

shadow[®]

BLACKLIGHT FIXTURES



Strip Fixture



Model NO4



Model NO6S

A **U** **ULTRAVIOLET**
ATLANTIC **CORPORATION[®]**

SINCE 1963

ABOUT US

Since 1963, Atlantic Ultraviolet Corporation® has pioneered the discovery and development of beneficial uses of ultraviolet energy. Over the years

these efforts have led to the

development of valuable, cost effective and environmentally sound techniques and products now known and respected throughout the world.

The UV Application Specialists at Atlantic Ultraviolet Corporation® assist customers in the selection of germicidal lamps and equipment. Their specialized knowledge is a valuable resource in formulating effective and cost-conscious ultraviolet solutions. Extensive inventories and a dedicated staff enable Atlantic Ultraviolet Corporation® to fulfill its commitment to provide fast deliveries and responsive customer service.



ULTRAVIOLET

Blacklight Fixtures use blacklight blue (BLB) lamps that emit long-wave ultraviolet radiation and very little visible light. Blacklight lamps produce energy in the long-wave UVA region and peak at 365 nanometers (nm).

Several industries and consumer applications use blacklight fixtures. Some applications include: Inspection, Admission Control, Anti-theft, Authentication, Leak Detection, and Counterfeit Detection.

Atlantic Ultraviolet Corporation® equipment and systems are manufactured in the USA.



**Model
NO6S**



8 Watt Strip Fixture

ADVANTAGES

Effective

Effective fluorescent properties in each designed device.

Economical

Fixtures require very little power to operate.

Fast

Illumination from the lamp is quick (no wasted time in utilizing fixture).

Easy

Simple installation and maintenance.

Space-Saving

Compact and lightweight styles.

Durable

Stainless Steel - Polished Chrome -
Aluminum Construction - Coated Steel.

Versatile

Numerous models available to handle various applications.

Low Maintenance

Routine cleaning and annual lamp replacement is required.

PRINCIPLE OF OPERATION

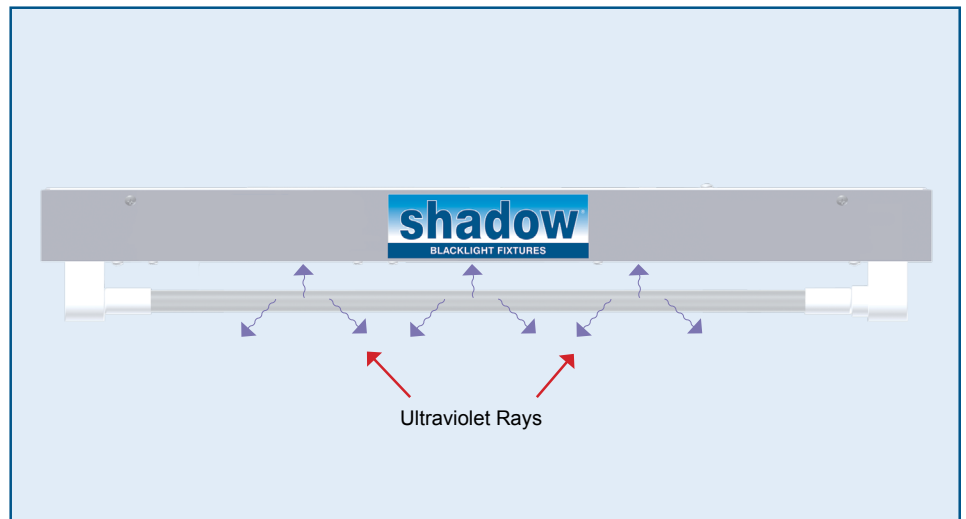


Figure 1 - Circulated room air and any exposed surfaces are irradiated with direct ultraviolet rays.

Shadow® Blacklight Fixtures use blacklight blue lamps that emit long-wave ultraviolet radiation and very little visible light. Blacklight lamps produce energy in the long-wave UVA region and peak at 365 nanometers (nm), creating a fluorescent or glowing effect.

