

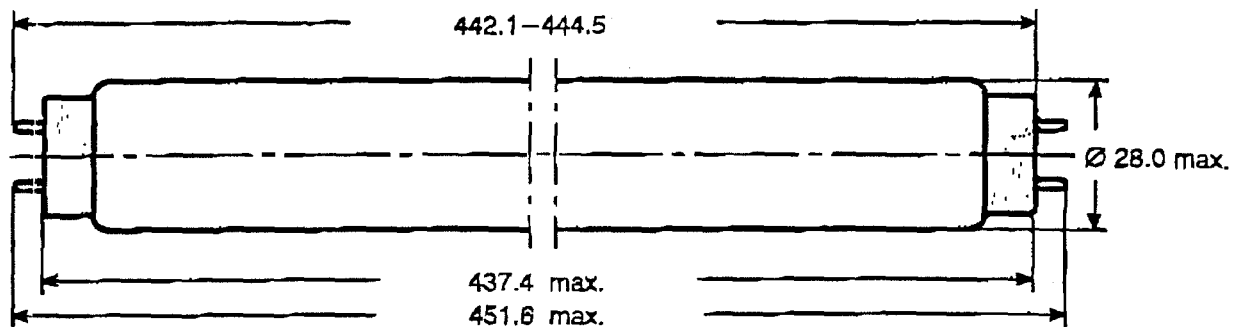
FLUORESCENT LAMP

F15W/T8

50 Hz-Operation

DIMENSIONS (mm) :

Nominal dimensions: 450 x 26



Cap: G13 (IEC 61-1 sheet 7004-51-7)

ELECTRICAL DATA

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(Hz) :	50		
Lamp nominal wattage	(W) :	15		
Lamp rated wattage	single operation (W) :	15.0	13.8	16.2
	series operation (W) :	32		
Lamp operating voltage	(r.m.s.) (V) :	55.0	46.0	64.0
Lamp current	single operation (mA) :	310		
	series operation (mA) :			360
Preheat current	single operation (mA) :	440	333	650
	series operation (mA) :			650

OPERATING CONDITIONS

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Lamp ambient temperature	(°C) :		-20	
Cap rim temperature	(°C) :			125
Ballast	single operation (Ω/V) :	590/220, 621/230, 660/240		
	series operation (Ω/V) :	480/220, 510/230, 540/240		
Starter	single operation :	FS-11, FS-22, COP-22		
	series operation :	FS-22, COP-22		
Burning position	:	any		

LAMP LIFE *

Average life (50% failure rate)	(h) :	14 000
Individual life	(h) :	6000

ATTENTION:

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

Starter and ballast must comply with EN 60155 and EN 60921, respectively.

* Life test according to EN 60081, Annex C.1.

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DATA SHEET

Specification No.: 3688 G
Supersedes : 3688 F 31.01.96
Page 1 of 3

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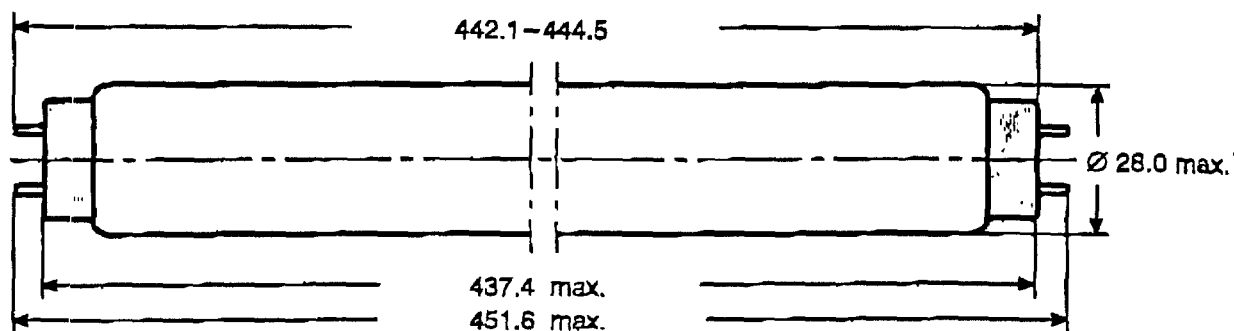
FLUORESCENT LAMP

F15W/T8

HF-Operation

**DIMENSIONS (mm) :**

Nominal dimensions: 450 x 26



Cap: G13 (IEC 61-1 sheet 7004-51-7)

ELECTRICAL DATA

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(kHz) :		20	
Lamp wattage	(W) :	13.5		
Lamp operating voltage	(V) :	45		
Lamp current	(mA) :	310		
<u>Current controlled preheating:</u>				
Preheat current at $\leq 0.4s$	(mA) :		630	1400
Preheat current at $\geq 2.0s$	(mA) :		360	680
Cathode substitution resistor	(Ω) :	12.5		

OPERATING CONDITIONS

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Ballast type	:	electronic		
Cap rim temperature	(°C) :			125
Lamp ambient temperature	(°C) :		-20	
Burning position	:	any		

LAMP LIFE *

Average life (50% failure rate) **	(h) :	14 000
Individual life	(h) :	6000

ATTENTION:

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

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

* Life test according to EN 60081, Annex C.1.

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

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Page 2 of 3

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FLUORESCENT LAMP

F15W/T8



PHOTOMETRIC DATA:

COLOUR	Colour	No.	Luminous Flux * Nominal value (lm)	CRI (Class)	Colour Temperature (K)	ILCOS-Code
LUXLINE PLUS Colours						
HOMELIGHT DELUXE		827	950	1B	2700	FD-15/27/1B-E-G13-26/450
WARM WHITE DELUXE		830	950	1B	3000	FD-15/30/1B-E-G13-26/450
COOL WHITE DELUXE		840	950	1B	4000	FD-15/40/1B-E-G13-26/450
DAYLIGHT DELUXE		860	900	1B	6000	FD-15/60/1B-E-G13-26/450
STANDARD Colours						
WARM WHITE		129	900	3	3000	FD-15/30/3-E-G13-26/450
COOL WHITE		133	900	2B	4300	FD-15/43/2B-E-G13-26/450
WHITE		135	900	3	3500	FD-15/35/3-E-G13-26/450
DAYLIGHT		154	750	2A	6500	FD-15/65/2A-E-G13-26/450
DAYLIGHT PLUS		155	750	1B	5200	FD-15/52/1B-E-G13-26/450
SPECIAL Colours						
AQUASTAR		174	650	3	10000	FD-15/100/3-E-G13-26/450
GRO LUX	GRO		not for general lighting purposes			
BLACKLIGHT	BL 350		not for general lighting purposes			
PHASE-OUT Colours						
WARM WHITE DELUXE		132	620	2A	3000	FD-15/30/2A-E-G13-26/450
PROFESSIONAL ACTIVA		172	700	1A	6500	FD-15/65/1A-E-G13-26/450
PROFESSIONAL GOURMET		175	350	1B	3700	FD-15/37/1B-E-G13-26/450

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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Page 3 of 3

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