

T8 Luxline Plus FEP

F36w/T8/840 Shatter-Proof Fep
0001493

Product features

- T8 Luxline Plus FEP



PRODUCT OVERVIEW

IPC Code	0001493
Product name	F36w/T8/840 Shatter-Proof Fep
Technology	Fluorescent
Watt (Rated) (W)	36.00
Lamp shape	Tubular shape
Cap/Base	G13
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Retail, Residential & Consumer
Certifications	EUERL004
ETIM Class	EC000108
E-number FI	4940713
Luminous flux (lm)	3350
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	85
Wattage (W)	36.00
Product Voltage (V)	103
Dimmable	Yes
Average life (Nominal) (h)	20000
Product EAN number	5410288014937

DATA TABLE

General data

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Optical data

Luminous flux (lm)	3350
Luminous flux (Rated) (lm)	3350
Rated lamp efficacy 100h 50Hz at optimum temp. (lm/W)	93
Rated lamp efficacy 100h HF at 25°C (lm/W)	93.00
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	85
Adjustable chromaticity	N
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)	36.00
Watt (Rated) - High frequency (W)	32.00
Current (A)	0.430
Product Voltage (V)	103
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Drive current (mA)	430
Lamp Energy Label (class)	A
kWh per 1000 hours burning time	43

Lifetime data

Average life (Nominal) (h)	20000
Average life (Rated) (h)	20000
Rated survival factor (%) at 2000 h 50Hz	0.99

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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) - C/L	1213.6
Max. Lamp Diameter (mm) - D	28.0
Weight (kg)	0.159

Packaging

Single packaging type	Carton
Product EAN number	5410288014937
Packaging single length / height (cm)	121.4
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.8
DUN14 (outer)	15410288014934
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
Intended purpose	General lighting
Suitable for household illumination	Yes

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