

Perfect for Hard-to-Access
Outdoor Equipment

Applications

The [X] Plus NEMA-4X ultraviolet fixture offers a more affordable fixture, it accommodates 17 to 61 inch extended base lamps, and easily mounts from the exterior of any HVAC system, air handler, plenum or duct, making it a low-cost, reliable and quickly serviceable unit favored by contractors.

Because the NEMA-4-rated unit mounts from the exterior and requires no interior unit access, the [X] Plus extended UV-C lamp-base series is ideal for hard-to-access outdoor and indoor HVAC equipment up to 30 tons, including rooftop package units, through-the-wall, or fan coil units.

It can be installed either vertically or horizontally by making a simple 1-inch hole for the lamp, and it properly attaches to surfaces with self-drilling screws (included). Each fixture has four 1/2-inch electrical knockouts for convenient wiring to both power and additional units, if used. A rubber gasket seals between the fixture and its install site to ensure a leak-free install.

Exceptional safety features include a lockable entry for outdoor pedestrian areas (through-the-wall units such as schools, etc.) and two power interlocks to preclude exposure and electrical shock.



Benefits

- NEMA 4X construction for use anywhere
- Simplified installation, operation, and service
- No need to open HVAC equipment to change lamps
- EncapsuLamp™ shatter resistant lamp sleeve
- Complete safety – 2-step power lockout
- Lockable access prevents unauthorized service
- Typical install provides 360° UV-C distribution
- Light, reinforced, polycarbonate construction
- Minimal solar gain maximizes component life
- Easy wiring to power and additional fixtures
- Lowest ownership cost of any NEMA 4X fixture
- UL Listed under all ABQK categories

FIXTURES are exterior mount, single-ended lamp, factory-assembled types constructed of reinforced polycarbonate for outdoors. They consist of a NEMA-4X rated housing and power supply with lamp support, lamp holder, housing cover, and lamp and are UL Listed – ABQK.

HOUSING/COVER includes a lamp support for lamp lengths to 61", a gasket to seal the interior against the elements and a rubber gasket to seal between the mounting surface and housing. The housing contains all components in one assembly for maximum safety and serviceability without tools. The cover incorporates a disrupt lever to actuate the interlock switch on and off and eyelets to lock against unwanted entry. It has four (4) 1/2-inch electrical knockouts and four (4) mounting holes to facilitate installation.

DRIVER is a UL Listed 120–240 Vac $\pm 10\%$ 50–60 Hz, high power factor, low THD, Class P, Sound Rated "A", auto-matching, Type 1 Outdoor type with thermal and end of lamp-life protection and no PCB's. It maximizes lamp output, energy efficiency and reliability in lamp lengths from 17 to 61 inches, air of 33° to 170°F and any velocity. It is equipped with an interlock switch and power plug for power lockout during service. A 480V to 240V step down can be used for HVAC systems using 460–480V power.

LAMP CLAMP/HOLDER provides adjustable compression of flutes that secure the lamp base within the Holder and provides a watertight seal. Lamp receptacle pins are soldered to the driver for pull-proof connectivity and reliability.

LAMPS are Watt rated, high-output, hot cathode, T5, single-ended types that operate in air of 33–170°F and any velocity. They provide 360° irradiation and do not produce ozone. Their extended bases and filaments extend into the airstream beyond double-wall plenums and insulation. Useful life is 9000 hours with no less than 85% of original output, depending on conditions.

[X] PLUS™ NEMA 4X FIXTURE (FOR OUTDOOR OR IN-DOOR LOCATIONS)

P/N	Product Description
57800550	[X] Plus Single Ended NEMA 4X Fixture - 120-240V (includes ballast and NEMA 4X housing) Lamp Lengths from 17" to 61"
90004883	Step-Down Transformer: 480Vac to 240Vac (used with 1 [X] Plus Fixture with 45" and 60" lamps or 2 X-Plus Fixtures with 17-36" lamps) (75Va)
90004300	6'- Power Cord (3 Prong)
57400025	[X] Plus Compression Nut (10 Pack)

Order Lamp(s) Separately

Represented by:



The health aspects associated with the use of this product and its ability to aid in the disinfection of environment air have not been investigated by UL. Air duct mounted accessory with respect to electric shock, fire and casualty hazards only.

[X] PLUS™ - NEW OR REPLACEMENT STANDARD OUTPUT (SO) UV-C ENCAPSULAMP™ LAMPS MULTIPACKS AVAILABLE

P/N	Product Description
57035559	SEL 17" Single Ended Standard Output EncapsuLamp™ - Single pack (TUV-20W-T5-4PSE)
57015559	SEL 23" Single Ended Standard Output EncapsuLamp™-Extended Base - Single pack (25W-T5-4PSE-EB)
55065559	SEL 33" Single Ended Standard Output EncapsuLamp™ - Single pack (TUV-36W-T5-4PSE)
57075559	SEL 36" Single Ended Standard Output Encapsu-Lamp™-Extended Base - Single pack (40W-T5-4PSE-EB)
57085559	SEL 45" Single Ended Standard Output Encapsu-Lamp™-Extended Base - Single pack (50W-T5-4PSE-EB)
57095559	SEL 60" Single Ended Standard Output Encapsu-Lamp™-Extended Base - Single pack (65W-T5-4PSE-EB)

[X]+ ACCESSORIES AND REPLACEMENT PARTS

P/N	Product Description
90004883	Step-Down Transformer: 480Vac to 240Vac (used with 1 X-Plus Fixture with 45" and 60" lamp)
90004300	6' Power Cord - 3 Prong
57500010	[X] Plus 120-240VAC Replacement Ballast Kit (Lamp Lengths from 17" to 61")
57400025	[X] Plus LampClamp Compression Nut (10 Pack)

Specifications subject to change without notice. UV Resources, LLC Rev. A