



Aromat Corporation - Lighting Division

AID006

*Application Guidelines
for
Aromat Rotary Lampholders*

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Rev A. 11/01/98(add diagrams)

Rev B. 11/25/98 (added NZ0514U & caution note)

Rotary Lampholder Application Guidelines

- 1.0 Model Numbers: NZ0509U, NZ0510U, NZ0511U, NZ0514U
- 2.0 Product Specifications: See product specification sheet.
- 3.0 Precautions For Use: **Please review warnings and cautions listed below.**
- 3-1 This lampholder is designed for indoor fixture use and for outdoor fixture applications when the lampholder is properly enclosed.

WARNING! Do not use in applications where the lampholder is exposed directly to water or other contaminants. Electric shock or injury may result.

- 3-2 When using an electronic ballast with this lampholder, determine compatibility by evaluating all modes of operation, including normal operation, lamp -end-of-life conditions, de-activated lamp, etc.
- 3-3 Comply with the procedures indicated in the "lamp installation instruction" to ensure proper lamp and lampholder operation. OEM shall indicate to the end-user by labels or operating instructions of the strict adherence to the proper method to install and remove the lamp.

CAUTION: Improper installation may result in the lamp failing to operate or falling from the fixture.

- 3-4 Since the temperature rise depends on the fixture design and end-use application conditions, the maximum lampholder temperature must be tested, in the operations listed in 3-2.

WARNING! Do not use the lampholder in an application that the lampholder surface temperature exceeds 120°C.

4. Fixture Design Guidelines:

- 4-1 The lampholder must be secured to the fixture with (2) screws.
- 4-2 Design the fixture properly to ensure safety during lamp installation and replacement.

CAUTION: The NZ0514U lampholder is designed to accept 24, 26, 32 & 42W CFLs and shall only be used with "*constant current*" *multi-wattage* CFL ballasts!

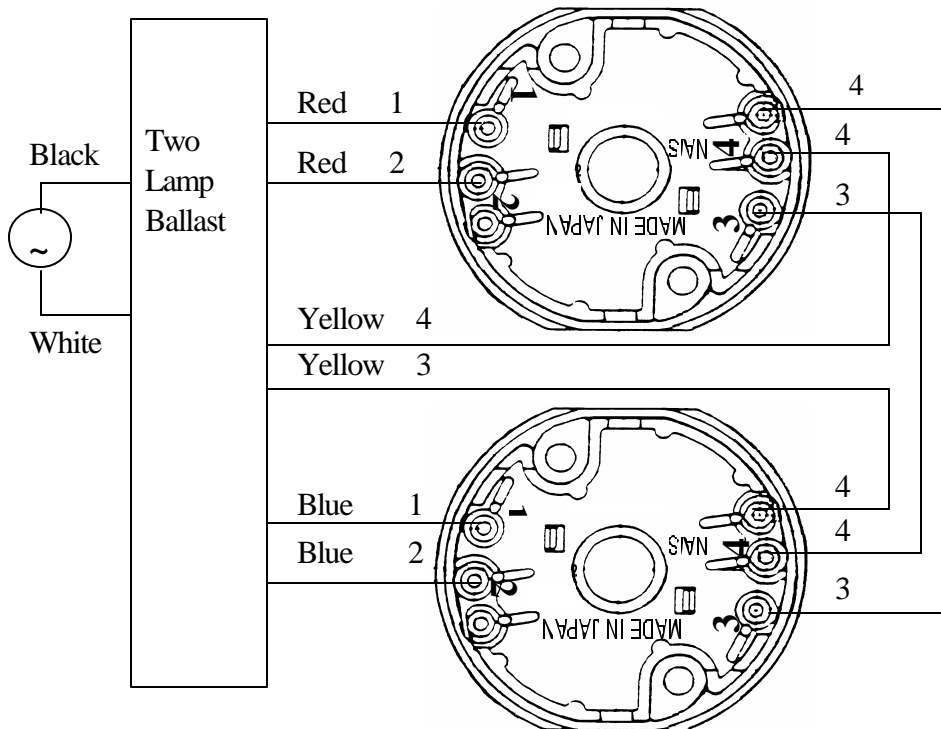
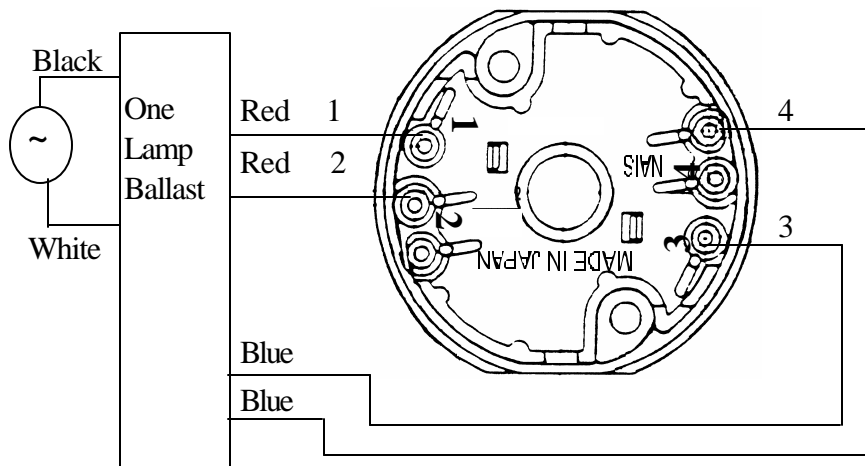
5. Fixture Assembly Guidelines:

