

Aruna Lighting

www.arunalighting.com



Light Emitting Diode
10W TB 230V AUV EL

Direct replacement retrofit
Low visibility
Shatter proof
Suited for electronic ballasts
High efficacy / Low operating cost
Superior life hours

Application areas:

- Insect trap

ANSI CODE/Ballast:

- EB

Product data

Physical Data/ Requirements

Base Designation	T26
Bulb Designation	UV
Bulb Diameter (mm)	26
Max Overall Length (MOL) (mm)	451.6
Light Center Length (LCL) (mm)	-
Effective Arc Length (mm)	-
Max Base Temperature (°C)	-
Max Bulb Temperature (°C)	-
Luminaire type	ENCLOSED/OPEN
Socket Pulse Rating (kV)	tbd
Socket Style	G13

Performance Data

Light Output (Lumens 100Hrs)	117
Lamp Lumens Per Watt	13.3
Mean Output (Lumens)	-
Rated Life (Hrs. 10 Hr.1Strat)	30000
Color Temperature (K)	-
Chromaticity (CIE-x/y)	0.168 , 0.176
Color Rendering Index (CRI)	-
To 90% Warm Up Time (min)	0
Hot Restart Time (min)	0
Burning Position	ALL
Radiated Power (UV-A) (W)	2.03

Electrical Data/ Requirements

Lamp Wattage (W)	10
Operating Voltage (V)	230
Operating Current (A)	-
Dimmable	no
Ballast	Electronic
Min. Open Circuit Voltage (RMS)	tbd
Min Max Starting Puls (Peak V)	tbd

Order Information

Product Code	-
Pcs/package	-
Pcs/Box	25
Name Description	LED/TB/10W/230V/AUV/EL

Environmental parameters

Mercury content	0 mg
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Lumen maintenance

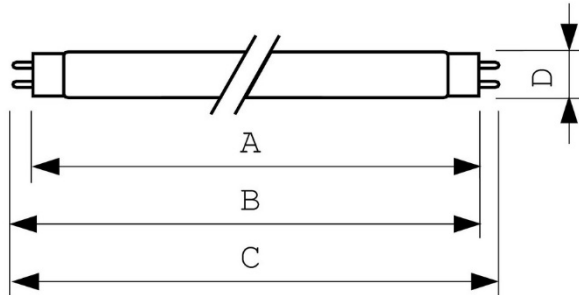
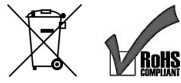
Tbd

(L70 = 30.000 hrs minimum)

Spectrum

Tbd

Line Drawing



Base Face to Base Face A
437.4 (max) mm

Insertion Length B
442.1 (min), 444.5 (max) mm

Overall Length C
451.6 (max) mm

Diameter
28 (max) mm

Warning

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation. Do not use where people will remain for more than few minutes unless adequate shielding or other safety precautions are used. Do not look directly into lit lamp.

Safety instructions

A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, seal the parts and take it to your local waste facilities for proper recycling. Do not use a vacuum cleaner.

1. Always use protective eyewear when handling the UV lamp.
2. UV light can cause skin damage, up to and including skin cancer. Use adequate shielding and/or protective clothing to prevent UV exposure to skin.
3. Do not operate lamps in excess of rated voltages of the ballast as this will increase lamp pressure and the possibility of shattering.
4. This lamp must be used only with proper circuit and auxiliary equipment and suitable ballast.
5. This lamp must be operated with a suitable fixture, ballast and igniter, which have an ANSI designation identical to the ANSI designation in this catalog.
6. Do not use this lamp in a fixture designed for less than the rated lamp wattage.
7. Failure to comply may result in poor lamp performance and possible personal injury or property damages for which the manufacturer will not be held responsible.
8. Do not scratch the glass of the bulb or subject this lamp to undue pressure as either may cause the lamp to break. Replace scratched, cracked, broken or damaged bulbs immediately.
9. The lamp should be screwed firmly, but not forcibly, into the socket to reduce the possibility of loosening due to vibration. Use of excessive force may result in lamp breakage.
10. Do not touch hot lamps with fingers, skin or any flammable material. Lamps remain hot after being turned off.
11. This lamp must be shielded from direct contact with rain, sleet, snow and other liquids to reduce the possibility of breakage. This lamp may implode if broken. Use eye protection and gloves when handling this lamp.
12. When operating this lamp, the base temperature should not exceed 210 °C for Mogul base and 190 °C for Medium base, the outer envelope should not exceed 400 °C. The recommended ambient temperature limit for this lamp is -40 °C minimum and +40 °C maximum.
13. Do not use this lamp in a location subject to vibration or shock, unless an adequate vibration-proof fixture is used.
14. Do not use this lamp in a corrosive atmosphere unless an adequate corrosion-resistant fixture is used.
15. Replace lamp at or before the end of its rated life.
16. Electrically insulate any metal support in contact with glass to reduce the possibility of decomposition of the glass.
17. Do not look directly at the lamp during operation to avoid eye inflammation from short wave ultraviolet radiation.
18. Do not paint the lamp to prevent its overheating or breakage.
19. Do not use this lamp in an ignitable atmosphere (for example gasoline, inflammable spray, thinner, lacquer, dust, etc.) to prevent a fire or explosion unless an adequate fixture is used.
20. Do not use this lamp in a powdery or dusty atmosphere in order to eliminate the overheating of the lamp unless an adequate fixture is used.
21. The radiation from this lamp may cause colored objects to fade unless an adequate fixture is used.
22. Follow all instructions in the manufacturer's catalog or on the individual box of instruction sheet.