



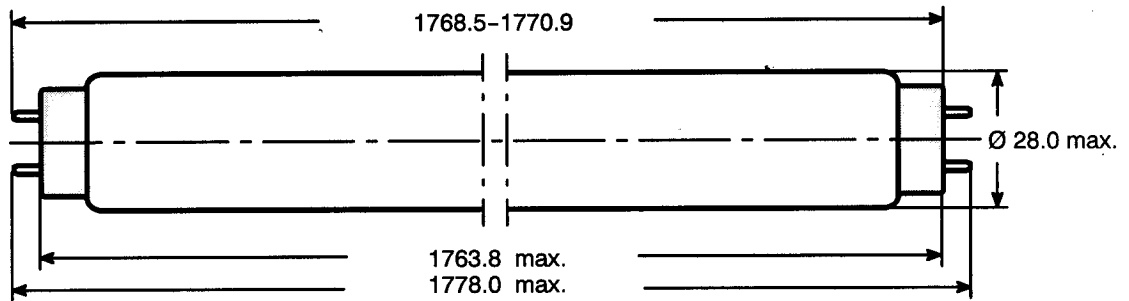
FLUORESCENT LAMP

F70W/T8
50 Hz-Operation



DIMENSIONS (mm) :

Nominal dimensions: 1800 x 26



Cap: G13 (IEC61-1 sheet 7004-51-7)

ELECTRICAL DATA

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(Hz) :	50		
Lamp nominal wattage	(W) :	70		
Lamp rated wattage	(W) :	69.5	65.5	73.5
Lamp operating voltage	(V) :	128.0	118.0	138.0
Lamp current	(mA) :	700		
Preheat current	(mA) :	1000	590	

OPERATING CONDITIONS

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Cap rim temperature	(°C) :			140
Lamp ambient temperature	(°C) :		-20	
Ballast impedance	(Ω/V) :	240/240		
Burning position	:	any		

LAMP LIFE *

Average life (50% failure rate)	(h) :	14 000
Individual life	(h) :	6 000

LUXLINE plus COLOURS

Average life (50% failure rate)	(h) :	20 000
Individual life	(h) :	10 000

ATTENTION:

Lamps comply with the requirements of IEC/EN 60081 and IEC/EN 61195, respectively.
Starter and ballast must comply with IEC/EN 60155 and IEC/EN 60921, respectively.
* Life test according to IEC/EN 60081, Annex C.

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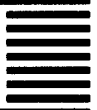
DATA SHEET

Specification No.: 5117 D
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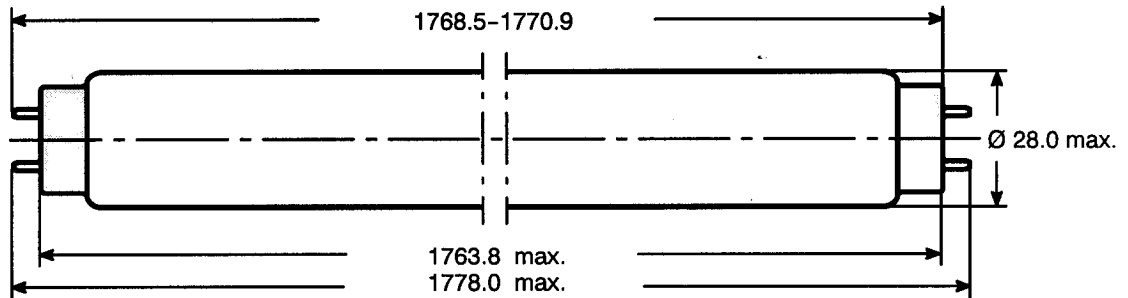
FLUORESCENT LAMP

F70W/T8
HF-Operation



DIMENSIONS (mm) :

Nominal dimensions: 1800 x 26



Cap: G13 (IEC61-1 sheet 7004-51-7)

ELECTRICAL DATA

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(kHz) :		20	
Lamp wattage	(W) :	60		
Lamp operating voltage	(V) :	129		
Lamp current	(mA) :	470		
Current in any lead to cathodes	(mA) :			1160
<u>Current controlled preheating:</u>				
Preheat current at $\leq 0.4s$	(mA) :		1470	
Preheat current at $\geq 2.0s$	(mA) :		750	
Cathode substitution resistor	(Ω) :	10.0		

OPERATING CONDITIONS

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Ballast type	:	electronic		
Cap rim temperature	($^{\circ}C$) :			140
Lamp ambient temperature	($^{\circ}C$) :		-20	
Burning position	:	any		

LAMP LIFE *

Average life (50% failure rate) **	(h) :	14 000
Individual life	(h) :	6 000

LUXLINE plus COLOURS

Average life (50% failure rate) **	(h) :	20 000
Individual life	(h) :	10 000

ATTENTION:

Lamps comply with the requirements of IEC/EN 60081 and IEC/EN 61195, respectively.

The electronic ballast for lamp operation must comply with IEC/EN 60929.

* Life test according to IEC/EN 60081, Annex C.

** For increased lamp life at HF operation and dimming operation refer to published data of ballast manufacturer.

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PHOTOMETRIC DATA:

COLOUR	No.	Luminous Flux* Nominal value (lm)	CRI (Group)	Colour Temperature (K)	ILCOS-Code
LUXLINE plus COLOURS					
HOMELIGHT DELUXE	827	6000	1B	2700	FD-70/27/1B-E-G13-26/1800
WARM WHITE DELUXE	830	6000	1B	3000	FD-70/30/1B-E-G13-26/1800
WHITE DELUXE	835	6000	1B	3500	FD-70/35/1B-E-G13-26/1800
COOL WHITE DELUXE	840	6000	1B	4000	FD-70/40/1B-E-G13-26/1800
DAYLIGHT DELUXE	860	5700	1B	6000	FD-70/60/1B-E-G13-26/1800
STANDARD COLOURS					
WARM WHITE	129	5800	3	3000	FD-70/30/3-E-G13-26/1800
COOL WHITE	133	5700	2B	4300	FD-70/43/2B-E-G13-26/1800
WHITE	135	5800	3	3500	FD-70/35/3-E-G13-26/1800
SPECIAL COLOURS					
ACTIVA	172	4600	1A	6500	FD-70/65/1A-E-G13-26/1800
GOURMET	175	2800	1B	3700	FD-70/37/1B-E-G13-26/1800

ATTENTION: If lamps are operated at high frequency, the luminous flux depends on the type of ballast used.
* At 50 Hz operation, lamp aged for 100h.

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