

**InfraLUX - HighPower IR-LED Illuminatore**

- SMD technology
- Specific semiconductors for CCTV applications
- High intensity IR-LED
- Maximum range up to 30 m (see technical data)
- Automatic twilight switch
- Reverse polarity protection
- Long-lasting IR-LED (>50.000 hours)
- Wide temperature range (-40°C ÷ +100°C)
- IP66 protection rate
- Small dimensions

Thinking of the new INFRALUX illuminators as "standard" illuminators would be extremely reductive. This new line comes from an extensive research and is based on the implementation of technologies usually applied exclusively to High-Tech sectors. Made of SMD technology with current regulation, supplied with high-intensity semiconductors specific for CCTV applications. Particularly suitable for applications requiring high efficiency and high operating temperatures.

Optical collimator guarantees an extremely highly efficient light beam.

Illumination intensity adjustment (by threshold) with PSRS15-12 power supply.

The cover is composed with specific techno-polymers for selective lighting applications system.

The body of illuminator is made of Anticorodal extrusion with electrocolour galvanic treatment and, together with stainless steel bolts and screws, guarantee high resistance to corrosion and weather conditions (particularly indicated for marine environment). IP66

Low power consumption and long-lasting LEDs make it possible to effectively reduce operating and maintenance costs during its whole service life.

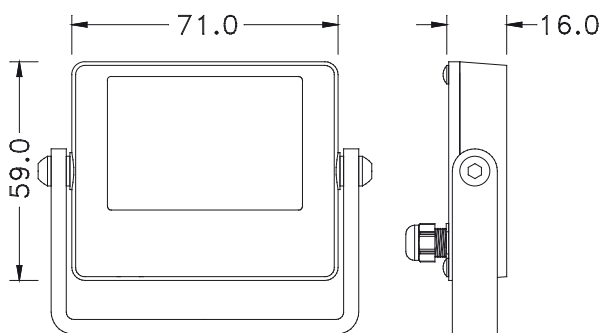
**APPLICATIONS**

Wherever an discreet IR illumination source is needed for night shootings or for better quality image (with high sensitive cameras). Particularly suitable, thanks to the small dimensions, for all civil applications (banks, museums and art galleries, schools, hospitals, doorway & entrances, and so on).



## IL030

### InfraLUX - HighPower IR-LED Illuminatore



dimensions in mm

#### TECHNICAL SHEET

**Raw material** Anticorodal/Techno-polymers

**Technology** SMD

**Wave length** 850 nm

**Light range (up to)** 30 m (30°)

**LED service life** >50.000 rated hours

**Finishing** Anodized

**Colour** Aluminium/Black

**Power supply** 12Vdc-350mA

**Operating temperature** -40°C ÷ +100°C

**Protection rate** IP66

**Weight** 300 g

**Dimensions** W 71 x H 59 x L 16 mm

**LEDs class** 1M

#### VERSIONS

INFRALUX IL030 is supplied with: automatic twilight switch, U support, 3m connecting cable with a Compound sheath for outdoor use, in compliance with CEI 20-22/II.

**IL030 050-00** 50° illumination angle

**IL030 050-WB** complete with wall bracket

**IL030 030-00** 30° illumination angle

**IL030 030-WB** complete with wall bracket

Light ranges referred to:

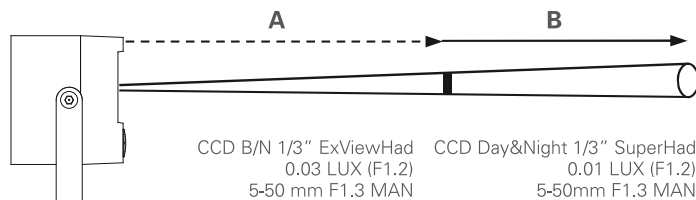
A) CCD camera 1/3" B/N, 0.03 Lux (F1.2)

B) CCD camera 1/3" Day&Night, 0.01 Lux (F1.2)

Lens: 5-50mm F1.3 manual varifocal

The measurements have been executed on an open grass field: no reflection from surrounding environment detected. Best performance is obtained with B/W cameras. In case of Day&Night cameras: versions with mechanic filters are indicated.

#### LIGHT RANGES



MODEL	ILLUMINATION ANGLE	A (up to)	B (up to)
IL030 050	50°	15 m	20 m
IL030 030	50°	20 m	30 m

Indicated ranges are maximum achievable distances and are subject to CCD cameras and lenses specified, with 1/50s shutter speed. For medium performances cameras reduce distance by at least 30%. For low performances cameras reduce distance by at least 50%.

INFRALUX illuminators are in compliance with requirement of the Directives: LASER/LED EN60825-1, fourth edition.

LEDs guarantee a long service life when used according to operation suggestions.

LED reliability is correlated to operating temperature: ventilation must always be guaranteed as much as possible.

Product sheets and availability subject to change without prior notice.  
© 2012, SERINN snc. Tutti i diritti riservati.

#### OPTIONAL ACCESSORIES

**ILWBS100-00** Wall bracket

**ILWBS100-TS** Support for two illuminators

**ILWBS100-PM** ILWBS100-00 pole mount adaptor

**PSRS15-12** 12Vdc-1.3A switching