

CONCEPT

eko





EKO^{VIGILE}

System EKO

eko, A SERVICE GLOW



CONCEPT *eko* .

Out of economic and energy necessity, municipalities are now considering switching off public lighting earlier and earlier.

This shutdown of the lighting does not bother motorists. It is done at detriment to pedestrians and cyclists. It makes it more difficult for children, the elderly, people with reduced mobility and night workers to travel...

It therefore creates a certain form of social exclusion and amplifies the primary feeling of insecurity.

The EKO^{vigile} luminaire was created to fight against this total darkness.

Economical, compact, light, easy to implement including on existing structures thanks to its automatic switching module, it brings and maintains a light of service.

It amplifies the extinction on the road side, while providing markings on the sidewalk, cycle path or other outdoor pleasure space whose use will be accentuated by global warming.

EKO

VIGILE



EKO^{VIGILE} ADAPTS
ON ALL EXISTING INSTALLATIONS,
IT **SUBSTITUTES TO FUNCTIONAL LIGHTING**
DURING ALL OR PART OF ITS EXTINCTION PERIOD,
AND ENSURES A **CONTINUITY OF SERVICE.**

**Our objective: to take over street lighting during periods of extinction, which is harmful to human wandering at night.
Its integrated system adapts to both recent LED installations and old installations (sodium, metal iodide, etc.)**

WITH EKO^{VIGILE}



Street

*EKO^{vigile} : Up to 25m interdistance, average 8lux, Uniformity 0.2
For the record, moonlight = 0.5 lux*

WITHOUT EKO^{VIGILE}



Street

Extinction

COMPARATIVE INSTALLATION LED.

DURING WINTER PERIOD.

A SERVICE AT **LOWER COST**

On LED lighting device
1H STREET EXTINCTION
MORNING & EVENING

=

5H PAID WITH GLOWING EKO^{VIGILE}
financed

Lighting
CLASSICAL
in winter season

17H-23H
6H-8H

8
hours
of street lighting

7H
TOTAL SWITCH OFF

Yearly consumption
= 110 KWH

lighting with
EKO^{VIGILE}

Fonctional
17H-22H
7H-8H

EKO
22H-1H
5H-7H

6H STREET LIGHTING+
5H D'EKO

Yearly consumption
= 82 KWH

WITH EKO^{VIGILE}

-25% CONSUMPTION

+37% SERVICE RATE

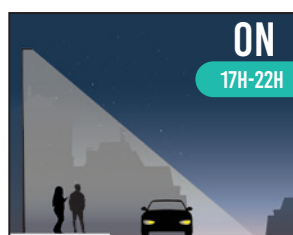
YEARLY SAVING : 28 kWh

+ ENVIRONMENTAL BENEFITS
Narrower illuminated area,
less impact on wildlife

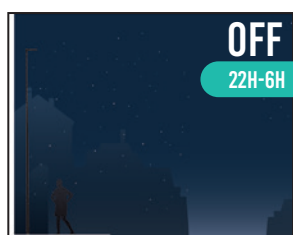
EXAMPLE PEDESTRIAN TRAFFIC & ROADS / SUPPORT AT THE SIDEWALK BACK

LED CLASSICAL LIGHTING

Example of winter use



LED lighting on
from 5:00 p.m. to 10:00 p.m.
in winter

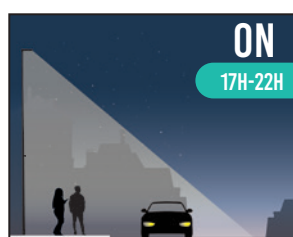


LED lighting off
from 10 p.m. to 6 a.m.
in winter



LED lighting on
from 6:00 a.m. to 8:00 a.m.
in winter

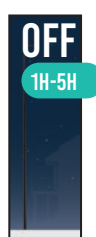
WITH THE SUPPORT OF EKO^{VIGILE} IN FRONT LIGHT



LED lighting on
from 5:00 p.m. to 10:00 p.m.
in winter



EKO lighting on
from 10 p.m. to 1 a.m. in winter



EKO lighting on
5:00 a.m. to 7:00 a.m. in winter



LED lighting on
from 6:00 a.m. to 8:00 a.m.
in winter

✓ Meets the requirements of the decree of December 27, 2018 relating to the prevention, reduction and limitation of light pollution.



