T5 FHO Luxline Plus

54W/T5/840 FHO

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Product features

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PRODUCT OVERVIEW

Product name	54W/T5/840 FHO
Technology	Fluorescent
Watt (Rated) (W)	54
Lamp shape	Tube, double-ended
Type	T5 FHO 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	4944354
E-number SE	8356560
E-number Norway	3800915
Luminous flux (lm)	4450
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	82
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	85
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	Not applicable
Wattage (W)	54.00
Product Voltage (V)	118
Dimmable	Yes
Average life (Nominal) (h)	24000
Product EAN number	5410288027821

DATA TABLE

General data

Product name	54W/T5/840 FHO
Technology	Fluorescent
Watt (Rated) (W)	54
Lamp shape	Tube, double-ended
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E-number Norway	3800915

Optical data

Luminous flux (lm)	4450
Luminous flux (Rated) (lm)	4450
Luminous flux (Nominal) at 35°C (lm)	5000
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	82
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)	54.00
Watt (Rated) - High frequency (W)	54.20
Current (A)	0.460
Product Voltage (V)	118
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Drive current (mA)	460
Lamp Energy Label (class)	F
kWh per 1000 hours burning time	60

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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)	1150.0
Nominal Product Diameter (mm)	16
Max. Length base to base (mm) - A	1149.0
Length base to pin Min-Max (mm) - B	1153.7-1156.1
Max. Lamp Length (mm) - C/L	1163.2
Max. Lamp Diameter (mm) - D	17.0
Weight (kg)	0.083

Packaging

Single packaging type	Carton
Product EAN number	5410288027821
Packaging single length / height (cm)	116.4
Packaging single width (cm)	1.9
Packaging single depth (cm)	1.9
DUN14 (outer)	15410288027828
Units per outer package	25
Packaging outer length / height (cm)	118.0
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
Intended purpose	General lighting
Suitable for household illumination	Yes

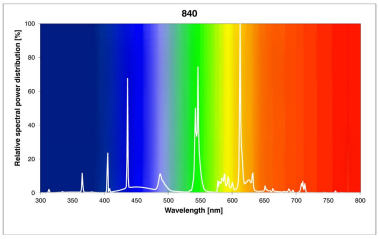
PHOTOMETRY

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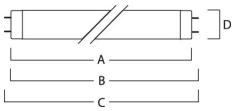
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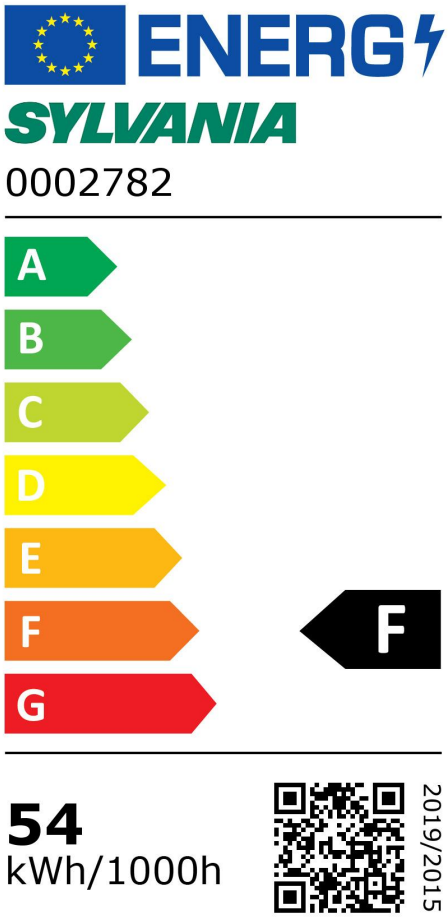
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TECHNICAL DRAWINGS





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