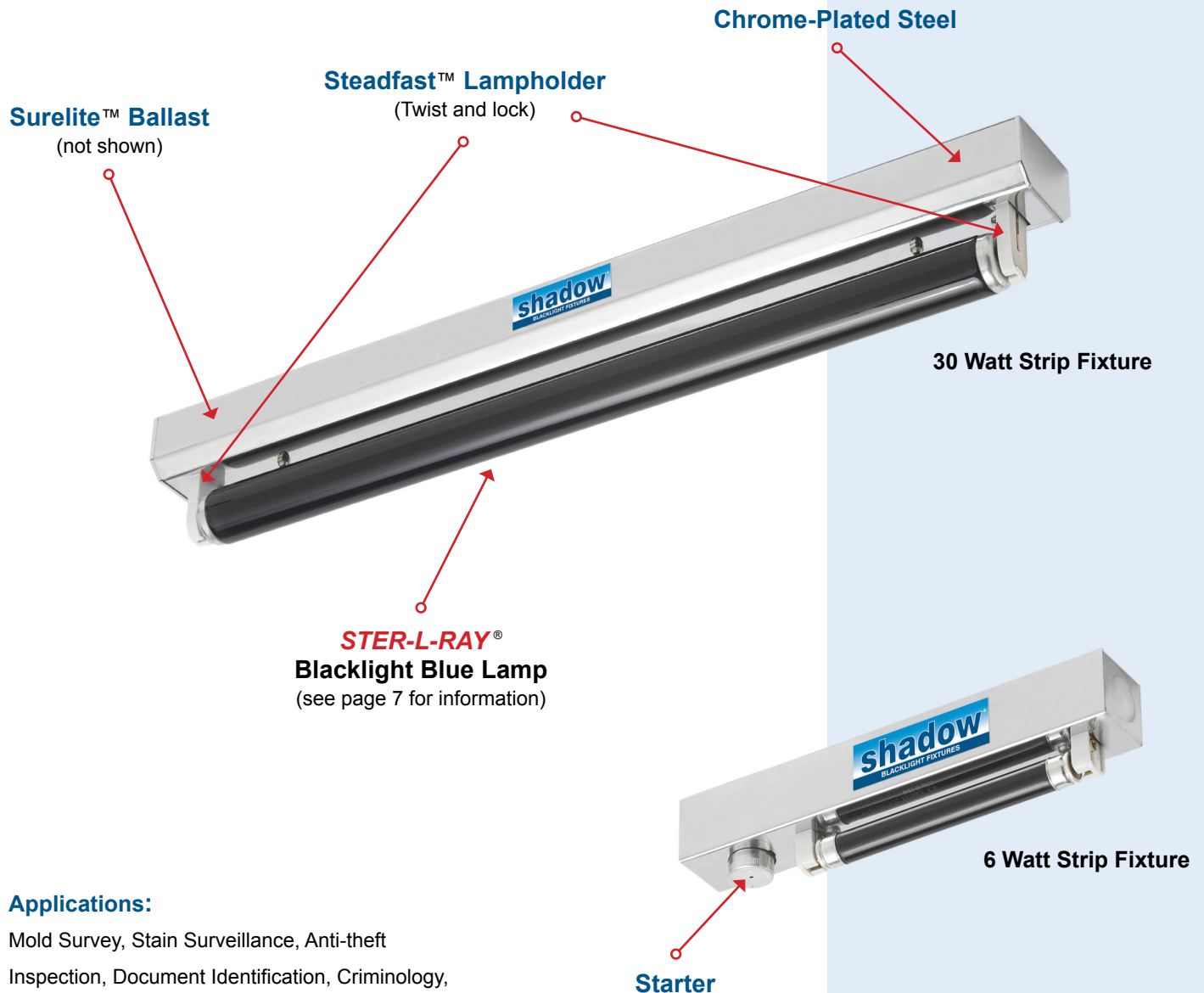
Hand held (NO4, NO6) or stand style fixtures (NO4S, NO6S) are ideal for small inspection. These fixtures require no set up or installation and are ready to use out of the carton.

The 4 watt through 30 watt strip style fixtures are ideal for more permanent set ups where inspection will be necessary and constant. Applications include but are not limited to Inspection, Admission, Control, and Counterfeit Detection.