MATERIALS AND FINISHES

- Luminaire body in injected foundry.
- IK08 screen-printed glass
- Mixed cast aluminum and steel surface mounting, inclination 0° to 10°
Compatible with all media
- Choice of RAL thermolocking, seaside option on request.

EQUIPMENT

• IP66 OPTICAL UNIT:

- Class II luminaire
- 4 LEDs
- PMMA lenses
- Standard optics: PCY
- Lifetime: 100,000 hours, L90B10
- ULR < 1%, CIE code flux 3 > 95%
- Color temperature: 2700K recommended
- 4m pre-wiring

• APPARATUS :

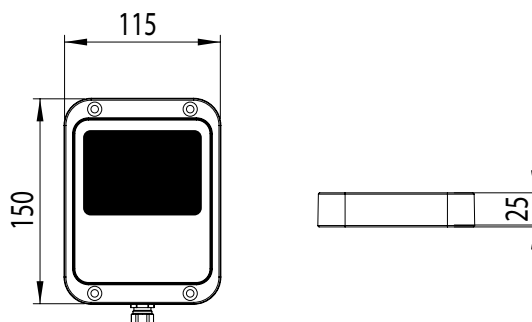
- IP66
- Automatic switching module included

• All our components are ENEC certified

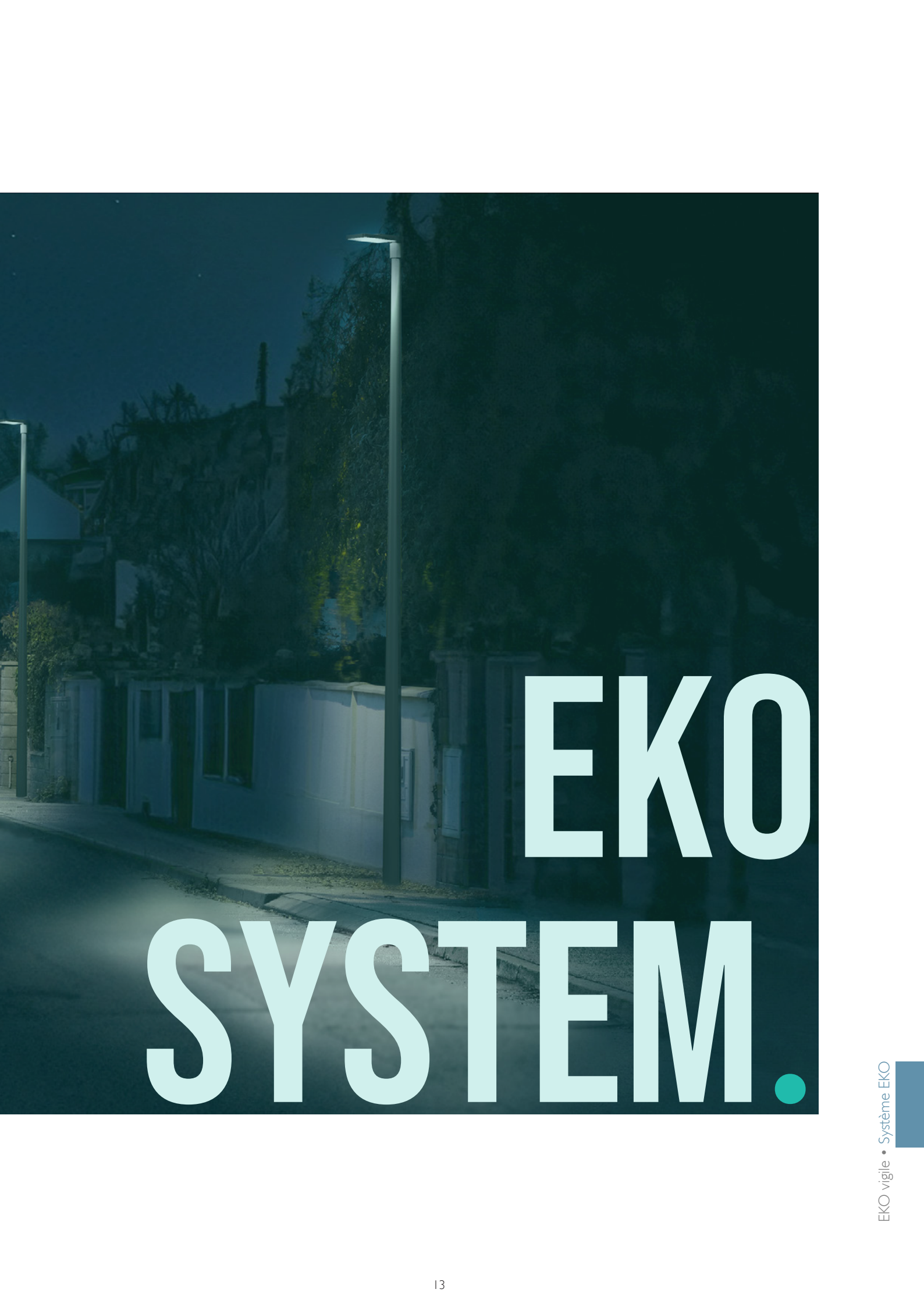
INSTALLATION PRICIPLES

- 3 - 4m high on support
- Up to 25m interdistance
- Insert
- Cable pass

DIMENSIONS OF THE LUMINAIRE







EKO SYSTEM.

EKO SYSTEM.

For new installations, rather than extending the extinguishing range, integrating an EKO module into traditional equipment enables service to be maintained.

EKO EQUIPMENT COMPATIBLE WITH **ALL LUMINAIRES**
LOLITA, MERCURE, FABIO & RETROFIT



Equipment architecture subject to change

Our objective: The system integrates directly into our luminaires and takes over from the street lighting during blackout periods.

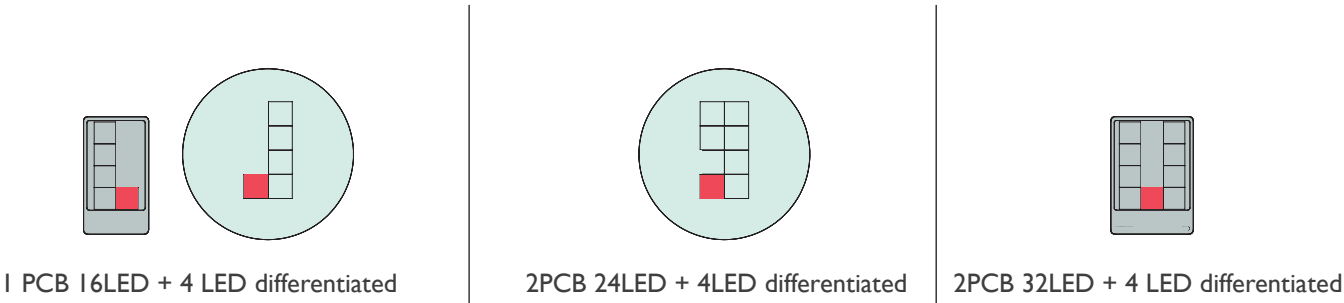
LUMINAIRE WITH PCB MIX



