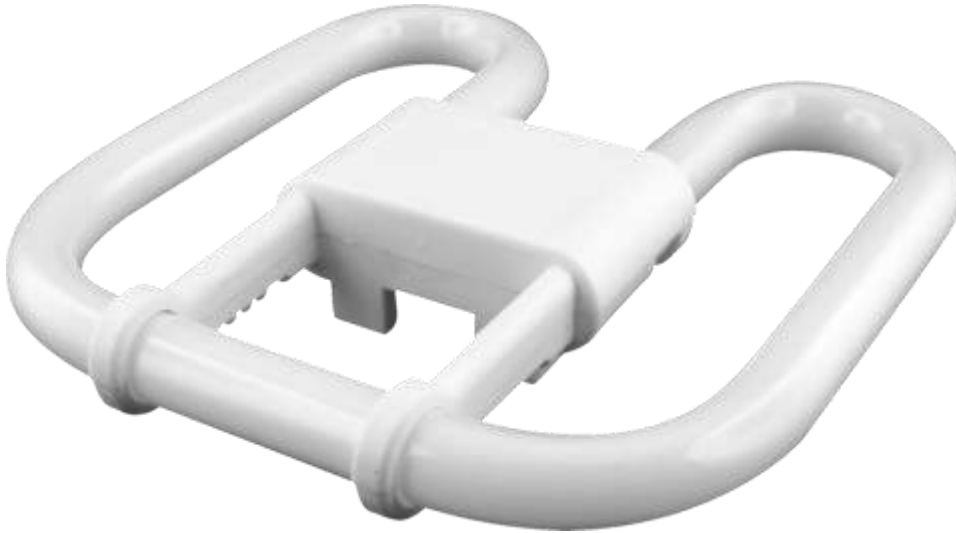


EXUN Fluorescent DD Lamps



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 12,000h.
- High luminous efficacy of up to 73lm/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 16W 2-pin

Product Code	KFT16STD/2p-827	KFT16STD/2p-835	KFT16STD/2p-840	KFT16STD/2p-865
Lamp Type	DD	DD	DD	DD
Lamp Cap	GR8 (2 pin)	GR8 (2 pin)	GR8 (2 pin)	GR8 (2 pin)
Nominal Voltage (V)	230	230	230	230
Nominal Power (W)	16	16	16	16
Rated Lamp Efficacy (lm/W)	66	66	66	60
Rated Luminous Flux at 25°C (lm)	1050	1050	1050	1050
Ambient Temperature for Maximum Luminous Flux (°C)	25	25	25	25
CCT (K)	2700	3500	4000	6500
CRI (Ra)	>80	>80	>80	>80
Rated Life (L70B50) (h)	12000	12000	12000	12000
Operation Mode for Ratings	50Hz	50Hz	50Hz	50Hz

Lamp Lumen Maintenance Factors

LLMF at 2000h	0.85	0.85	0.85	0.85
LLMF at 4000h	0.80	0.80	0.80	0.80
LLMF at 6000h	0.79	0.79	0.79	0.79
LLMF at 8000h	0.78	0.78	0.78	0.78
LLMF at 12000h	0.70	0.70	0.70	0.70
LLMF at 16000h				
LLMF at 20000h				

Lamp Survival Factors

LSF at 2000h	0.99	0.99	0.99	0.99
LSF at 4000h	0.94	0.94	0.94	0.94
LSF at 6000h	0.84	0.84	0.84	0.84
LSF at 8000h	0.69	0.69	0.69	0.69
LSF at 12000h	0.50	0.50	0.50	0.50
LSF at 16000h				
LSF at 20000h				

Size and Materials

Length (mm)	140	140	140	140
Width (mm)	138	138	138	138
Mercury (mg)	2.7	2.7	2.7	2.7

Energy Label 16W 2-pin

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT16STD/2p-827	KFT16STD/2p-835	KFT16STD/2p-840	KFT16STD/2p-865
Energy Class	B	B	B	B
Energy Consumption (kWh/1000h)	20	20	20	20

