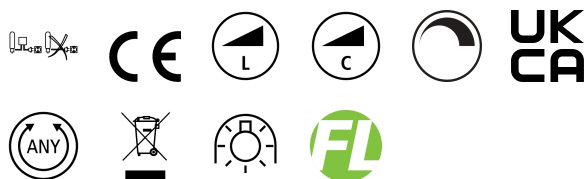


F36w/T8/865 Ee N Me

Item No: 0001480

SYLVANIA



T8 Fluorescent lamp, 36W, 6500K.

Technical Assets

Photometrics

General data

| | |
|---------------------|---|
| Product name | F36w/T8/865 Ee N Me |
| Technology | Fluorescent |
| Lamp shape | Tube, double-ended |
| Cap/Base | G13 |
| Lamp finish | Frosted/Coated |
| Fixture rating | Open |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail |
| ETIM Class | EC000108 |

Optical data

| | |
|--|----------------|
| Useful luminous flux (Φ_{use}) | 3250 |
| Luminous flux (Rated) (lm) | 3250 |
| Ambient temperature for maximum luminous flux ($^{\circ}\text{C}$) | 25 |
| Correlated colour temperature (k) | 6500 |
| Light colour | Daylight |
| Colour Code | 865 |
| CRI (Ra) | 85 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Adjustable chromaticity | N |
| Photobiological Risk Group | Not applicable |
| Rated lumen maint. factor (%) at 2000 h 50Hz | 0.96 |
| Rated lumen maint. factor (%) at 4000 h 50Hz | 0.94 |
| Rated lumen maint. factor (%) at 6000 h 50Hz | 0.92 |
| Rated lumen maint. factor (%) at 8000 h 50Hz | 0.91 |
| Rated lumen maint. factor (%) at 12000 h 50Hz | 0.90 |

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| | |
|---|--------------------------------|
| Rated lumen maint. factor (%) at 16000 h 50Hz | 0.89 |
| Rated lumen maint. factor (%) at 20000 h 50Hz | 0.87 |
| Electrical data | |
| Power consumption (W) | 36 |
| Wattage (W) | 36.00 |
| Supply current (A) | 0.430 |
| Primary Supply/Product voltage - min (V) | 93 |
| Primary Supply/Product voltage - max (V) | 113 |
| Control gear required | Yes |
| Dimmable | Yes |
| Dimming method | Mains: leading / trailing edge |
| Drive current (mA) | 430 |
| Lamp Energy Label (class) | G |
| kWh per 1000 hours burning time | 43 |
| Nominal Frequency (Hz) | 50Hz |

Lifetime data

| | |
|---|-------|
| Average life (Nominal) (h) | 20000 |
| Average life (Rated) (h) | 20000 |
| Rated survival factor (%) at 2000 h 50Hz | 0.99 |
| Rated survival factor (%) at 4000 h 50Hz | 0.98 |
| Rated survival factor (%) at 6000 h 50Hz | 0.96 |
| Rated survival factor (%) at 8000 h 50Hz | 0.94 |
| Rated survival factor (%) at 12000 h 50Hz | 0.92 |
| Rated survival factor (%) at 16000 h 50Hz | 0.80 |
| Rated survival factor (%) at 20000 h 50Hz | 0.50 |

Physical data

| | |
|-------------------------------------|---------------|
| Nominal Product Length (mm) | 1200.0 |
| Nominal Product Diameter (mm) | 26 |
| Max. Length base to base (mm) - A | 1199.4 |
| Length base to pin Min-Max (mm) - B | 1204.1-1206.5 |
| Max. Lamp Length (mm) - CL | 1213.6 |
| Max. Lamp Diameter (mm) - D | 28.0 |
| Weight (kg) | 0.166 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288014807 |
| Packaging single length / height (cm) | 121.4 |
| Packaging single width (cm) | 2.9 |
| Packaging single depth (cm) | 2.8 |
| DUN14 (inner) | 15410288014804 |
| Units per outer package | 25 |
| Packaging outer length / height (cm) | 124.0 |
| Packaging outer width (cm) | 15.5 |
| Packaging outer depth (cm) | 15.0 |

Safety data

| | |
|--|------------|
| Lamp mercury content (mg) | 2.80 |
| Breakage cleaning instructions | Applicable |
| Recommendation for disposal at end of life | Applicable |
| Special purpose lamp | No |
| Suitable for household illumination | Yes |