- 5-1 To replace the lampholder, lead wires can be removed with an .8mm diameter pin.
- 5-2 Re-use of the lampholder after the wiring has been removed is absolutely forbidden, as this may result in improper terminal-to-wire contact resistances.

CAUTION: Do not reuse socket after wiring has been removed!

- 5-3 After the wire installation, check the connections by pulling on the wires using a force of approximate (4) pounds.

- 5-4 During electrical testing, incoming inspections, etc., use the “lamp-side terminations for electrical contacts. Do not insert electrical probes into the “lead-side” terminal openings as this may damage the pressure-lock terminal operation.
- 5-5 When installing the lampholders, control the screw tightening torque between (5) and (8) Kgf.cm.
- 6.0 Wiring Diagrams: The following typical one and two lamp CFL ballast wiring diagrams are exhibited for reference to show the physical connections and the use of the “jumper slot” of the rotary lampholder. However, to assure wiring is done properly, please also consult the wiring diagram of the intended ballast.



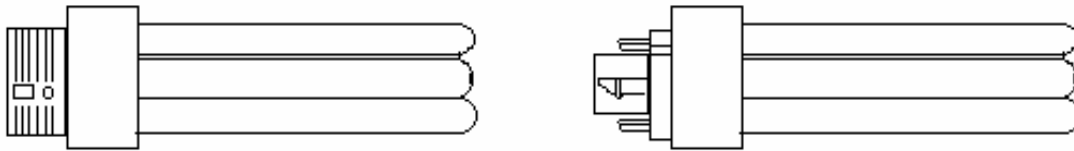
LAMP INSTALLATION & REMOVAL INSTRUCTIONS

1. Procedure for installing the lamp:

↳ Step 1: Align the lamp with the socket, insert it straight in and push the lamp until the lamp base contacts the bottom of the socket.

Press the lamp into place

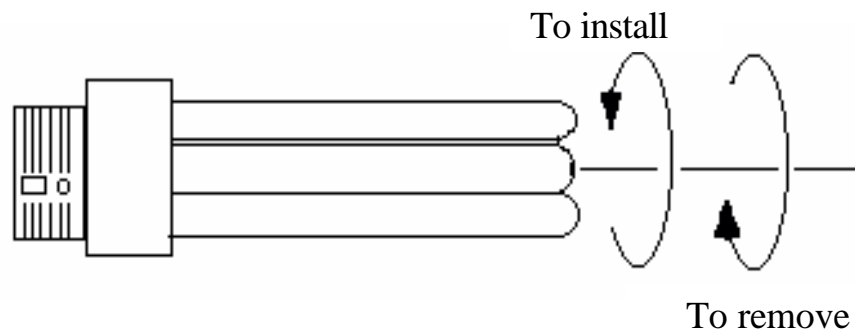
Removing the lamp



Installing the lamp

↳ Step 2: While pushing on the lamp, simultaneously rotate the lamp in the clockwise direction (viewed from the top of the lamp) until it is securely latched.

Push & turn at the same time



2. Procedure for removing lamp:

↳ Simply follow the steps for installing the lamp in reverse.