Product Markings 16W 2-pin

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT16STD/2p-827	KFT16STD/2p-835	KFT16STD/2p-840	KFT16STD/2p-865
Nominal Power (W)	16	16	16	16
CCT (K)	2700	3500	4000	6500
CE Mark	Yes	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes	Yes

Specifications 16W 4-pin

Product Code	KFT16STD/4p-827	KFT16STD/4p-835
Lamp Type	DD	DD
Lamp Cap	GR10q (4 pin)	GR10q (4 pin)
Nominal Voltage (V)	230	230
Nominal Power (W)	16	16
Rated Lamp Efficacy (lm/W)	66	66
Rated Luminous Flux at 25°C (lm)	1050	1050
Ambient Temperature for Maximum Luminous Flux (°C)	25	25
CCT (K)	2700	3500
CRI (Ra)	>80	>80
Rated Life (L70B50) (h)	12000	12000
Operation Mode for Ratings	50Hz	50Hz
Lamp Lumen Maintenance Factors		
LLMF at 2000h	0.85	0.85
LLMF at 4000h	0.80	0.80
LLMF at 6000h	0.79	0.79
LLMF at 8000h	0.78	0.78
LLMF at 12000h	0.70	0.70
LLMF at 16000h		
LLMF at 20000h		
Lamp Survival Factors		
LSF at 2000h	0.99	0.99
LSF at 4000h	0.94	0.94
LSF at 6000h	0.84	0.84
LSF at 8000h	0.69	0.69
LSF at 12000h	0.50	0.50
LSF at 16000h		
LSF at 20000h		
Size and Materials		
Length (mm)	140	140
Width (mm)	138	138
Mercury (mg)	2.7	2.7

Energy Label 16W 4-pin

Manufacturer	Kosnic	Kosnic
Product Code	KFT16STD/4p-827	KFT16STD/4p-835
Energy Class	A	A
Energy Consumption (kWh/1000h)	18	18

Product Markings 16W 4-pin

Manufacturer	Kosnic	Kosnic
Product Code	KFT16STD/4p-827	KFT16STD/4p-835
Nominal Power (W)	16	16
CCT (K)	2700	3500
CE Mark	Yes	Yes
WEEE Mark	Yes	Yes
Batch Code	Yes	Yes

Specifications 21W 4-pin

Product Code	KFT21STD/4p-835
Lamp Type	DD
Lamp Cap	GR10q (4 pin)
Nominal Voltage (V)	230
Nominal Power (W)	21
Rated Lamp Efficacy (lm/W)	64
Rated Luminous Flux at 25°C (lm)	1350
Ambient Temperature for Maximum Luminous Flux (°C)	25
CCT (K)	3500
CRI (Ra)	>80
Rated Life (L70B50) (h)	12000
Operation Mode for Ratings	50Hz
Lamp Lumen Maintenance Factors	
LLMF at 2000h	0.85
LLMF at 4000h	0.80
LLMF at 6000h	0.79
LLMF at 8000h	0.78
LLMF at 12000h	0.70
LLMF at 16000h	
LLMF at 20000h	
Lamp Survival Factors	
LSF at 2000h	0.99
LSF at 4000h	0.94
LSF at 6000h	0.84
LSF at 8000h	0.69
LSF at 12000h	0.50
LSF at 16000h	
LSF at 20000h	
Size and Materials	
Length (mm)	140
Width (mm)	138
Mercury (mg)	2.7

Energy Label 21W 4-pin

Manufacturer	Kosnic
Product Code	KFT21STD/4p-835
Energy Class	A
Energy Consumption (kWh/1000h)	24

Product Markings 21W 4-pin

Manufacturer	Kosnic
Product Code	KFT21STD/4p-835
Nominal Power (W)	21
CCT (K)	3500
CE Mark	Yes
WEEE Mark	Yes
Batch Code	Yes

