



Monitor every luminous point in
your city, highways or roads



SKY LIGHT

made

Electrical, Gas, and Safety

APPLICATION

SKY LIGHT™ is a simple, reliable and low cost system used to monitor, at night, single and multiple city streets and highways lights.

Each lamp post is fitted with a "marker" which continuously monitors the light source and the condenser for correct operation.

At the lighting power sub-station, a Central Processing Unit is connected to the power network and monitors and checks information coming from each marker.

One central processing unit can monitor a feeder with up to 30 lighting points per phase.

An optional GSM, Modem or Radio interface can call preprogrammed telephone numbers to send warning SMS's.

The communication technique, between the markers and the CPU using the energy network like medium, is unique in the world and is the subject of a patent.

OVERVIEW

The markers are molded into a high dielectric resin, and are mounted in the lamp post connection box. The connection is made directly on the lamp supply cable. The total consumption of the markers is very low because of their sequential operation (< 1W).

The operating life of a marker is approximately more than 100 000 hrs.

The Central Processing Unit (CPU) is fitted in a standard case. A display on the front face shows all events. A warning light can be remote mounted. The CPU modules are connected to and supplied directly from the mains. One CPU can monitor a single or three phase network.

TECHNICAL CHARACTERISTICS

MARKERS :

Dimensions : 55 x 87 x 28 mm / 2.20 x 3.40 x 1.10 in

Connection and supply : 230 V by 3 wires

Operating temperatures : - 20 / + 60 °C or -4 / + 140 °F

MTBF : 100 000 hours

Integrated marking label

DIN rail mounted

Consumption : < 1W

CENTRAL PROCESSING UNIT (CPU) :

Mounted in standard DIN rail case

Dimensions: 200 x 120 x 90 mm / 7.80 x 4.70 x 3.55 in

Integral display and lamp

Connection and supply : 230V

Integrated serial port

Consumption : 150 mA

One to three transducers for single or three phases

The development of SKY LIGHT™ is the result of a partnership with the company



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S.A. au capital de 270 **130 €**

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