

INFRARED ILLUMINATORS



IR-10M

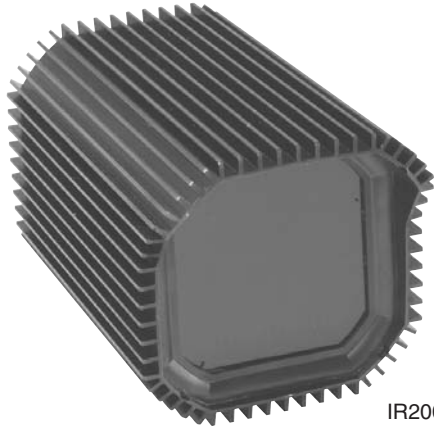


DESCRIPTION:

Videolarm's new line of infrared illuminators offers superior night time surveillance in a variety of applications. All models feature lightweight, rugged, weather resistant housings, LED technology for up to 10,000 hours of life, and low power requirements. Plus, we back these units with a full five-year warranty.

FEATURES:

- LED technology - rated at 10,000 hours
- LED power requirements 3-42 watts
- 850 or 940 nanometer beams
- Distances from 33 ft. to 660 ft.
- 24 VAC input power (12 VDC for IR-10M)
- Brackets and mounts available for poles and standard outdoor pan/tilt



IR200-1

MODELS

Model	Distance	Angle	Wavelength	Size (h x w x l)	Construction	Voltage	Power Usage
IR-10M	33 ft (10m)	70°	850nm	2" diameter x 2.4"	Aluminum	12 VDC	5.4 watts
IR30-3	100 ft (30m)	30°	850nm	5.2 x 5.2 x 4.7	Aluminum	24 VAC	12 watts
IR30-6	100 ft (30m)	60°	850nm	5.2 x 5.2 x 7.1	Aluminum	24 VAC	20 watts
IR30-3N	100 ft (30m)	30°	940nm	5.2 x 5.2 x 7.1	Aluminum	24 VAC	20 watts
IR30-6N	100 ft (30m)	60°	940nm	5.2 x 5.2 x 7.1	Aluminum	24 VAC	30 watts
IR50-3	165 ft (50m)	30°	850nm	5.2 x 5.2 x 7.1	Aluminum	24 VAC	20 watts
IR50-6	165 ft (50m)	60°	850nm	5.2 x 5.2 x 7.9	Aluminum	24 VAC	30 watts
IR50-3N	165 ft (50m)	30°	940nm	6.5 x 6.5 x 7.9	Aluminum	24 VAC	30 watts
IR50-6N	165 ft (50m)	60°	940nm	6.5 x 6.5 x 7.9	Aluminum	24 VAC	42 watts
IR100-3	330 ft (100m)	30°	850nm	5.2 x 5.2 x 7.9	Aluminum	24 VAC	30 watts
IR100-6	330 ft (100m)	60°	850nm	6.5 x 6.5 x 7.9	Aluminum	24 VAC	55 watts
IR100-3N	330 ft (100m)	30°	940nm	6.5 x 6.5 x 7.9	Aluminum	24 VAC	55 watts
IR200-3	660 ft (200m)	10°	850nm	6.5 x 6.5 x 7.9	Aluminum	24 VAC	55 watts

SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
IR-10M	.4 lbs	1 lb.	9 x 9 x 8
IR30-3	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR30-6	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR30-3N	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR60-6N	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR50-3	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR50-6	3.5 lbs	3.5 lb.	7.25 X 6.75 X 8.875
IR50-3N	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625
IR50-6N	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625
IR100-3	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625
IR100-6	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625
IR100-3N	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625
IR200-3	3.5 lbs	3.5 lb.	7.25 X 6.75 X 9.625

ARCHITECTURAL/ENGINEERING SPECIFICATIONS

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ARCHITECTURAL/ENGINEERING SPECIFICATIONS

IR30

The infrared illuminator housing shall be constructed of extruded aluminum, the front window shall be made of Methacrylic Acid, and the 90 Long Life LED's shall be good for 10,000 or more hours. The housing dimensions for the IR30-3 shall be 5.2" x 5.2" x 4.7"; dimensions for the IR30-6, IR30-3N, and IR30-6N shall be 5.2" x 5.2" x 7.1". Weight shall be no more than 1 lb. The housing shall be durable, rust resistant and its air vents shall be protected from the elements (minimum 3R NEMA type enclosure). There shall be three ¼ inch (UNC 20) mounting screw holes in its base with 1" between each screw hole. The operating temperature shall be between -22° F to 131° F. The IR30-3 shall emit infrared light at a wavelength of 850 nanometers (nm), the IR30-3N shall have a wavelength of 940 nm, and each shall give sufficient light for CCD or CCTV camera vision at a 30-degree angle for a distance of at least 100 ft. (with a 0.1 Lux infrared sensitive camera). The IR30-6 shall emit infrared light at a wavelength of 850 nanometers (nm), the IR30-6N shall have a wavelength of 940 nm, and each shall give sufficient light for CCD or CCTV camera vision at a 60-degree angle for a distance of at least 100 ft. (with a 0.1 Lux infrared sensitive camera). Power consumption shall be 12 watts at 24 VAC for the IR30-3, 20 watts at 24 VAC for the IR30-6 and IR30-3N, and 30 watts at 24 VAC for the IR30-6N, each using an external power supply. The standard cable length shall be 4.9 ft. using 16 awg heavy-duty cable. The internal photocell shall automatically switch on the illuminator at 20 Lux (± 10 Lux).