Specifications 28W 2-pin

Product Code	KFT28STD/2p-827	KFT28STD/2p-835	KFT28STD/2p-865
Lamp Type	DD	DD	DD
Lamp Cap	GR8 (2 pin)	GR8 (2 pin)	GR8 (2 pin)
Nominal Voltage (V)	230	230	230
Nominal Power (W)	28	28	28
Rated Lamp Efficacy (lm/W)	73	73	66
Rated Luminous Flux at 25°C (lm)	2050	2050	2050
Ambient Temperature for Maximum Luminous Flux (°C)	25	25	25
CCT (K)	2700	3500	6500
CRI (Ra)	>80	>80	>80
Rated Life (L70B50) (h)	12000	12000	12000
Operation Mode for Ratings	50Hz	50Hz	50Hz
Lamp Lumen Maintenance Factors			
LLMF at 2000h	0.85	0.85	0.85
LLMF at 4000h	0.80	0.80	0.80
LLMF at 6000h	0.79	0.79	0.79
LLMF at 8000h	0.78	0.78	0.78
LLMF at 12000h	0.70	0.70	0.70
LLMF at 16000h			
LLMF at 20000h			
Lamp Survival Factors			
LSF at 2000h	0.99	0.99	0.99
LSF at 4000h	0.94	0.94	0.94
LSF at 6000h	0.84	0.84	0.84
LSF at 8000h	0.69	0.69	0.69
LSF at 12000h	0.50	0.50	0.50
LSF at 16000h			
LSF at 20000h			
Size and Materials			
Length (mm)	200	200	200
Width (mm)	198	198	198
Mercury (mg)	3.5	3.5	3.5

Energy Label 28W 2-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT28STD/2p-827	KFT28STD/2p-835	KFT28STD/2p-865
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	34	34	34

Product Markings 28W 2-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT28STD/2p-827	KFT28STD/2p-835	KFT28STD/2p-865
Nominal Power (W)	28	28	28
CCT (K)	2700	3500	6500
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

Specifications 28W 4-pin

Product Code	KFT28STD/4p-827	KFT28STD/4p-835	KFT28STD/4p-840	KFT28STD/4p-865
Lamp Type	DD	DD	DD	DD
Lamp Cap	GR10q (4 pin)	GR10q (4 pin)	GR10q (4 pin)	GR10q (4 pin)
Nominal Voltage (V)	230	230	230	230
Nominal Power (W)	28	28	28	28
Rated Lamp Efficacy (lm/W)	73	73	73	66
Rated Luminous Flux at 25°C (lm)	2050	2050	2050	2050
Ambient Temperature for Maximum Luminous Flux (°C)	25	25	25	25
CCT (K)	2700	3500	4000	6500
CRI (Ra)	>80	>80	>80	>80
Rated Life (L70B50) (h)	12000	12000	12000	12000
Operation Mode for Ratings	50Hz	50Hz	50Hz	50Hz
Lamp Lumen Maintenance Factors				
LLMF at 2000h	0.85	0.85	0.85	0.85
LLMF at 4000h	0.80	0.80	0.80	0.80
LLMF at 6000h	0.79	0.79	0.79	0.79
LLMF at 8000h	0.78	0.78	0.78	0.78
LLMF at 12000h	0.70	0.70	0.70	0.70
LLMF at 16000h				
LLMF at 20000h				
Lamp Survival Factors				
LSF at 2000h	0.99	0.99	0.99	0.99
LSF at 4000h	0.94	0.94	0.94	0.94
LSF at 6000h	0.84	0.84	0.84	0.84
LSF at 8000h	0.69	0.69	0.69	0.69
LSF at 12000h	0.50	0.50	0.50	0.50
LSF at 16000h				
LSF at 20000h				
Size and Materials				
Length (mm)	200	200	200	200
Width (mm)	198	198	198	198
Mercury (mg)	3.5	3.5	3.5	3.5

Energy Label 28W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT28STD/4p-827	KFT28STD/4p-835	KFT28STD/4p-840	KFT28STD/4p-865
Energy Class	A	A	A	A
Energy Consumption (kWh/1000h)	31	31	31	31

Product Markings 28W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic	Kosnic
Product Code	KFT28STD/4p-827	KFT28STD/4p-835	KFT28STD/4p-840	KFT28STD/4p-865
Nominal Power (W)	28	28	28	28
CCT (K)	2700	3500	4000	6500
CE Mark	Yes	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes	Yes

