



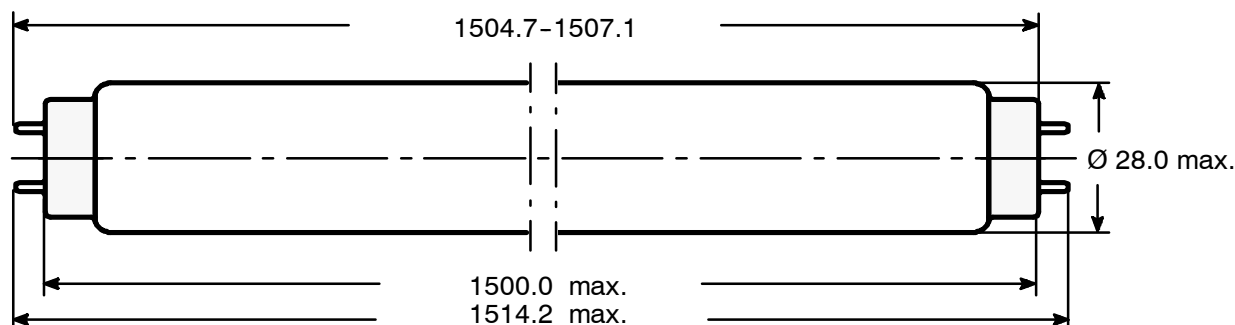
FLUORESCENT LAMP

F58W/T8
50 Hz-Operation



DIMENSIONS (mm) :

Nominal dimensions: 1500 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) :	58		
Lamp rated wattage	(W) :	58.0	54.6	61.4
Lamp operating voltage	(V) :	110.0	100.0	120.0
Lamp current	(mA) :	670		
Preheat current	(mA) :	1000	603	

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) :	240/220, 265/230, 280/240		
Starter	:	FS-11, COP-11		
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.

Issued by : SLI Lichtsysteme
Date :
Revision Date :

DATA SHEET

Specification No.: 4514 H
Supersedes : 4515 G
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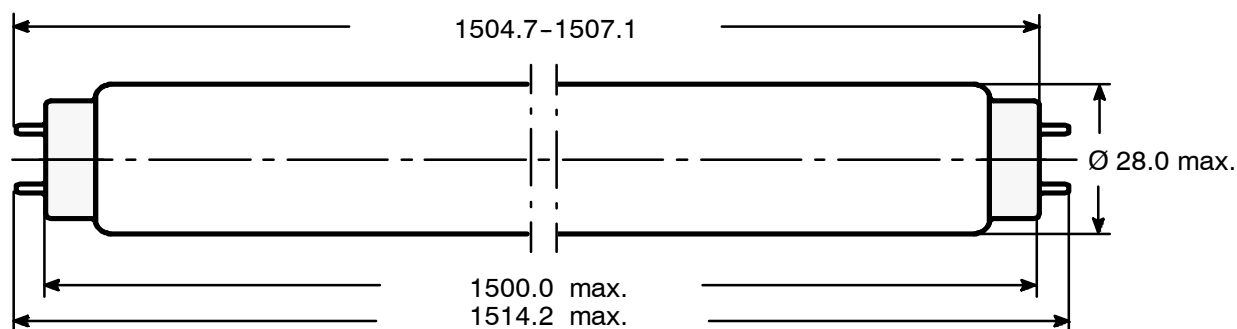
FLUORESCENT LAMP

F58W/T8

HF-Operation

**DIMENSIONS (mm) :**

Nominal dimensions: 1500 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) :	50		
Lamp operating voltage	(V) :	111		
Lamp current	(mA) :	455		
Current in any lead to cathodes	(mA) :			1100
<u>Current controlled preheating:</u>				
Preheat current at $\leq 0.4s$	(mA) :		1050	
Preheat current at $\geq 2.0s$	(mA) :		560	
Cathode substitution resistor	(Ω) :	8.0		

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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DATA SHEET

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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	5200	1B	2700	FD-58/27/1B-E-G13-26/1500
WARM WHITE DELUXE	830	5200	1B	3000	FD-58/30/1B-E-G13-26/1500
WHITE DELUXE	835	5200	1B	3500	FD-58/35/1B-E-G13-26/1500
COOL WHITE DELUXE	840	5200	1B	4000	FD-58/40/1B-E-G13-26/1500
DAYLIGHT DELUXE	850	5000	1B	5000	FD-58/50/1B-E-G13-26/1500
DAYLIGHT DELUXE	860	5000	1B	6000	FD-58/60/1B-E-G13-26/1500
STANDARD COLOURS					
UNIVERSAL WHITE	125	4100	2A	4000	FD-58/40/2A-E-G13-26/1500
WARM WHITE	129	4600	3	3000	FD-58/30/3-E-G13-26/1500
COOL WHITE	133	4600	2B	4300	FD-58/43/2B-E-G13-26/1500
WHITE	135	4600	3	3500	FD-58/35/3-E-G13-26/1500
DAYLIGHT	154	4000	2A	6500	FD-58/65/2A-E-G13-26/1500
SPECIAL COLOURS					
ACTIVA	172	3700	1A	6500	FD-58/65/1A-E-G13-26/1500
GOURMET	175	2400	1B	3700	FD-58/37/1B-E-G13-26/1500
BRITE GRO	942	2900	1A	4100	FD-58/41/1A-E-G13-26/1500
GRO-LUX	GRO	—	—	—	not for general lighting purposes
PHASE-OUT COLOURS					
WARM WHITE	229	4800	2B	3000	FD-58/30/2B-E-G13-26/1500
COOL WHITE	233	4800	2A	4100	FD-58/41/2A-E-G13-26/1500

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.