



# OXYA

*design: J.M. Wilmotte*



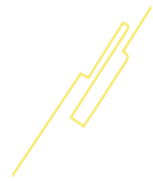


OXYA



design: Jean-Michel WILMOTTE

Luminaire:





Imagined and designed by J.M. Wilmotte to fit into many urban styles, **OXYA** uses the attractive codes of the timeless Beauregard luminaire while bringing a touch of modernism and harmony to city dwellers.

Its balanced lines allow **OXYA** to easily adapt to many urban environments from modern to the most classical architecture.



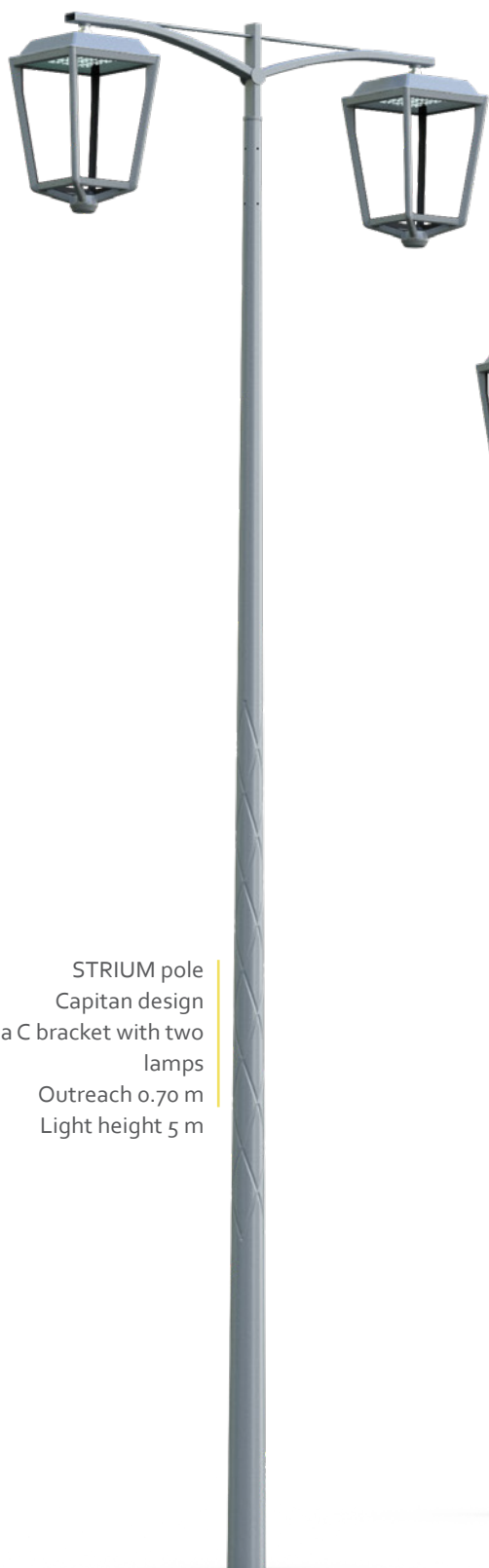




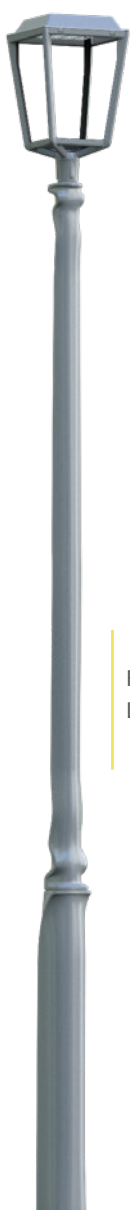
Orleane pole  
Light height 4.80 m



Koya pole  
Light height 4 m



STRIUM pole  
Capitan design  
Stanza C bracket with two  
lamps  
Outreach 0.70 m  
Light height 5 m



Festone pole  
Light height 4 m

# OXYA

design: Jean-Michel WILMOTTE



Luxem AC pole  
STRIUM Traid design  
Light height 4 m



CC pole  
Light height 4 m

## LUMINAIRE DESCRIPTION

Ghm luminaire powered by **ECLATEC** LED technology

Available in 1 size

Assembly:

