T8 Luxline Plus

F70W/T8/835

0000581

Product features

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PRODUCT OVERVIEW

Product name	F70W/T8/835
Technology	Fluorescent
Watt (Rated) (W)	69.50
Lamp shape	Tube, double-ended
Type	T8 Luxline Plus
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
E-number FI	4940243
Luminous flux (lm)	6200
Colour temperature (K)	3500
Light colour	White
Colour Code	835
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	Not applicable
Wattage (W)	70.00
Product Voltage (V)	128
Dimmable	Yes
Average life (Nominal) (h)	20000
Product EAN number	5410288005812
Dimming method	Mains: leading / trailing edge

DATA TABLE

General data

Product name	F70W/T8/835
Technology	Fluorescent
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General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC000108
E-number FI	4940243

Optical data

Luminous flux (lm)	6200
Luminous flux (Rated) (lm)	6200
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	3500
Light colour	White
Colour Code	835
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
Rated lumen maint. factor (%) at 16000 h 50Hz	0.89
Rated lumen maint. factor (%) at 20000 h 50Hz	0.87

Electrical data

Wattage (W)	70.00
Watt (Rated) - High frequency (W)	60.00
Current (A)	0.700
Mains voltage (V)	220-240V
Product Voltage (V)	128
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Drive current (mA)	700
Lamp Energy Label (class)	G
kWh per 1000 hours burning time	81

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

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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)	1800.0
Nominal Product Diameter (mm)	26
Max. Length base to base (mm) - A	1763.8
Length base to pin Min-Max (mm) - B	1768.5-1770.9
Max. Lamp Length (mm) - C/L	1778.0
Max. Lamp Diameter (mm) - D	28.0
Weight (kg)	0.238

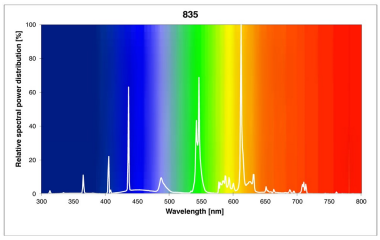
Packaging

Single packaging type	Carton
Product EAN number	5410288005812
Packaging single length / height (cm)	177.8
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.8
DUN14 (outer)	15410288005819
Units per outer package	25
Packaging outer length / height (cm)	180.5
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

PHOTOMETRY



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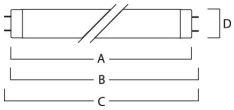
TECHNICAL DRAWINGS



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