

T8 Luxline Plus

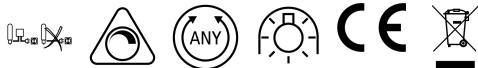
F18W/T8/830

0001501



Product features

- T8 fluorescent lamp with high colour rendering and excellent lumen maintenance, -Good colour rendering (CRI=85), -High luminous efficacy, -Operates on conventional and electronic ballasts, -Average rated life 20,000 hours with pre-heating ballast



PRODUCT OVERVIEW

IPC Code	0001501
Product name	F18W/T8/830
Technology	Fluorescent
Watt (Rated) (W)	18.00
Lamp shape	Tubular shape
Cap/Base	G13
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Education,Hospitality,Logistics & Industry,Museums & Galleries,Office,Residential & Consumer,Retail
Certifications	EUERL001
ETIM Class	EC000108
E-number FI	4940178
E-number SE	8356580
E-number Norway	3815415
Luminous flux (lm)	1350
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	85
Wattage (W)	18.00
Product Voltage (V)	57
Dimmable	Yes
Average life (Nominal) (h)	20000
Product EAN number	5410288015019

DATA TABLE

General data

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Optical data

Luminous flux (lm)	1350
Luminous flux (Rated) (lm)	1350
Rated lamp efficacy 100h 50Hz at optimum temp. (lm/W)	75
Rated lamp efficacy 100h HF at 25°C (lm/W)	75.00
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
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)	18.00
Watt (Rated) - High frequency (W)	16.00
Current (A)	0.370
Mains voltage (V)	220-240V~
Product Voltage (V)	57
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Drive current (mA)	370
Lamp Energy Label (class)	A
kWh per 1000 hours burning time	22

Lifetime data

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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)	600.0
Nominal Product Diameter (mm)	26
Max. Length base to base (mm) - A	589.8
Length base to pin Min-Max (mm) - B	594.5-596.9
Max. Lamp Length (mm) - C/L	604.0
Max. Lamp Diameter (mm) - D	28.0
Weight (kg)	0.083

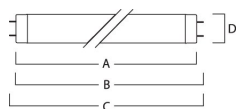
Packaging

Single packaging type	Carton
Product EAN number	5410288015019
Packaging single length / height (cm)	61.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.8
DUN14 (outer)	15410288015016
Units per outer package	25
Packaging outer length / height (cm)	63.0
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

TECHNICAL DRAWINGS



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