

F70W/T8/865

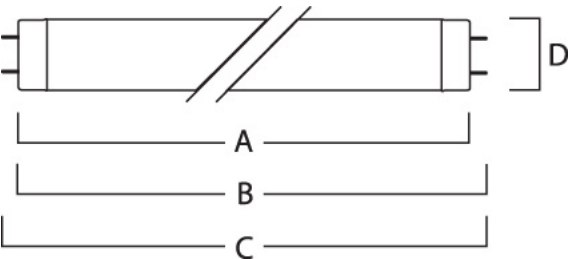
Item No: 0001095



T8 6500K fluorescent lamps

Technical Assets

Dimensions (mm)



Photometrics

General data

Product name	F70W/T8/865
Technology	Fluorescent
Lamp shape	Tube, double-ended
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	4940247

Optical data

Useful luminous flux (Φ_{use})	5800
Luminous flux (Rated) (lm)	5800
Ambient temperature for maximum luminous flux ($^{\circ}\text{C}$)	25
Correlated colour temperature (k)	6500
Light colour	Daylight
Colour Code	865
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

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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

Power consumption (W)	69.5
Wattage (W)	70.00
Current (A)	0.700
Primary Supply/Product voltage - min (V)	118.0
Primary Supply/Product voltage - max (V)	138
Control gear required	Yes
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	700
Lamp Energy Label (class)	G
kWh per 1000 hours burning time	81

Lifetime data

Average life (Nominal) (h)	20000
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)	1800.0
Nominal Product Diameter (mm)	26
Max. Length base to base (mm) - A	1763.8
Length base to pin Min-Max (mm) - B	1768.5-1770.9
Max. Lamp Length (mm) - C/L	1778.0
Max. Lamp Diameter (mm) - D	28.0
Weight (kg)	0.238

Packaging

Product EAN number	5410288010953
Packaging single length / height (cm)	177.8
Packaging single width (cm)	2.9
Packaging single depth (cm)	2.8
DUN14 (inner)	15410288010950
Units per outer package	25
Packaging outer length / height (cm)	180.5
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