MasterColor Ceramic Metal Halide ED-17 Lamps featuring ALTO Lamp Technology provides excellent lumen maintenance and outstanding color performance over time.

Excellent Color Rendering
- 85 for 3000K; 92 for 4000K

Total Cost of Ownership Benefits
- Improved lumen maintenance over standard metal halide
- Energy-efficient alternative to incandescent/halogen lamps
- Operates on existing ballasts

FadeBlock
- Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings†

Environmentally Responsible TCLP® Compliant ALTO Lamp Technology
- Passes EPA’s TCLP test for non-hazardous waste

† This lamp is better for the environment because of its reduced mercury content. All Philips ALTO lamps give you end-of-life options which can simplify and reduce your lamp disposal costs depending on your state and local regulations.

* The EPA’s TCLP test is used to determine if an item can be managed as hazardous or non-hazardous waste. Philips ALTO and ALTO II lamps are TCLP Compliant and can be managed as non-hazardous waste.

1) Available only on protected ED-17P lamps.
WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation or from direct exposure. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21CFR 1040.30 Canada:SOR/DORS/80-381)

1) Rated average life is the life obtained on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start.

2) Measured at 100 hours of life in a vertical operating position.

3) Approximate mean lumen output at 60% of lamp rated average life.

RELAMP FIXTURES AT OR BEFORE THE END OF RATED LIFE. Allowing lamps to operate until they fail is not advised and may increase the possibility of inner arc tube rupture.

This lamp contains an arc tube with a filling gas containing less than 65 nCi Kr-85 and is distributed by Philips Lighting North America Corporation, Somerset, New Jersey, 08873.

CAUTION: TO REDUCE THE RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE RESULTING FROM AN ARC-TUBE RUPTURE THE FOLLOWING LAMP OPERATING INSTRUCTIONS MUST BE FOLLOWED:

LAMP OPERATING INSTRUCTIONS:

1. RELAMP FIXTURES AT OR BEFORE THE END OF RATED LIFE. Allowing lamps to operate until they fail is not advised and may increase the possibility of inner arc tube rupture.

2. Before lamp installation/replacement, shut power off and allow lamp and fixture to cool to avoid electrical shock and potential burn hazards.

3. Use only auxiliary equipment meeting Philips and/or ANSI standards.

4. Periodically inspect the outer envelope. Replace any lamps that show scratches, cracks or damage.

5. If a lamp bulb support is used, be sure to insulate the support electrically to avoid possible decomposition of the bulb glass.

6. Protect lamp base, socket and wiring against moisture, corrosive atmospheres and excessive heat.

7. Time should be allowed for lamps to stabilize in color when turned on for the first time. This may require several hours of operation, with more than one start. Lamp color is also subject to change under conditions of excess vibration or shock, and color appearance may vary between individual lamps.

8. Lamps may require 10 to 15 minutes to re-light if there is a power interruption. Less than 10 minutes on pulse start ballasts.

9. Take care in handling and disposing of lamps. If an arc tube is broken, avoid skin contact with any of the contents or fragments.

10. Use non-protected lamps only in an enclosed fixture capable of withstanding particles of glass having temperatures up to 1000°C.