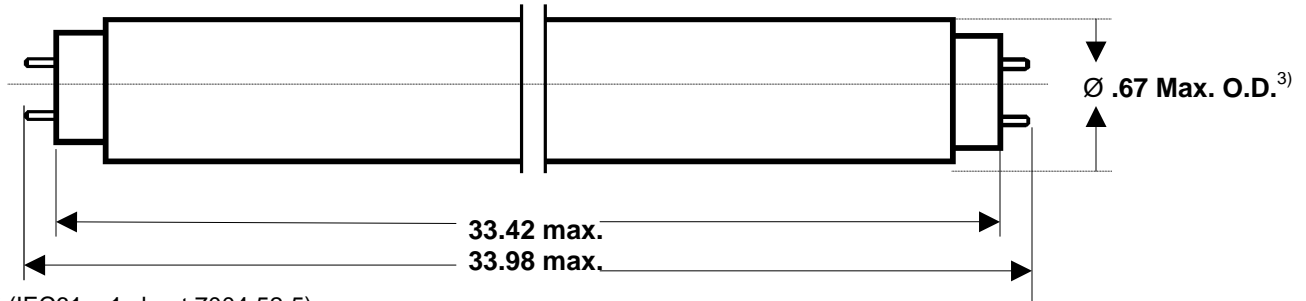


## DIMENSIONS - (INCHES)



Cap: G5 (IEC61 – 1 sheet 7004-52-5)

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

<u>ELECTRICAL DATA</u>		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	(kHz):		20	
Lamp nominal wattage	(W):	21		
Lamp rated wattage	(W):	20.7	19.2	22.2
Lamp operating voltage	(V):	123.0	113.0	133.0
Lamp current	(mA):	170		

## CATHODE CHARACTERISTICS

Test current	(mA):	160		
Resistance of each cathode	( $\Omega$ ):	40	30	50

## OPERATING CONDITIONS

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

## LAMP LIFE \*

Average life (50% failure)	(h):	20,000
Minimum individual life	(h):	12,000

## PHOTOMETRIC DATA:

COLOR	No.	Luminous Flux maximum <sup>2)</sup> (33...37 EC) (lm)	Luminous Flux nominal value <sup>1)</sup> (25EC) (lm)	CRI (group)	Color temp. (K)	ILCOS-Code
<b>LUXLINE plus COLORS</b>						
WARM WHITE DELUXE	830	2100	2000	1B	3000	FDH-21/30/L/P-G5-16/850
COOL WHITE DEUXE	840	2100	2000	1B	4000	FDH-21/40/L/P-G5-16/850
DAYLIGHT DELUXE	860	1950	1775	1B	6000	FDH-21/60/L/P-G5-16/850

**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.

<sup>1)</sup> Measured after 100h at 150V, with a frequency of 25kHz, constant current and a resistance of 250 $\Omega$  as reference ballast at 25EC.

<sup>2)</sup> The maximum luminous flux under optimal conditions (33...37EC) is calculated by the luminous flux at 25EC at reference conditions and a factor F= 0.91 (maximum luminous flux = nominal luminous flux / F).