

LumaView™ IR Illuminators

Illuminating your world

LumaView IR Illuminators

When you require tough, mission critical monitoring in low light or completely dark conditions, LumaView outperforms all other illuminators. LumaView enables IR-sensitive CCTV cameras to produce high quality images under nighttime conditions without imposing intensive, obtrusive visible light illumination.

Optical efficiency

- Employs IR enhanced output 50 mm diameter reflectors offering maximum output, reliability, and bulb life
- Bulbs available in spot, medium flood and flood beam configurations
- Large area heat sink causes excess heat to be quickly conducted away from the base of the bulbs, prolonging bulb life - greater than 4000 hours

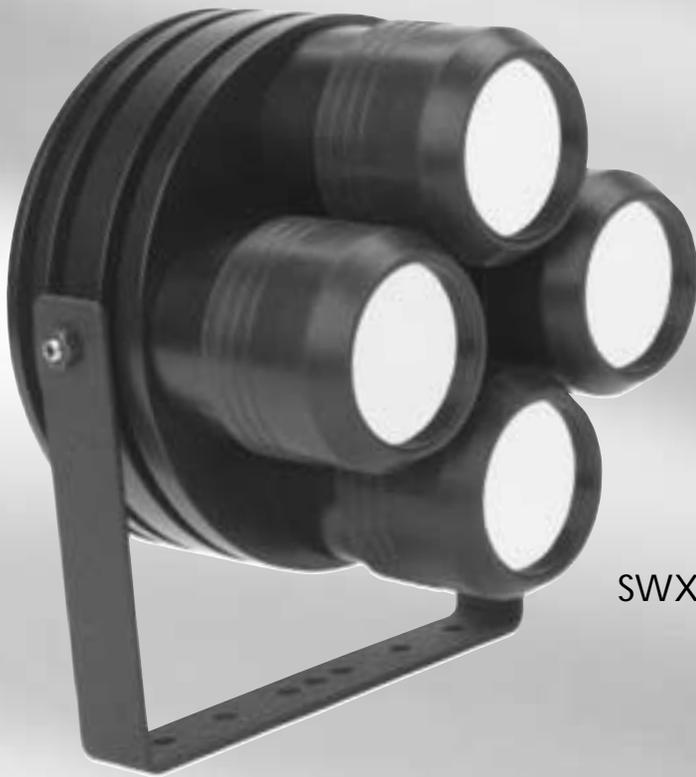
Discreet illumination

Choose from three types of filters, to suit your specific application:

- Overt illumination produces a distinct red glow that warns of the presence of IR light (715 nm)
- Semi covert illumination produces a faint red glow that can be detected with a trained eye (850 nm)
- Full covert illumination avoids any red glow, making it impossible to detect the presence of IR light (950 nm)

Modular and versatile

- Advantages of independent filter/bulbs - should one fail, then only one needs to be replaced without total loss of illumination
- Filters are mounted in push-on rubber molds that allow ease of replacement
- Standard filters are interchangeable between illuminators
- Ultimate flexibility in beam geometry - combine different bulbs and filters (SWX200)
- Weather sealed for indoor or outdoor use
- A required external power supply comes with a built-in photocell that detects changes in ambient light level. When conditions grow dark, it switches on the IR illuminator, offering longer bulb life



SWX200



SWX75

**SILENT
WITNESS®**

Securing your world

www.silentwitness.com

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International: 1-604-574-1523

IR ILLUMINATOR CAMERA SPECIFICATIONS

Distances that you can expect to achieve using the SWX75 and SWX200 depend on the performance of the camera's spectral response and lenses as well as the reflectivity of the scene. These illuminators are designed for cameras with sensitivity in the IR spectrum.

Model No.	SWX75	SWX200
Recommended use	Indoor/Outdoor	Indoor/Outdoor
Weight	2.25 lbs (1.0 kg)	5.51 lbs (2.5 kg)
Length	5.52 in. (140 mm)	5.0 in. (127 mm)
Construction/Colour	Machined Aluminum/Black	Machined Aluminum/Black
Diameter	3.44 in. (87 mm)	6.0 in. (153 mm)
Volts Required	12 VAC (nominal 6 amps)	12 VAC (nominal 18 amps)
Power Connection	Via 3 pin waterproof connector at rear	
Bulb Power	75W	50W (x4) Total 200 W
Illumination distance (715 spot)	295 ft. (90 m)	460 ft. (140 m)
Normal bulb life	> 4000 hrs.	> 4000 hrs.
Optical Filters	715 nm, 850 nm and 950 nm A heat barrier glass is fitted between the bulb and filter	
Bulbs	50 mm diameter 75 watt IR Enhanced integral reflector bulbs in spot (15 degrees), medium flood (25 degrees), or flood (40 degrees) configuration	4 x 50 mm diameter 50 watt IR Enhanced integral reflector bulbs in spot (10 degrees), medium flood (24 degrees), or flood (60 degrees) configuration
Enclosure Protection	IP66	

APPLICATIONS

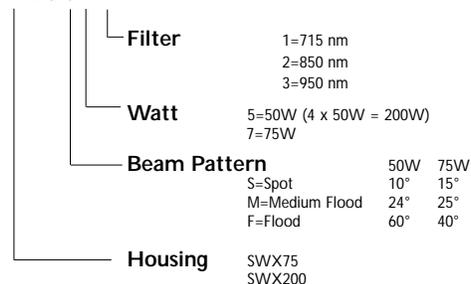
Use the IR Illuminators anywhere nighttime surveillance is required and normal lighting is too expensive or prohibited.

Applications include:

- . Military
- . Prisons
- . Law enforcement
- . Traffic monitoring
- . Perimeter security
- . Customs agencies
- . Airports and airport security
- . Facility monitoring
- . Schools

LumaView Ordering Information:

Example: swx75 S 7 1



OPTIONAL POWER SUPPLY SPECIFICATION

Input voltage 110 VAC 60 Hz or 240 VAC 50 Hz

Photo cell Dusk/dawn auto switching

Output voltage:

Single Lamp Systems

LPS75-1 12 VAC (nominal 6 amps)

LPS200-1 12 VAC (nominal 18 amps)

Double Lamp Systems

LPS75-2 12 VAC (nominal 12 amps)

LPS200-2 12 VAC (nominal 36 amps)

REPLACEMENT FILTERS & BULBS

Filters

SWXF715

FILTER, 715 NM

SWXF850

FILTER, 850 NM

SWXF950

FILTER, 950 NM

Bulbs

SWXB75S

BULB, 75W, SPOT - 15° Beam

SWXB75M

BULB, 75W, MED FLOOD - 25° Beam

SWXB75F

BULB, 75W, FLOOD - 40° Beam

SWXB50S

BULB, 50W, SPOT - 10° Beam

SWXB50M

BULB, 50W, MED FLOOD - 24° Beam

SWXB50F

BULB, 50W, FLOOD - 60° Beam

SWX200



SWX75

