

**Product selected: F58W/865**

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.

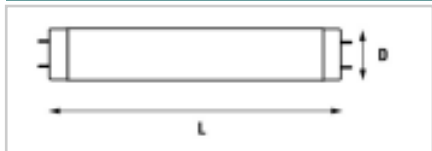
| Applications   | Features  |
|--|---|
| <ul style="list-style-type: none"> <li>- Industrial and commercial lighting (stores, offices, industrial areas, supermarkets)</li> <li>- Special lengths in luminaires with non-standard dimensions, displays, furniture lighting, shops, bathroom luminaires</li> </ul> | <ul style="list-style-type: none"> <li>- High light output; almost constant lumen maintenance throughout life</li> <li>- High colour rendering (Ra85/Class 1B)</li> <li>- Consumes 10% less energy than comparable 38mm fluorescent tubes</li> <li>- Excellent performance (lm/W) and increased luminaire efficiency (5 to 10%)</li> <li>- Operates on conventional and electronic ballast</li> </ul> |

| Product Attributes                                |                 |
|---|-----------------|
| Item description                                  | F58W/865        |
| Nominal wattage (W)                               | 58              |
| Rated Wattage (W) 50 Hz                           | 58.5            |
| Rated Wattage (W) HF                              | 50.0            |
| Bulb finish / Light colour                        | Daylight Deluxe |
| Cap   | G13             |
| Maximum Lamp length L [mm]                        | 1514.2          |
| Diameter D [mm]                                   | 26              |
| Mercury content per lamp [mg]                     | 3.3             |
| Colour rendering Index - CRI (class / %)          | /85             |
| Colour temperature (K)                            | 6000            |
| Nominal luminous flux at 25°C (lm)                | 5000            |
| 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)                  | 5084            |
| Rated lamp efficacy (lm/W) at 100 h - 50 Hz, 25°C | 86.9            |
| 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            |
| Survival factor 12000 h (50 Hz)                   | 0.91            |
| Survival factor 20000 h (50 Hz)                   | n.a.            |

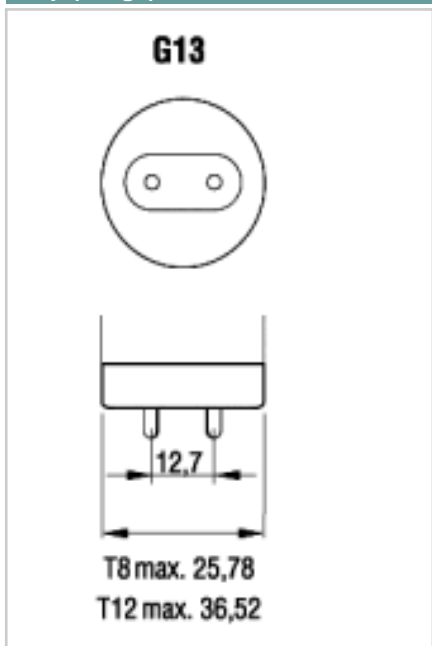
**Product Image**



**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                     | 5410288015323 |
| Ordering Code                | 0001532       |

## Fixture rating

