

## T8 Luxline Plus

F18W/T8/827

0001505



### 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

Product name	F18W/T8/827
Technology	Fluorescent
Watt (Rated) (W)	18.00
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	4940198
E-number SE	8356578
E-number Norway	3815413
Luminous flux (lm)	1350
Colour temperature (K)	2700
Light colour	Homelight
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	Not applicable
Wattage (W)	18.00
Product Voltage (V)	57
Dimmable	Yes
Average life (Nominal) (h)	20000
Product EAN number	5410288015057

## DATA TABLE

### General data

Product name	F18W/T8/827
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### Optical data

Luminous flux (lm)	1350
Luminous flux (Rated) (lm)	1350
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	2700
Light colour	Homelight
Colour Code	827
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)	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)	G
kWh per 1000 hours burning time	22
Nominal Frequency (Hz)	50Hz

### Lifetime data

Average life (Nominal) (h)	20000
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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

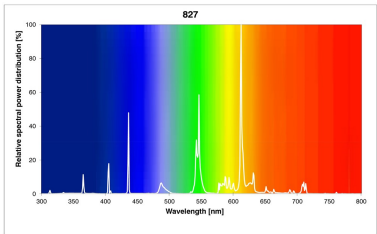
Single packaging type	Carton
Product EAN number	5410288015057
Packaging single length / height (cm)	61.0
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.8
DUN14 (outer)	15410288015054
Units per outer package	25
Packaging outer length / height (cm)	63.0
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	15.0

### Safety data

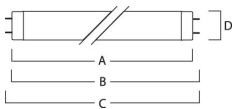
Lamp mercury content (mg)	2.80
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No
Suitable for household illumination	Yes

## PHOTOMETRY

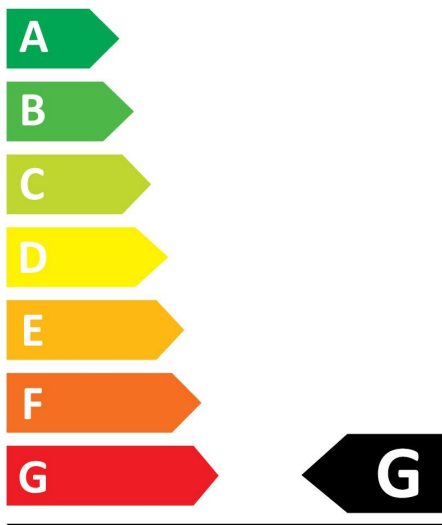
T8 Luxline Plus  
F18W/T8/827  
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TECHNICAL DRAWINGS



0001505



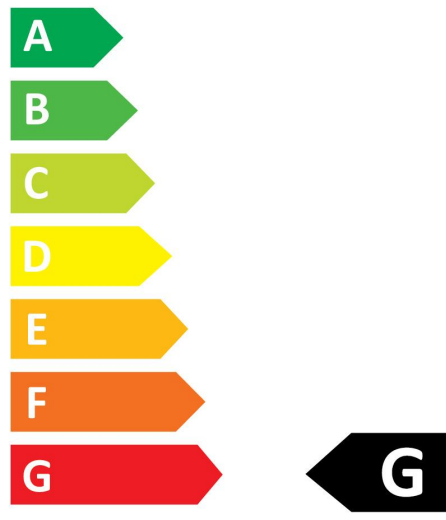
18  
kWh/1000h



2019/2015

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**SYLVANIA**  
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**18**  
kWh/1000h