Post top luminaire:

Covering fixture to a standard Ø 60/62 mm pole or to a specific

Ø 76 mm pole with Ø 60 mm tip, Len 80 mm

Fixture at the top of the pole, locked using 6 M8 screws

Suspended luminaire:

Attachment using a swivel joint Ø 27 pdg mounted on the luminaire

Components:

Die-cast aluminium body

PPC bowl : Polycarbonate Flat Light

VPS bowl : Flat, screen-printed glass

Finish: Polyester powder coating, choice of RAL colours.

Ingress protection: IP 66, as per the EN 60 529 standard.

Extruded silicone seal

Anchored cable gland

Luminaire ventilation through an active carbon filter

PPC Bowl: IK 10

VPS Bowl: IK 09

Optical system:

Standard LED strips (BLS), equipped with **QUADRALENS** lenses.

Standard average colour temperatures: 2400 K, 2700 K,

3000 K or 4000 K.

Class I and II.

ULR < 1%.

Weight - Surface area:

9.6 kg - 0.14 m²

Luminaire qualifying for Energy Savings Certificates.

## MATERIAL ASSESSMENT

**OXYA PCC:** Aluminium 73%, Other 10%, Steel 9%, Plastic 8%

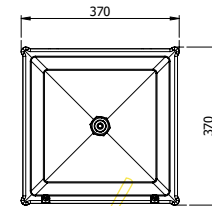
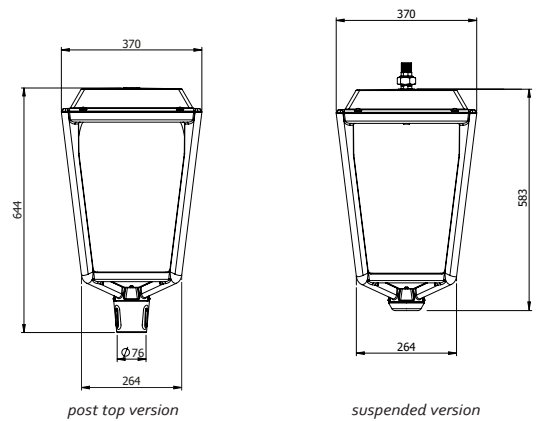
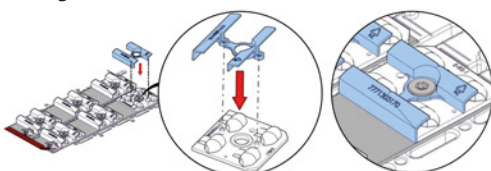
**OXYA VPS:** Aluminium 66%, Glass 14%, Other 9%, Steel 8%, Plastic 3%

High level of recyclability.

Compliant with the RoHS directive.

## Backlight shield reduction

Backlight shield



OXYA

## SPECIFICATIONS

	OXYA
Removable modules	BLS strips
Reflector and distribution variants	ERS, ERL, ERE, ECa, ECb, LRL, LRS, EPD, EPG, PFA
Backlight shield option <sup>(1)</sup> factory or on site assembly	✓
SMART-READY <sup>(2)</sup> by Eclatec / construction	✓
DALI option construction	✓
CA5 option factory programming	✓
FC option factory programming	Compatible with standard version and CA5, DE + CA5 or DALI options
DE+ CA5 option factory programming	✓
DE option configurable on site	✓
DE+ COM option configurable on site	✓
DEP option configurable at the foot of the pole	✓
DEDP option configurable at the foot of the pole	✓
REP + CA2P option configurable at the foot of the pole	✓
CA2P Bluetooth option	✓
FP option	✓
Communicating detection option	✓
WIZARD Option Remote management	✓

(1) Barn door except for ECa and level 1E

(2) Communicating system pre-configuration: wired Sensor Ready driver type and base as per Zhaga consortium

Key:

