



SLXTM – SINGLE LAMP HIGH OUTPUT FIXTURE

BENEFITS

- Installs quickly and easily anywhere
- Lamp sizes from 16" to 48"
- High output EncapsuLamp™ for high airborne kill rate
- 120-240V Power Supply
- CU2™ Lamp/Ballast monitoring with BMS Output
- Typical installs provide 360° UV-C Distribution
- Improves indoor environmental quality (IEQ)
- Destroys coil/drain pan microbial growth
- Restores AHU capacity and efficiency
- Industries lowest cost of ownership
- 3 year fixture and ballast warranty
- 1 year lamp warranty

UV-C's ability to disinfect and degrade organic material is well-established in both research and application (ASHRAE, Science, GSA and the CDC). UV-C systems are also, one of the industry's most favored maintenance and energy tools. Used to disinfect air streams, the principal use of UV is to keep coils, drain pans and other internal air handler components free of microbes, organic dirt and grime. Not treated, these materials produce odor, reduce airflow, reduce cooling capacity and affect occupant productivity!

UV-C systems are widely used in hospitals to disinfect HVAC air streams, cooling coils and drain pans to keep them free of microorganisms. It stops the proliferation of infectious, or, allergenic agents and lowers the cost of maintaining and operating HVAC equipment.

The UV Resources Single Lamp Xterior (SLX) mounted Fixture is the most affordable, effective, efficient, and reliable product in the industry. The SLX is constructed of premium materials with heavy gauge steel for sustainability in all environments. It's 120-240V power supply is waterproof and UV-C germicidal lamps are high output FEP encapsulated, high-efficiency, low-waste content products that surpass today's environmental standards.

These benefits, along with ease of installation and low cost, make the UV Resources line-up of products and systems the user's choice for UV-C for today's HVAC/R equipment.

Application:

The SLX High Output fixture meets all ASHRAE guidelines and is suitable for most all indoor UV-C applications. It installs from the exterior of HVAC equipment, or, in ducts to achieve the specified irradiance. A variety of lamp sizes ranging from 16" to 48" combined with a smart multi-voltage (120-240V) power supply allow for an easy fit-up in nearly any application.

SLXTM



CONSTRUCTION

Fixture is factory-assembled and tested. It has a powder coated galvanized steel housing, a "waterproof" power source, lamp socket, FEP coated lamp and LED lamp/power supply monitor. Construction is designed to withstand typical HVAC/R environments.

Housing is constructed of heavy-gauge powder coated galvanized steel with 4 - 1/2" or 3/4" conduit knockouts on the housing's bottom, sides and end for hard or soft wiring. The fixture is designed to be mounted and serviced from the exterior of its installation site; such that, the lamp protrudes into "conditioned" air. It can be externally mounted anywhere in an HVAC/R system or as shown on system plans.

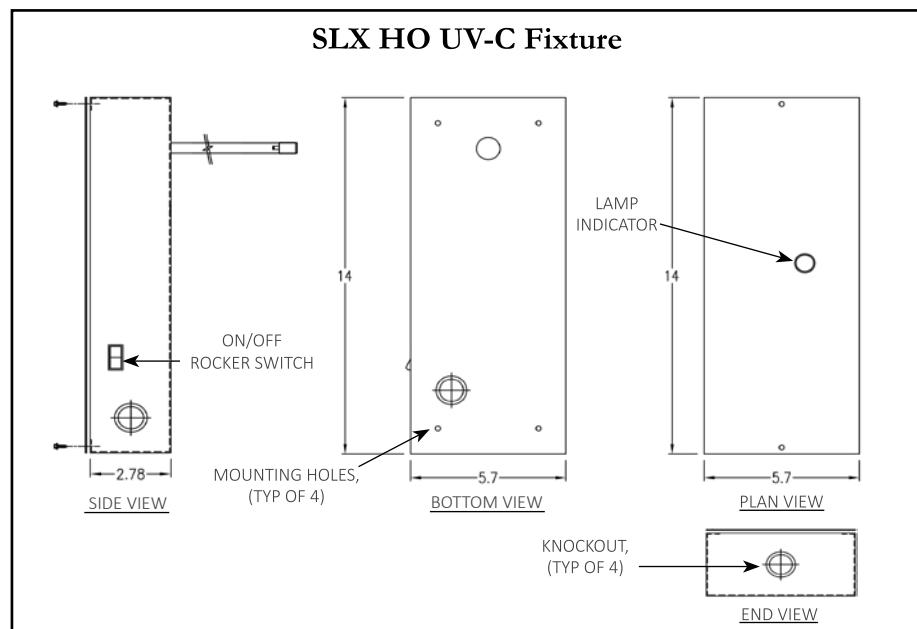
POWER SUPPLY is a waterproof, Type 1, outdoor, high-power factor, electronic rapid-start type with overload and end-of-lamp-life circuit protection that maximizes lamp radiance, life, and system reliability at temperatures of 1-70° C. Input: 120-240VAC, 50/60 Hz, with a sound rating of A.

SOCKETS are standard 4-pin types constructed of a UV-C resistant polycarbonate for long life and serviceability.

LAMPS are non-proprietary, single ended, very high output, hot cathode, T5, O8 4 pin, base types that produce broadband UV-C between 250-260 nm. Lamps are coated with EncapsuLamp™ (FEP) for protection in case of accidental breakage. UV-C lamp produces the specified output at any airflow velocity and temperatures of 1-77° C. Lamps are standard, non-ozone producing types.

Minimum useful lamp life is 9,000, with no more than a 15% output loss, depending on conditions.

INDEPENDENT TESTING is in conformance with all safety requirements of Underwriters Laboratories (ABQK).



ORDERING INFORMATION

Model #	P/N	Description	Electrical	Wt.
SLX-HO-120-240	55706550	SLX™ Single Ended HO UV-C Fixture	120-240V 50 Hz/60 Hz	6 lbs
SEL-16RL-T5O8-HO-1-EL	82685161	16" EncapsuLamp - O8 Base	-	2 lbs
SEL-24RL-T5O8-HO-1-EL	82685241	24" EncapsuLamp - O8 Base	-	2 lbs
SEL-31RL-T5O8-HO-1-EL	82685311	31" EncapsuLamp - O8 Base	-	2 lbs
SEL-36RL-T5O8-HO-1-EL	82685361	36" EncapsuLamp - O8 Base	-	2 lbs
SEL-40RL-T5O8-HO-1-EL	82685401	40" EncapsuLamp - O8 Base	-	3 lbs
SEL-48RL-T5O8-HO-1-EL	82685481	48" EncapsuLamp - O8 Base	-	3 lbs



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.

The UVR website contains tools that let you select, specify, and/or purchase complete UV-C systems. You'll also find valuable content that will help simplify installation, operation, and maintenance of UV-C systems.