

## FHO 54W/T5/840 E

### 0002865

#### Range features



#### PRODUCT OVERVIEW

Light colour	840 Cool White
Technology	Fluorescent
Ordering number	0002865
Energy class	A+
Lamp shape	Linear
Lamp finish	Coated
Dimmable	yes
Cap/Base	G5
Type	T5 FHO Luxline Plus
EAN code	5410288028651
CRI (Ra)	82
Colour temperature (K)	4000
Luminous flux (Rated) at 25°C (lm)	4450
Efficacy (Rated) at 25°C (lm/w)	82
Watt (Nominal) (W)	54
Voltage (V)	118

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### DATA TABLE

#### General data

<b>Ordering number</b>	0002865
<b>Technology</b>	Fluorescent
<b>Average life (Nominal) (h)</b>	24000
<b>Energy class</b>	A+
<b>Lamp finish</b>	Coated
<b>Lamp shape</b>	Linear
<b>Dimmable</b>	yes
<b>Cap/Base</b>	G5
<b>Type</b>	T5 FHO Luxline Plus
<b>EAN code</b>	5410288028651
<b>Notes</b>	Electronic ballast only
<b>Product name</b>	FHO 54W/T5/840 E
<b>Lamp mercury content (mg)</b>	2.3
<b>Control gear required</b>	Yes
<b>Control gear type</b>	Electronic
<b>Fixture rating</b>	Open
<b>IEC Reference</b>	IEC 60081
<b>IEC Reference 2</b>	IEC 61195
<b>IEC Reference 3</b>	
<b>Intended purpose</b>	General lighting
<b>Special purpose lamp</b>	no
<b>Transformer required</b>	No
<b>Sales pack quantity</b>	25
<b>Rated survival factor at 2000 h</b>	0.99
<b>Rated survival factor at 4000 h</b>	0.98
<b>Rated survival factor at 6000 h</b>	0.96
<b>Rated survival factor at 8000 h</b>	0.94
<b>Rated survival factor at 12000 h</b>	0.93
<b>Rated survival factor at 16000 h</b>	0.9
<b>Rated survival factor at 20000 h</b>	0.84

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### Optical data

Light colour	840 Cool White
CRI (Ra)	82
Colour temperature (K)	4000
Luminous flux (Rated) at 25°C (lm)	4450
Luminous flux (Nominal) at 35°C (lm)	5000
Luminous flux (Nominal) at 25°C (lm)	4450
Ambient temperature for maximum luminous flux (°C)	35
Rated lumen maint. factor at 2000 h	0.97
Rated lumen maint. factor at 4000 h	0.95
Rated lumen maint. factor at 6000 h	0.93
Rated lumen maint. factor at 8000 h	0.92
Rated lumen maint. factor at 12000 h	0.91
Rated lumen maint. factor at 16000 h	0.9
Rated lumen maint. factor at 20000 h	0.88

### Electrical data

kWh per 1000 hours burning time	60
Rated lamp efficacy (lm/W) 100H at optimum temp.	82
Efficacy (Rated) at 25°C (lm/w)	82
Watt (Nominal) (W)	54
Watt (Rated) - High frequency (W)	54.2
Watt (Rated) (W)	54.2
Voltage (V)	118
Ignition voltage (V)	
Current (A)	0.46

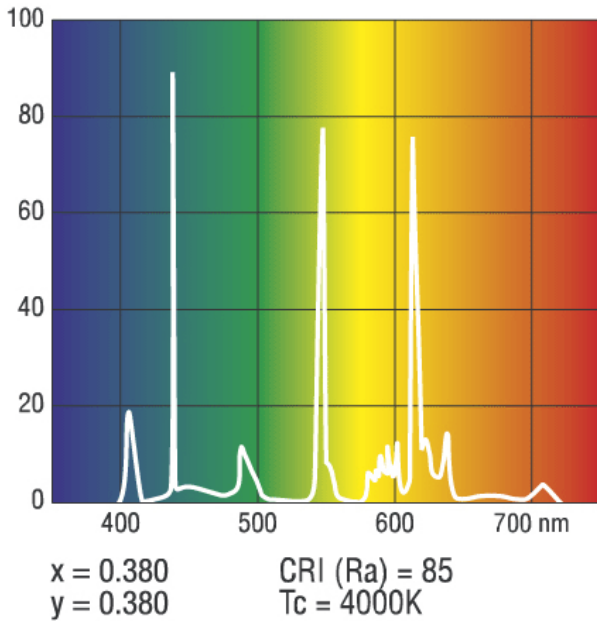
### Physical data

Weight (kg)	0.08
Length base to base (mm) - A	1149
Length base to pin Min-Max - B	1153.7-1156.1
Max overall length (mm) - C	1163.2
Max. Lamp Diameter (mm) - D	16
Diameter (mm)	16
Single packaging type	Box/Sleeve
Single package dimensions (L x W x H) (cm)	116.40 x 1.90 x 1.90
Outer package dimensions (L x W x H) (cm)	118.00 x 10.50 x 10.50

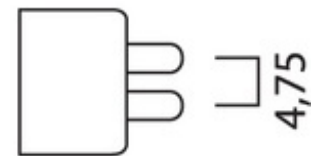
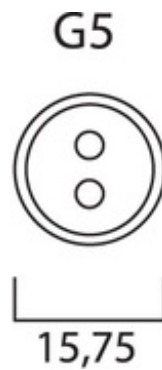
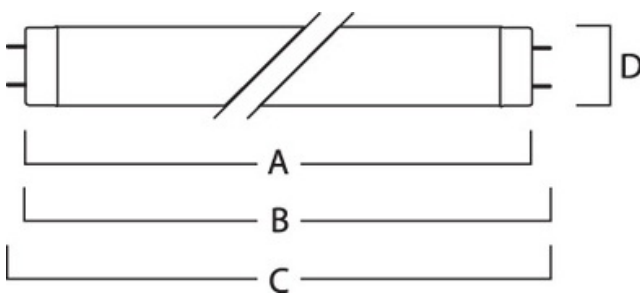
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## PHOTOMETRY



## TECHNICAL DRAWINGS



## ENERGY LABEL

