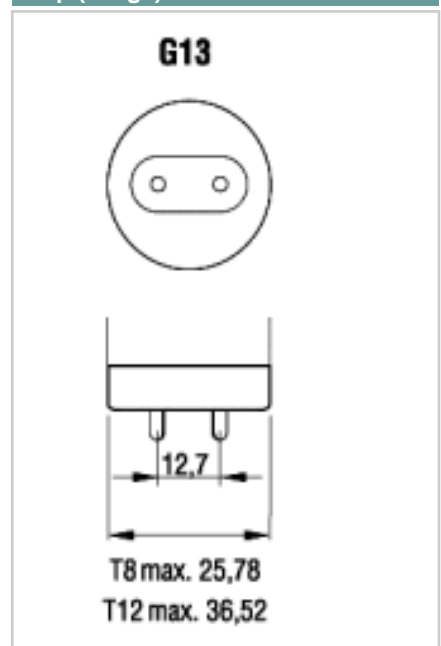
Features

- 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	F58W/840
Nominal wattage (W)	58
Rated Wattage (W) 50 Hz	58.2
Rated Wattage (W) HF	50
Bulb finish	Coolwhite Deluxe
Cap	G13
Max. Over. Length A base to base [mm]	1500
Length B pin to base [mm]	1504.7 - 1507.1
Max. Overall Lamp length L [mm]	1514.2
Diameter D [mm]	26
Mercury content per lamp (mg)	3.3
Colour rendering Index - CRI (class / %)	1B/85
Colour temperature (K)	4000
Nominal luminous flux at 25°C (lm)	5200
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)	5244
Rated lamp efficacy (lm/W) at 100 h - 50 Hz, 25°C	90.1
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)	0.93

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	5410288015309
Ordering Code	0001530

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