SPECIAL FEATURES—STRIP FIXTURES

Shadow® Blacklight Strip Fixture

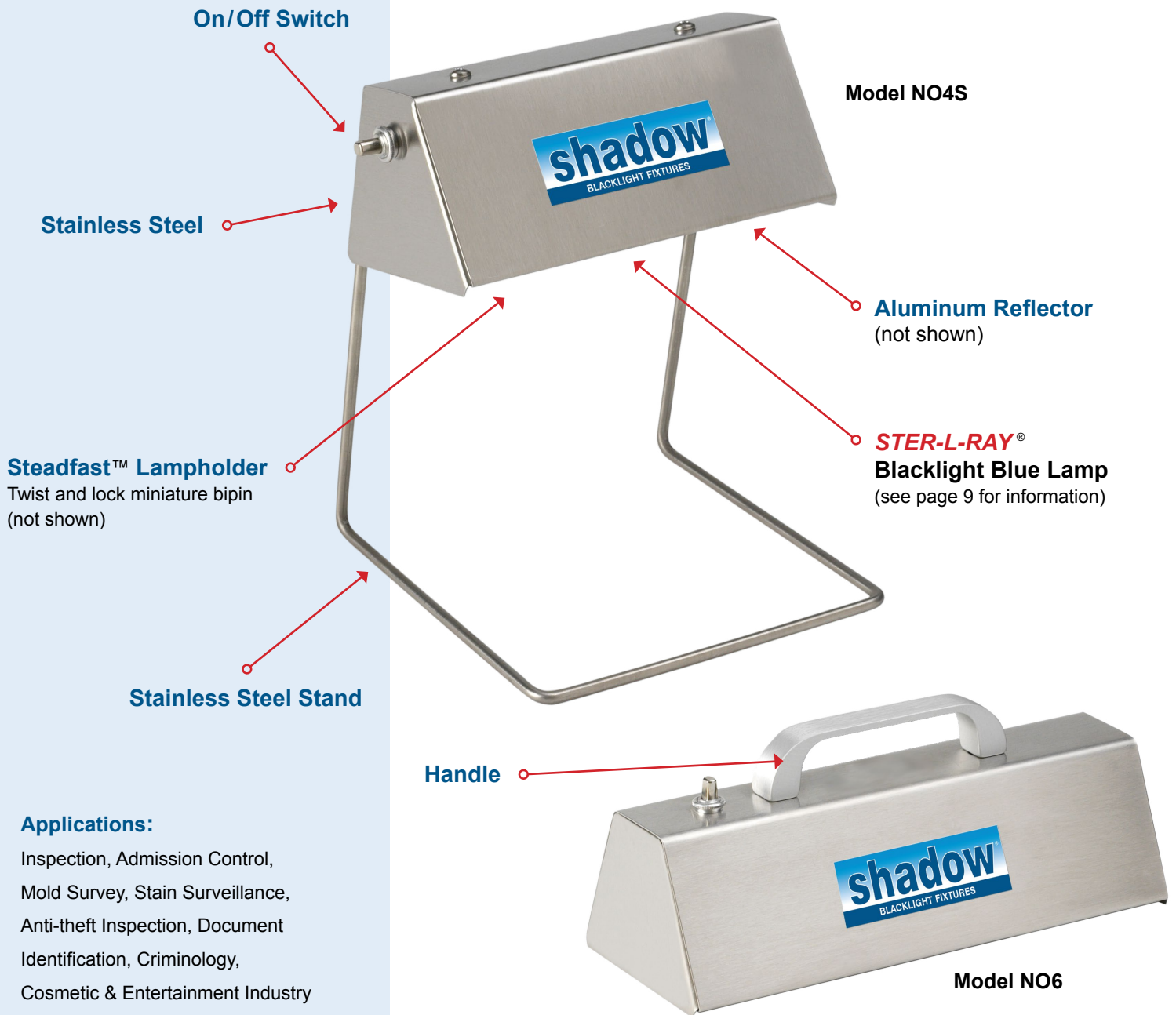
Shadow® Blacklight Fixtures emit long-wave ultraviolet rays and very little visible light. The blacklight produced creates a fluorescent or glowing effect. Our UV application specialists would be happy to discuss the application.



SPECIAL FEATURES—STAND & HAND-HELD FIXTURES

Shadow® Blacklight Fixture NO4, NO4S, NO6 and NO6S

Shadow® Blacklight Fixtures emit long-wave ultraviolet rays and very little visible light. The blacklight produced creates a fluorescent or glowing effect. Our UV application specialists would be happy to discuss the application.



