

Product selected: F18W/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

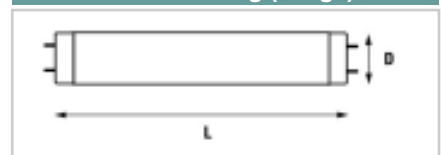
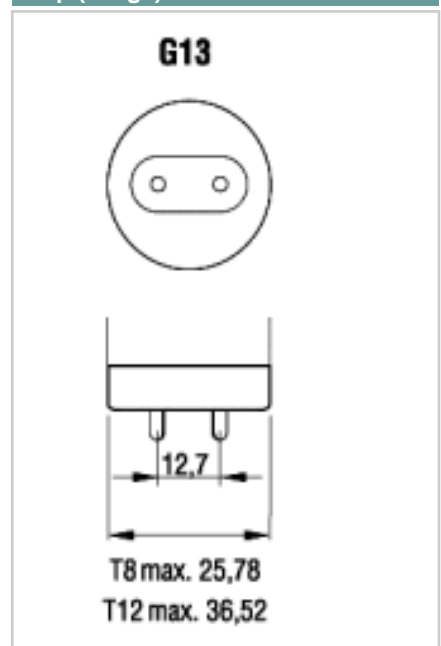
Features

- 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	F18W/830
Nominal wattage (W)	18
Rated Wattage (W) 50 Hz	18.0
Rated Wattage (W) HF	16.0
Bulb finish / Light colour	Warmwhite Deluxe
Cap	G13
Maximum Lamp length L [mm]	604
Diameter D [mm]	26
Mercury content per lamp [mg]	3.3
Colour rendering Index - CRI (class / %)	/85
Colour temperature (K)	3000
Nominal luminous flux at 25°C (lm)	1350
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)	1319
Rated lamp efficacy (lm/W) at 100 h - 50 Hz, 25°C	75.4
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
Survival factor 12000 h (50 Hz)	0.92
Survival factor 20000 h (50 Hz)	n.a.

Product Image

Product line drawing (image)

Cap (image)


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.
Packing Quantity	25
EAN Code	5410288015019
Ordering Code	0001501

Fixture rating

