

LumaView®

Infrared 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 night time conditions without imposing intensive, obtrusive, and visible light illumination.

Designed for efficiency from top to bottom, LumaView employs IR-enhanced output 50 mm diameter reflectors offering maximum output, reliability, and bulb life. The large area heat sink causes excess heat to be quickly conducted away from the base of the bulbs, prolonging bulb life to greater than 4000 hours. 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.

FEATURES

- Enables IR sensitive cameras to produce quality images under nighttime conditions
- Bulbs available in three distinct configurations: spot, medium flood and flood beam
- Excess heat is conducted away from the bulbs, prolonging bulb life
- Filters available for three illumination settings, from overt-visible light to covert-invisible light
- Replace bulbs and filters without any loss of illumination (SWX200 only)
- Push-on rubber molds ease filter replacement
- Standard filters are interchangeable between illuminators
- Combine different bulbs and filters (SWX200) for beam flexibility
- Weather sealed for indoor or outdoor use
- Power supply (ordered separately) has built-in photocell that detects changes in ambient light level



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) and full covert illumination avoids any red glow, making it impossible to detect the presence of IR light (950 nm)

Modular and versatile, LumaView is available with bulbs in three distinct configurations and filters for three illumination settings. Since the filter and bulbs are independent of one another, should one fail, then only one needs to be replaced without total loss of illumination (SWX200 only).

Use LumaView anywhere night time surveillance is required and normal lighting is too expensive or prohibited. Applications include: military, law enforcement, perimeter security, prisons, airports, traffic monitoring, customs agencies, facility monitoring and schools.

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SPECIFICATIONS

	SWX75	SWX200
Recommended Use:	Indoor/Outdoor	
Weight:	2.25 lb (1.0 kg)	5.51 lb (2.5 kg)
Dimensions: (DxW)	3.44 in. x 5.52 in. (87 mm x 140 mm)	6.0 in. x 5.0 in. (153 mm x 127 mm)
Construction/Colour:	Machined Aluminum/Black	
Volts Required:	12 VAC (nominal 6 amps)	12 VAC (nominal 18 amps)
Power Connection:	Via 3 pin waterproof connector at rear	
Bulb Power:	75 W	50 W (x4) Total 200 W
Illumination Distance: (715 spot)	295 ft. (90 m)	460 ft. (140 m)
Normal Bulb Life:	> 4000 hrs.	
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°), medium (25°) or flood (40°) configuration	4 x 50 mm diameter, 50 watt IR Enhanced integral reflector bulbs in spot (10°), medium (24°) or flood (60°) configuration
Enclosure Protection:	IP66	
Recommended Power Supply Input	110 VAC 60 Hz or 240 VAC 50 Hz	
Recommended Power Supply Photo Cell	Dusk/dawn auto switching	

NOTE: 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.

ORDERING

SWX75 S 7 1

Filter

1 715 nm
2 850 nm
3 950 nm

Power

5 50 W (200W MAX.)
7 75W (75W MAX.)

Beam Pattern 50W 75W

S Spot	10°	15°
M Medium Flood	24°	25°
F Flood	60°	40°

Housing

SWX75
SWX200

Power supplies: (order separately)

LPS75-1 Power Supply, Single Lamp System, 12 VAC (nominal 6 A)
LPS75-2 Power Supply, Double Lamp System, 12 VAC (nominal 12 A)
LPS200-1 Power Supply, Single Lamp System, 12 VAC (nominal 18 A)
LPS200-2 Power Supply, Double Lamp System, 12 VAC (nominal 36 A)

Accessories:

SWX715 715nm Overt Filter
SWX850 850nm Semi-Covert Filter
SWX950 950nm Covert Filter
SWXB75S 75 W bulb with 15° Spot beam pattern
SWXB75M 75 W bulb with 25° Medium Flood beam pattern
SWXB75F 75 W bulb with 40° Flood beam pattern
SWXB50S 50 W bulb with 10° Spot beam pattern
SWXB50M 50 W bulb with 24° Medium Flood beam pattern

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Honeywell Video Systems

Honeywell
171 Eileen Way
Syosset, NY 11791
800 796 CCTV

www.honeywell.com

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