

## T5 FHE Luxline Plus

35W/T5/840 FHE  
0002770



### Product features



## PRODUCT OVERVIEW

Product name	35W/T5/840 FHE
Technology	Fluorescent
Watt (Rated) (W)	35
Lamp shape	Tube, double-ended
Type	T5 FHE Luxline Plus
Cap/Base	G5
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Retail, Residential & Consumer
ETIM Class	EC000108
E-number FI	4944234
E-number SE	8356528
E-number Norway	3800907
Luminous flux (lm)	3300
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	97
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	Not applicable
Wattage (W)	35.00
Product Voltage (V)	209
Dimmable	Yes
Average life (Nominal) (h)	24000
Product EAN number	5410288027708

## DATA TABLE

### General data

Product name	35W/T5/840 FHE
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### Optical data

Luminous flux (lm)	3300
Luminous flux (Rated) (lm)	3300
Luminous flux (Nominal) at 35°C (lm)	3650
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	97
Ambient temperature for maximum luminous flux (°C)	35
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM5
Adjustable chromaticity	N
Photobiological Risk Group	Not applicable
Rated lumen maint. factor (%) at 2000 h 50Hz	0.97
Rated lumen maint. factor (%) at 4000 h 50Hz	0.95
Rated lumen maint. factor (%) at 6000 h 50Hz	0.93
Rated lumen maint. factor (%) at 8000 h 50Hz	0.92
Rated lumen maint. factor (%) at 12000 h 50Hz	0.91
Rated lumen maint. factor (%) at 16000 h 50Hz	0.90
Rated lumen maint. factor (%) at 20000 h 50Hz	0.88

### Electrical data

Wattage (W)	35.00
Watt (Rated) - High frequency (W)	34.00
Current (A)	0.170
Product Voltage (V)	209
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Drive current (mA)	170
Lamp Energy Label (class)	F
kWh per 1000 hours burning time	38

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### Lifetime data

Average life (Nominal) (h)	24000
Average life (Rated) (h)	24000
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	0.93
Rated survival factor (%) at 16000 h 50Hz	0.90
Rated survival factor (%) at 20000 h 50Hz	0.84

### Physical data

Nominal Product Length (mm)	1450.0
Nominal Product Diameter (mm)	16
Max. Length base to base (mm) - A	1449.0
Length base to pin Min-Max (mm) - B	1453.7-1456.1
Max. Lamp Length (mm) - C/L	1463.2
Max. Lamp Diameter (mm) - D	17.0
Weight (kg)	0.109

### Packaging

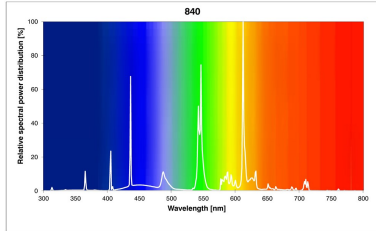
Single packaging type	Carton
Product EAN number	5410288027708
Packaging single length / height (cm)	146.4
Packaging single width (cm)	1.9
Packaging single depth (cm)	1.9
DUN14 (outer)	15410288027705
Units per outer package	25
Packaging outer length / height (cm)	148.0
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	10.5

### Safety data

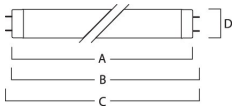
Lamp mercury content (mg)	2.30
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No
Suitable for household illumination	Yes

## PHOTOMETRY

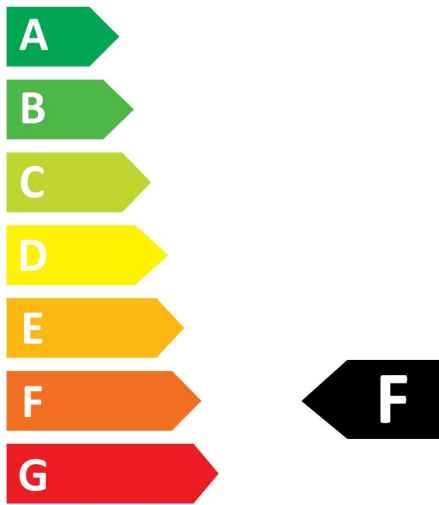
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## TECHNICAL DRAWINGS



0002770



**35**  
kWh/1000h



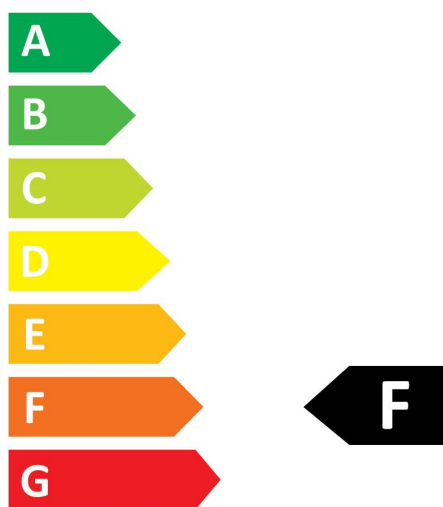
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# SYLVANIA

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**35**  
kWh/1000h



2019/2015