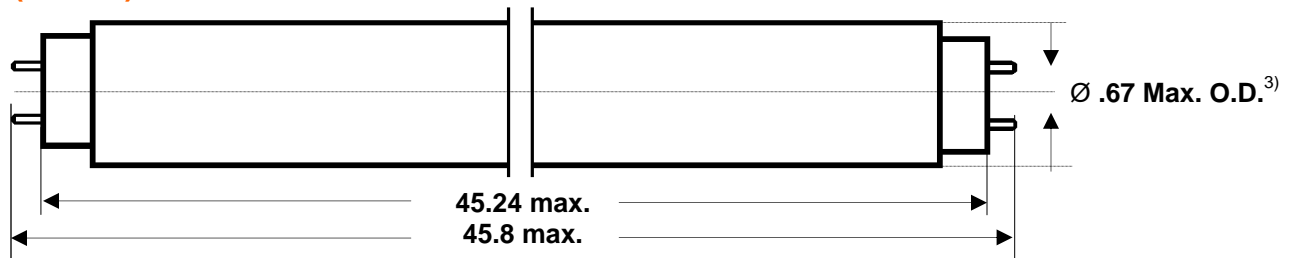


Dimensions - (inches)



Base: G5 (IEC61 – 1 sheet 7004-52-5)

³⁾ The maximum measure for the diameter includes out of round of the bulb and eccentricity versus the lamp axis.

Technical Information

ELECTRICAL DATA

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(kHz):		20	
Lamp nominal wattage	(W):	54		
Lamp rated wattage	(W):	53.8	50.6	57.0
Lamp operating voltage	(V):	118.0	108.0	128.0
Lamp current	(mA):	460		

CATHODE CHARACTERISTICS

Test current	(mA):	500		
Resistance of each cathode	(Ω):	8.0	6.0	10.0

OPERATING CONDITIONS

Ballast type	:	electronic		
Base rim temperature	(C):			120
Lamp ambient temperature	(C):		-15	50
Burning position		horizontal or vertical, stamped side down		

LAMP LIFE *

Average life (50% failure)	(h):	24,000
12 Hours Start	(h):	30,000
Minimum individual life	(h):	12,000

Ordering Information

<u>Order Code</u>	<u>Lamp Description</u>	<u>Rated Life (hours)</u>	<u>Initial Lumen ⁽²⁾</u>	<u>Initial Lumen ⁽¹⁾</u>	<u>Kelvin Temp</u>	<u>CRI</u>
00809	F54T5/830/HO	24,000	5000	4740	3000	85
00810	F54T5/835/HO	24,000	5000	4740	3500	85
00811	F54T5/841/HO	24,000	5000	4740	4100	85
00812	F54T5/850/HO	24,000	5000	4740	5000	85
00839	F54T5/865/HO	24,000	5000	4740	6500	85

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Replaces: August 3, 2006

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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, life-time under evaluation.

- 1) Measured after 100h at 150V, with a frequency of 25kHz, constant current and a resistance of 250Ω as reference ballast at 25C.
- 2) The maximum luminous flux under optimal conditions (33...37C) is calculated by the luminous flux at 25C at reference conditions and a factor $F = 0.91$ (maximum luminous flux = nominal luminous flux / F).

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