

# T5 FHE Luxline Plus

FHE14W/T5/840

0002761

## Product features

· T5 FHE Luxline Plus



## PRODUCT OVERVIEW

IPC Code	0002761
Product name	FHE 14W/T5/840
Technology	Fluorescent
Watt (Rated) (W)	14
Lamp shape	Tubular
Cap/Base	G5
Lamp finish	Coated
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Certifications	EUERL002
ETIM Class	EC000108
E-number FI	4944204
E-number SE	8356504
E-number Norway	3800901
Luminous flux (lm)	1200
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	87
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	85
Wattage (W)	14.00
Product Voltage (V)	82
Dimmable	Yes
Average life (Nominal) (h)	24000
Product EAN number	5410288027616

## DATA TABLE

### General data

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## Optical data

Luminous flux (lm)	1200
Luminous flux (Rated) (lm)	1200
Luminous flux (Nominal) at 35°C (lm)	1350
Rated lamp efficacy 100h 50Hz at 35°C (lm/W)	87
Rated lamp efficacy 100h 50Hz at optimum temp. (lm/W)	96.43
Rated lamp efficacy 100h HF at 25°C (lm/W)	87.00
Rated lamp efficacy 100h HF at 35°C (lm/W)	98.00
Ambient temperature for maximum luminous flux (°C)	35
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	0.97
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

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Rated lumen maint. factor (%) at 16000 h 50Hz	0.90
Rated lumen maint. factor (%) at 20000 h 50Hz	0.88

## Electrical data

Wattage (W)	14.00
Watt (Rated) - High frequency (W)	13.80
Current (A)	0.170
Mains voltage (V)	220-240V~
Product Voltage (V)	82
Control gear required	Yes

Transformer required	No
Dimmable	Yes
Drive current (mA)	170
Lamp Energy Label (class)	A+
kWh per 1000 hours burning time	16

## 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)	550.0
Nominal Product Diameter (mm)	16
Max. Length base to base (mm) - A	549.0
Length base to pin Min-Max (mm) - B	553.7-556.1
Max. Lamp Length (mm) - C/L	563.2
Max. Lamp Diameter (mm) - D	17.0
Weight (kg)	0.043

## Packaging

Single packaging type	Carton
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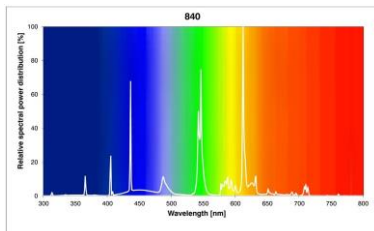
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Product EAN number	5410288027616
Packaging single length / height (cm)	56.4
Packaging single width (cm)	1.9
Packaging single depth (cm)	1.9
DUN14 (outer)	15410288027613
Units per outer package	25
Packaging outer length / height (cm)	57.8
Packaging 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



#### TECHNICAL DRAWINGS