Lighting 100%

PCB 4 LED dedicated

Possible configurations :



 EKO integrated in the luminaire: 5 to 9W consumption on the 4 LED PCB

THE SHADES.

**COORDINATE SHADES HARMONIOUSLY,
COMBINE TONES FOR BALANCED SPACES,
THANKS TO OUR SELECTION OF AXALTA SHADES,
MATTE OR POWDER TEXTURE.**



COBALT BLUE
AE03055501320



SIGNAL BLUE
AE03055500520



CAPRI BLUE
AE03055501920



SKY BLUE
AE03055501520



LIGHT BLUE
AE03055501220



PASTEL BLUE
AE03055502420



MINT TURQUOISE
AE03056603320



EMERALD GREEN
AE03056600120



MINT GREEN
AE03056602920



RAPE YELLOW
AE03051102120



SIGNAL YELLOW
AE03051100320



MELON YELLOW
AE03051102820



PURE ORANGE
AE03052200420



TRAFFIC RED
AE03053302020



RUBY RED
AE03053300320



LIGHT IVORY
AE03051101520



CREAM
AE03059900120



IVORY
AE03051101420



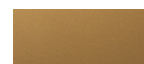
LIGHT
BRONZE C32
SD201C1164121



BRONZE
SD201C8000320



MEDIUM BRONZE
C33
SD201C8210521



GOLD
SD201C1000820



LOTUS
SD201C8214620



SIENNA
SD201C8214820



MINK 7048
SD201C7704820



NIMBUS 9022
SD201C7902220



STERLING
SD201C7357220



BROWN
SD201C8000420



DARK
BRONZE C34
SD201C8210621



Representation of colors for information only.
Colors on screen may vary from actual paint.



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