Specifications 38W 4-pin

Product Code	KFT38STD/4p-827	KFT38STD/4p-835	KFT38STD/4p-840
Lamp Type	DD	DD	DD
Lamp Cap	GR10q (4 pin)	GR10q (4 pin)	GR10q (4 pin)
Nominal Voltage (V)	230	230	230
Nominal Power (W)	38	38	38
Rated Lamp Efficacy (lm/W)	71	71	71
Rated Luminous Flux at 25°C (lm)	2850	2850	2850
Ambient Temperature for Maximum Luminous Flux (°C)	25	25	25
CCT (K)	2700	3500	4000
CRI (Ra)	>80	>80	>80
Rated Life (L70B50) (h)	12000	12000	12000
Operation Mode for Ratings	50Hz	50Hz	50Hz
Lamp Lumen Maintenance Factors			
LLMF at 2000h	0.85	0.85	0.85
LLMF at 4000h	0.80	0.80	0.80
LLMF at 6000h	0.79	0.79	0.79
LLMF at 8000h	0.78	0.78	0.78
LLMF at 12000h	0.70	0.70	0.70
LLMF at 16000h			
LLMF at 20000h			
Lamp Survival Factors			
LSF at 2000h	0.99	0.99	0.99
LSF at 4000h	0.94	0.94	0.94
LSF at 6000h	0.84	0.84	0.84
LSF at 8000h	0.69	0.69	0.69
LSF at 12000h	0.50	0.50	0.50
LSF at 16000h			
LSF at 20000h			
Size and Materials			
Length (mm)	200	200	200
Width (mm)	198	198	198
Mercury (mg)	3.5	3.5	3.5

Energy Label 38W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT38STD/4p-827	KFT38STD/4p-835	KFT38STD/4p-840
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	42	42	42

Product Markings 38W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT38STD/4p-827	KFT38STD/4p-835	KFT38STD/4p-840
Nominal Power (W)	38	38	38
CCT (K)	2700	3500	4000
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

Specifications 55W 4-pin

Product Code	KFT55STD/4p-827	KFT55STD/4p-835	KFT55STD/4p-840
Lamp Type	DD	DD	DD
Lamp Cap	GR10q (4 pin)	GR10q (4 pin)	GR10q (4 pin)
Nominal Voltage (V)	230	230	230
Nominal Power (W)	55	55	55
Rated Lamp Efficacy (lm/W)	71	71	71
Rated Luminous Flux at 25°C (lm)	3900	3900	3900
Ambient Temperature for Maximum Luminous Flux (°C)	25	25	25
CCT (K)	2700	3500	4000
CRI (Ra)	>80	>80	>80
Rated Life (L70B50) (h)	12000	12000	12000
Operation Mode for Ratings	High Frequency	High Frequency	High Frequency
Lamp Lumen Maintenance Factors			
LLMF at 2000h	0.90	0.90	0.90
LLMF at 4000h	0.84	0.84	0.84
LLMF at 6000h	0.83	0.83	0.83
LLMF at 8000h	0.81	0.81	0.81
LLMF at 12000h	0.70	0.70	0.70
LLMF at 16000h			
LLMF at 20000h			
Lamp Survival Factors			
LSF at 2000h	0.99	0.99	0.99
LSF at 4000h	0.98	0.98	0.98
LSF at 6000h	0.94	0.94	0.94
LSF at 8000h	0.88	0.88	0.88
LSF at 12000h	0.50	0.50	0.50
LSF at 16000h			
LSF at 20000h			
Size and Materials			
Length (mm)	200	200	200
Width (mm)	198	198	198
Mercury (mg)	3.5	3.5	3.5

Energy Label 55W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT55STD/4p-827	KFT55STD/4p-835	KFT55STD/4p-840
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	61	61	61

Product Markings 55W 4-pin

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	KFT55STD/4p-827	KFT55STD/4p-835	KFT55STD/4p-840
Nominal Power (W)	55	55	55
CCT (K)	2700	3500	4000
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes