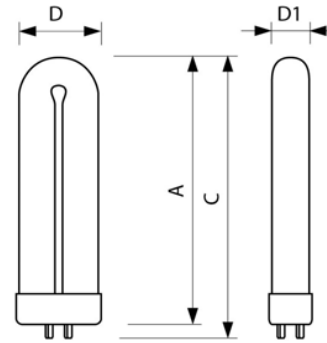


## TECHNICAL DATA SHEET PLUSLAMP UV TUBE

**DESCRIPTION:** 40W TIGHTBEND  
**PART NO.:** TVX40-TB



### Physical Characteristics

Bulb Material	Soda Lime		
Powder	Chinese phosphor		
<b>Dimensions (mm)</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>
A	304	305.5	307
C	311.1	312.6	314.1
D	--	58	--
D1	--	26	--
<b>Electrical Data</b>	<b>Nominal Value</b>	<b>Min.</b>	<b>Max.</b>
Supply Voltage	110V / 60Hz or 240V / 50Hz		
Lamp rated wattage [W]:	40.0	37.5	42.5
Lamp operating voltage [V]:	65.0	55.3	74.8
Lamp current [mA]:	480	408	552

### UV Characteristics

Peak Emission Wavelength	368 nm
UVA Irradiance @ 1m, 315~400nm, 0 hrs	107.5 $\mu\text{W}/\text{cm}^2$
UVA Irradiance @ 1m, 315~400nm, 100 hrs	96.8 $\mu\text{W}/\text{cm}^2$
Median Life	10000 hrs

### Warning

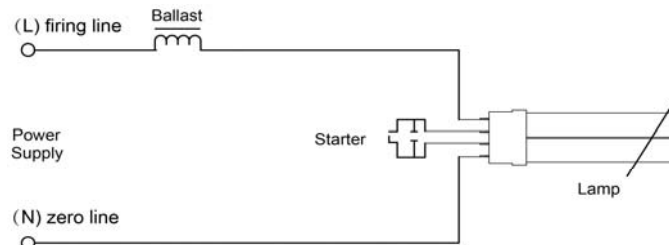
**Lamp emits UV radiation which may cause eye/skin injury. RG-1**

- Avoid exposure of eyes and skin to unshielded lamp

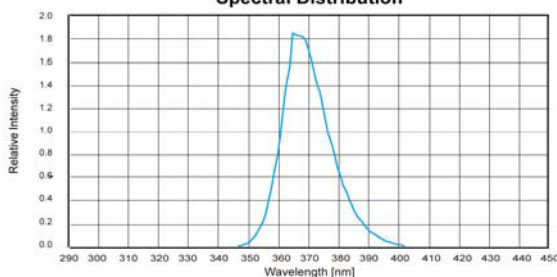
**Risk of electric shock**

- Turn power off before inspection, installation or removal

### Circuit Diagram



**Spectral Distribution**



**UV Maintenance**