SPECIFICATIONS—STRIP, STAND & HAND-HELD FIXTURES



Strip Fixture



Stand
Fixture



Hand-held
Fixture

Proper placement of the **Shadow®** Blacklight Fixture is essential, to ensure safe and effective operations; the location should have an appropriate power source, not be mounted under any source of moisture or condensation, and be easily accessible and allow enough clearance for routine cleaning or maintenance.

Model	Lamp	Dimensions			Rated Lamp Life (Hours)
		Length	Width	Height	
4 Watt Strip Fixture	05-1089	9"	1-3/8"	2-1/8"	6,000
6 Watt Strip Fixture	05-1090	12"	1-3/8"	2-1/8"	6,000
8 Watt Strip Fixture	05-1085	15"	1-3/8"	2-1/8"	6,000
15 Watt Strip Fixture	05-1084	19-1/2"	2-5/8"	3-1/2"	6,000
25 Watt Strip Fixture	05-1083	19-1/2"	2-5/8"	3-1/2"	6,000
30 Watt Strip Fixture	05-1081-R	37-1/2"	2-5/8"	3-1/2"	6,000
NO4 Hand-held Fixture	05-1089	6-3/16"	3-21/32"	3-11/16"	6,000
NO4S Stand Fixture	05-1089	6-3/16"	3-21/32"	8-1/8"	6,000
NO6 Hand-held Fixture	05-1090	7-11/16"	3-21/32"	3-11/16"	6,000
NO6S Stand Fixture	05-1090	7-11/16"	3-21/32"	8-1/8"	6,000

Atlantic Ultraviolet Corporation® equipment is manufactured in USA.

CAUTION: Avoid exposure to direct or reflected ultraviolet rays. Personnel subject to such exposure must wear suitable faceshield, gloves and protective clothing.

Hg - LAMP CONTAINS MERCURY, manage in accord with disposal laws, see: LampRecycle.org.

OPTIONAL ACCESSORIES



ArmorLite™ Safety Shield

Protective coating applied to **STER-L-RAY®** Blacklight Blue Lamps ensures protection for employees, products and work environments by eliminating the dangers associated with fragments of broken lamps.

(Lamp on right has **Armorlite™** coating. (Available for **STER-L-RAY®** lamps used in ALL **Shadow®** fixtures at the time of purchase. The coating is installed at the factory.)



Promate™ Safety Goggles

Safety eyewear should be used as general-purpose safety protection and for additional shielding from ultraviolet rays.



Promate™ Face Shield

Lightweight visor with adjustable headgear provides eye and face protection from ultraviolet rays.

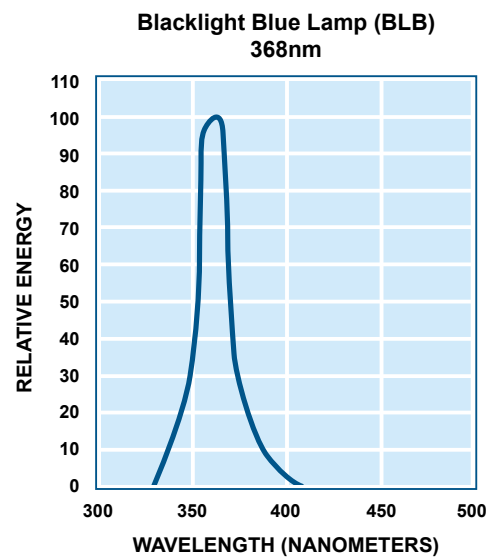
GENUINE **STER-L-RAY®** BLACKLIGHT BLUE LAMPS

STER-L-RAY® Blacklight Blue Lamps emit long-wave ultraviolet radiation and very little visible light. Blacklight lamps produce energy in the long-wave UVA region and peak at 365 nanometers (nm).

STER-L-RAY®, **ArmorLite™**, and **Shadow®**, and the **STER-L-RAY®**, **ArmorLite™** and **Shadow®** logo are trademarks of Atlantic Ultraviolet Corporation®.

CAUTION: Avoid exposure to direct or reflected ultraviolet rays.


STER-L-RAY® BLACKLIGHT OPERATING CHARACTERISTICS



The Standard of Excellence In Ultraviolet



Manufacturers / Engineers / Sales / Service – Germicidal Ultraviolet - Equipment & Lamps

ATLANTIC  **ULTRAVIOLET**
CORPORATION®

SINCE 1963



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