

EXUN High Efficiency Fluorescent T5 Tubes



Product Overview

Kosnic's EXUN products offer a comprehensive range of compact fluorescent lamps and fluorescent tubes with premium specifications. Designed for use in commercial and industrial settings, such as offices, warehouses and supermarkets, the lamps deliver a high lumen to wattage ratio and are extremely robust and durable.

Features

- Long life of 20,000h.
- High luminous efficacy of up to 94 lm/W.
- Robust and with a long service life.
- High efficiency tri-phosphor coating with excellent colour rendering.
- Free of liquid mercury, minimising environmental impact by employing amalgam.

Safety and Maintenance

- Switch off supply before installing or removing lamp.
- Allow to cool before handling.
- Do not dispose of in household waste.
- Dispose of in appropriate section of local civic amenity site or recycling centre.
- In case of lamp breakage, see website for CFL clean-up details.

Specifications

Product Code	KFT08T5/840	KFT14T5/840	KFT21T5/840	KFT28T5/840	KFT35T5/840
Lamp Type	T5	T5	T5	T5	T5
Lamp Cap	G5	G5	G5	G5	G5
Nominal Voltage (V)	230	230	230	230	230
Nominal Power (W)	8	14	21	28	35
Rated Lamp Efficacy (lm/W)	56	86	90	93	94
Rated Luminous Flux at 25°C (lm)	450	1200	1850	2600	3300
Ambient Temperature for Maximum Luminous Flux (°C)	35	35	35	35	35
CCT (K)	4000	4000	4000	4000	4000
CRI (Ra)	>80	>80	>80	>80	>80
Rated Life (L70B50) (h)	20000	20000	20000	20000	20000
Operation Mode for Ratings	High Frequency	High Frequency	High Frequency	High Frequency	High Frequency
Lamp Lumen Maintenance Factors					
LLMF at 2000h	0.97	0.97	0.97	0.97	0.97
LLMF at 4000h	0.95	0.95	0.95	0.95	0.95
LLMF at 6000h	0.94	0.94	0.94	0.94	0.94
LLMF at 8000h	0.93	0.93	0.93	0.93	0.93
LLMF at 12000h	0.92	0.92	0.92	0.92	0.92
LLMF at 16000h	0.91	0.91	0.91	0.91	0.91
LLMF at 20000h	0.89	0.89	0.89	0.89	0.89
Lamp Survival Factors					
LSF at 2000h	0.99	0.99	0.99	0.99	0.99
LSF at 4000h	0.99	0.99	0.99	0.99	0.99
LSF at 6000h	0.99	0.99	0.99	0.99	0.99
LSF at 8000h	0.99	0.99	0.99	0.99	0.99
LSF at 12000h	0.99	0.99	0.99	0.99	0.99
LSF at 16000h	0.97	0.97	0.97	0.97	0.97
LSF at 20000h	0.85	0.85	0.85	0.85	0.85
Size and Materials					
Length Excluding Pins (mm)	288	549	849	1149	1449
Diameter (mm)	16	16	16	16	16
Mercury (mg)	2.7	2.7	2.7	2.7	2.7

Energy Label

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT08T5/840	KFT14T5/840	KFT21T5/840	KFT28T5/840	KFT35T5/840
Energy Class	A	A+	A+	A+	A+
Energy Consumption (kWh/1000h)	9	16	24	31	39

Product Markings

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT08T5/840	KFT14T5/840	KFT21T5/840	KFT28T5/840	KFT35T5/840
Nominal Power (W)	8	14	21	28	35
CCT (K)	4000	4000	4000	4000	4000
CE Mark	Yes	Yes	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes	Yes	Yes