IR50

The infrared illuminator housing shall be constructed of extruded aluminum, the front window shall be made of Methacrylic Acid, and the 150 Long Life LED's shall be good for 10,000 or more hours. The housing dimensions for the IR50-3 shall be 5.2" x 5.2" x 7.1"; dimensions for the IR50-6 shall be 5.2" x 5.2" x 7.9"; dimensions for the IR50-3N, and IR50-6N shall be 6.5" x 6.5" x 7.9". Weight shall be no more than 1 lb. The housing shall be durable, rust resistant and its air vents shall be protected from the elements (minimum 3R NEMA type enclosure). There shall be three ¼ inch (UNC 20) mounting screw holes in its base with 1" between each screw hole. The operating temperature shall be between -22° F to 131° F. The IR50-3 shall emit infrared light at a wavelength of 850 nanometers (nm), the IR50-3N shall have a wavelength of 940 nm, and each shall give sufficient light for CCD or CCTV camera vision at a 30-degree angle for a distance of at least 165 ft. (with a 0.1 Lux infrared sensitive camera). The IR50-6 shall emit infrared light at a wavelength of 850 nanometers (nm), the IR50-6N shall have a wavelength of 940 nm, and each shall give sufficient light for CCD or CCTV camera vision at a 60-degree angle for a distance of at least 165 ft. (with a 0.1 Lux infrared sensitive camera). Power consumption shall be 20 watts at 24 VAC for the IR50-3, 30 watts at 24 VAC for the IR50-6 and IR50-3N, and 42 watts at 24 VAC for the IR30-6N, each using an external power supply. The standard cable length shall be 4.9 ft. using 16 awg heavy-duty cable. The internal photocell shall automatically switch on the illuminator at 20 Lux (± 10 Lux).

IR100

The infrared illuminator housing shall be constructed of extruded aluminum, the front window shall be made of Methacrylic Acid, and the Long Life LED's shall be good for 10,000 or more hours. The housing dimensions for the IR100-3 shall be 5.2" x 5.2" x 7.9"; dimensions for the IR100-6 and IR100-3N shall be 6.5" x 6.5" x 7.9". Weight shall be no more than 1 lb. The housing shall be durable, rust resistant and its air vents shall be protected from the elements (minimum 3R NEMA type enclosure). There shall be three ¼ inch (UNC 20) mounting screw holes in its base with 1" between each screw hole. The operating temperature shall be between -22° F to 131° F. The IR100-3 shall emit infrared light at a wavelength of 850 nanometers (nm) and shall give sufficient light for CCD or CCTV camera vision at a 30-degree angle for a distance of at least 330 ft. (with a 0.1Lux infrared sensitive camera). The IR100-6 shall emit infrared light at a wavelength of 850 nanometers (nm) and shall give sufficient light for CCD or CCTV camera vision at a 60-degree angle for a distance of at least 330 ft. (with a 0.1Lux infrared sensitive camera). The IR100-3N shall emit infrared light at a wavelength of 940 nanometers (nm) and shall give sufficient light for CCD or CCTV camera vision at a 30-degree angle for a distance of at least 330 ft. (with a 0.1Lux infrared sensitive camera). Power consumption shall be 30 watts at 24 VAC for the IR100-3, and 55 watts at 24 VAC for the IR100-6 and IR100-3N, each using an external power supply. The standard cable length shall be 4.9 ft. using 16 awg heavy-duty cable. The internal photocell shall automatically switch on the illuminator at 20 Lux (± 10 Lux).

IR200

The infrared illuminator housing shall be constructed of extruded aluminum, the front window shall be made of Methacrylic Acid, and the 588 Long Life LED's shall be good for 10,000 or more hours. The housing dimensions shall be 6.5" X 6.5" X 7.9" and weigh no more than 4.5 lbs. The housing shall be durable, rust resistant and its air vents shall be protected from the elements (minimum 3R NEMA type enclosure). There shall be three ¼ inch (UNC 20) mounting screw holes in its base with 1" between each screw hole. The operating temperature shall be between -22° F to 131° F. The IR200-3 shall emit infrared light at a wavelength of 850 nanometers, giving sufficient light for CCD or CCTV camera vision at a 30-degree angle for a distance of at least 660 ft. (with a 0.1 Lux infrared sensitive camera). The power consumption shall be 55 watts at 24 VDC using an external power supply. The standard cable length shall be 4.9 ft. using 16 awg heavy-duty cable. The internal photocell shall automatically switch on the illuminator at 20 Lux (± 10 Lux).