

ERIX



Indoor and outdoor  
LED lighting device  
**industrial and civil  
applications**



**XIVET**

Gives value  
to the light

# ERIX

LED lighting device for indoor and outdoor, available in three size.  
Especially suitable for warehouse and industrial areas.

■ **Energy saving up to 70%**

■ **High reliable components materials and finishing**

■ **Very easy to apply**

**Simple and reliable LED lighting device,  
suite for indoor and outdoor installations  
with high power lighting implants  
up to 8 meters height.**

A family of sturdy and versatile LED lighting units ideal for installation in warehouses, industrial sheds and production areas in general. Thanks to the 67 IP insulation class, ERIX can be installed in outdoor areas too. This family of LED devices has been designed to give high luminous flux, a remarkable Color Render Index and a good lifetime.

Because of the high-powering of the devices, the cooling system have been specifically calculated to guarantee the safety operating conditions to LED and electronics.

Highly-reliable power supply with temperature compensation.

Extruded aluminium body scratch- and impact-resistant anodized finishing (or in oven-baked polymer powders, according to the colour) and lateral caps in ASA technopolymer highly-resistant.

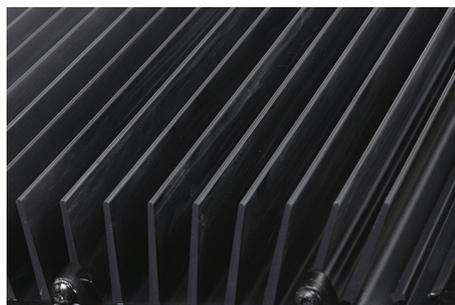
All exposed screws and bolts are in stainless steel.

The micro-prismatic glass reduces the glaring effect.

Standard colour: white, black, aluminium.

The fixing system is easy to set and to use.

Simple maintenance thanks to the access to LED and electronics sites is allowed just by removing the screws: the modules are easy to change because of all the quick connectors of the inner wiring.



■ Finned casing for natural-convection cooling

■ Micro-prismatic glass reduces glaring effect

■ White light with excellent visual confort: 4000K, CRI 85

■ Easy to fix thanks to the versatile support in stainless steel

■ High efficiency Citizens COB LED

■ Very long lifetime: over 60.000 h operating



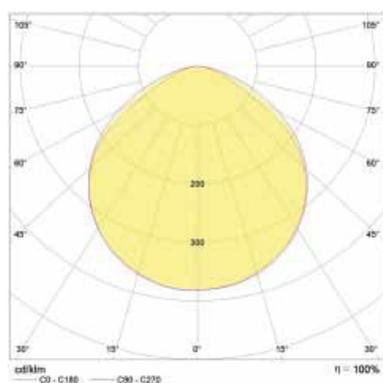
Series 400



Series 600



Series 800



60° side emission light.



## Technical features



Code	Power (W)*	Luminous flux	Colour temperature (K)	CRI	Efficiency (lm/W)	Length (cm)	Weight (Kg)
EX-02-053-00-OTE-1	53	4.770	4.000	85	90	367	6,2
EX-04-106-00-OTE-1	106	9.540	4.000	85	90	579	9,2
EX-06-158-00-OTE-1	158	14.310	4.000	85	90	780	13,2

\*ISO 80000-7 item 7-33.2 total device consumption

The LED data derives from the producer's datasheets. Indicated brightness efficiency values are to be considered as maximum. All other data was measured in laboratory and are to be considered as nominal values with  $\pm 5\%$  margin of error.

**Materials:** central body in extruded aluminium alloy 6060 T5; side caps in ASA technopolymer

**Aluminium body finish:** aluminium: oxydation; black and white: epoxy powder finish

**Sealing gasket:** two-component polyurethane applied by a robot device.

**LED compartment cover:** anti-reflection toughened glass, thickness 4 mm.

**Impact resistance of glass:** IK08 (5 J anti-vandal protection)

**Glass fixing:** mechanical attachment

without use of glue or silcon

**Exposed screws and bolts:** stainless steel

**Light source:** power-LED COB with output > 133 lm/W

**Colour temperature:** 4.000 K

**Colour Render Index (CRI):**  $\geq 85$  (4000K);

**Lifetime LED:** 80.000 hours (at 70% of luminous flux;  $T_a=25^\circ\text{C}$ ;  $T_J=85^\circ$ )

**Ambient operating temperature:**  $-40/+45^\circ\text{C}$

**Wiring:** pre-wired; optional plug&play connector

**Drive current:** 700 mA

**Power supply:** 110 - 277 Vac;

50  $\div$  60 Hz

**Power:** 53 - 106 - 158 W

**Cos:** > 0,98

**System efficiency:** 90 lm/W

**Insulation class:** I (II in option)

**Protection rating:** IP67

**Compliance with European norms:**

CE marking; standards: EN 60598-1-EN 60598-2-3

EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000 3-3

**Certification:** CE

**Electromagnetic compatibility:**

lighting devices built in compliance with EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

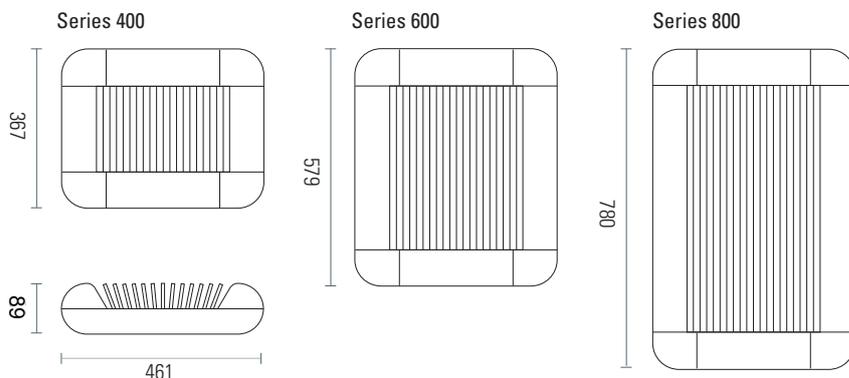
Devices built in compliance with directives 2006/95/CE (LVD), 2004/108/CE (EMC), 2002/95/CE (RoHS)

**Photobiological safety:** risk group classification EN 62471: 0 (No risk)

**Replacement of LEDs and electronic components:** modules with quick connectors

The Company can change the data according to the development of technology

## Dimensions



## Fixing



Straight high position



Straight low position



Tilted position

Xivet is a lighting brand of GiellePlast group. The group operates in the field of technical polymers moulding for car industry, a sector with the highest and most rigorous quality standards, producing moulds and injection plastic automotive components for major European car manufacturers (Audi, Volkswagen, Ferrari, FIAT). The experience with materials and technologies gained in automotive optical units' production is used in the process of designing and manufacturing of Xivet's lighting units: from robot-applied bicomponent seals to the use of specific stable technical polymers resistant to opacification and chromatic alterations due to UV exposure. GiellePlast company is certified ISO 9001 and ISO 14001.

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