**ERS:** Standard road lighting (solution that privileges inter-distances), **ERL:** Wide road lighting (solution that privileges inter-distances), **ERE:** Narrow road lighting (solution that privileges inter-distances), **ECa:** Circular "a" type lighting, **ECb:** Circular "b" type lighting, **EPD:** Zebra crossing lighting Right, **EPG:** Zebra crossing lighting Left, **PFA:** Asymmetrical beam projection, **LRS:** Standard road luminaire (solution that privileges uniformity), **LRL:** Wide road luminaire (solution that privileges uniformity), **REP:** Adjustable current, **CA2P:** 2 segment dimmer calculator, **CA2P Bluetooth:** Dimmer calculator with up to 6 segments, Bluetooth configuration, **CA5:** 5 segment dimmer calculator, **DE:** Motion detector, **DEP:** Motion detector built into the luminaire configurable at the foot of the pole, **DEDP:** Offset motion detector configurable at the foot of the pole, **DE + CA5:** Motion detector and dimmer calculator, **DALI:** Compatible with the DALI protocol, **FC:** Compensated flow **DE + COM:** Wireless communicating detection.

✓ : Available as an option - : Not available

### MECHANICAL INTERFACES



#### Post top luminaire:

Fixture to a standard  $\varnothing 60/62$  mm pole or to a specific  $\varnothing 76$  mm pole with  $\varnothing 60$  mm tip.

Fixture at the top of the pole, locked using 6 M8 screws.

#### Suspended luminaire:

Fixture using a  $\varnothing 27$  pdg swivel joint mounted on the luminaire.

### MAINTENANCE



#### Luminaire opening and closure:

Opening and closure using 2 quick-thread screws  
Cover supported by a safety stand



#### Source maintenance:

Direct access to the module once the cover is open, removable module

Power supply using a quick connection

### COMPATIBLE WITH THE FRENCH "LIMITATION OF LIGHT POLLUTION"

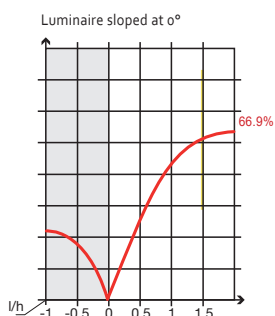
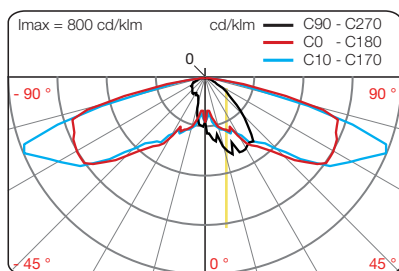
DECREE of 27 December 2018 (outside specific restriction zones):

All OXYA luminaire versions

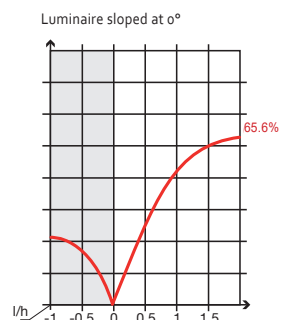
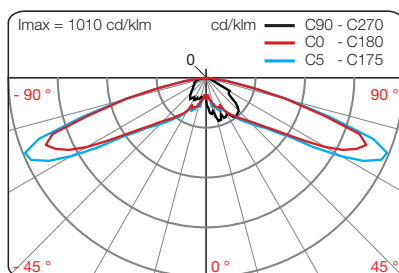
- luminaire ULR: less than 1%
- CIE flux code n°3: greater than 95%
- Colour temperatures as per legal provisions (2400 K to 3000 K)
- Surface density determined by the GHM design office after project data analysis
- Light backlight shields:
  - option, barn doors adapted to LED sources
  - installation recommendations making it possible to define light trespass
- Supply of all mandatory information required by the manager using a flashcode

### PHOTOMETRIC DISTRIBUTION

#### OXYA - ERS



#### OXYA - ETS





Edition  
**02/2021**

Rue Antoine Durenne  
52220 SOMMEVOIRE - FRANCE  
Phone: +33 (0)3 25 55 43 21  
Fax: +33 (0)3 25 55 62 88

**[www.ghm-eclatec.com](http://www.ghm-eclatec.com)**  
**[info@ghm-eclatec.com](mailto:info@ghm-eclatec.com)**