

# OXYA

*design: J.M. Wilmotte*

Ghdm



OXYA

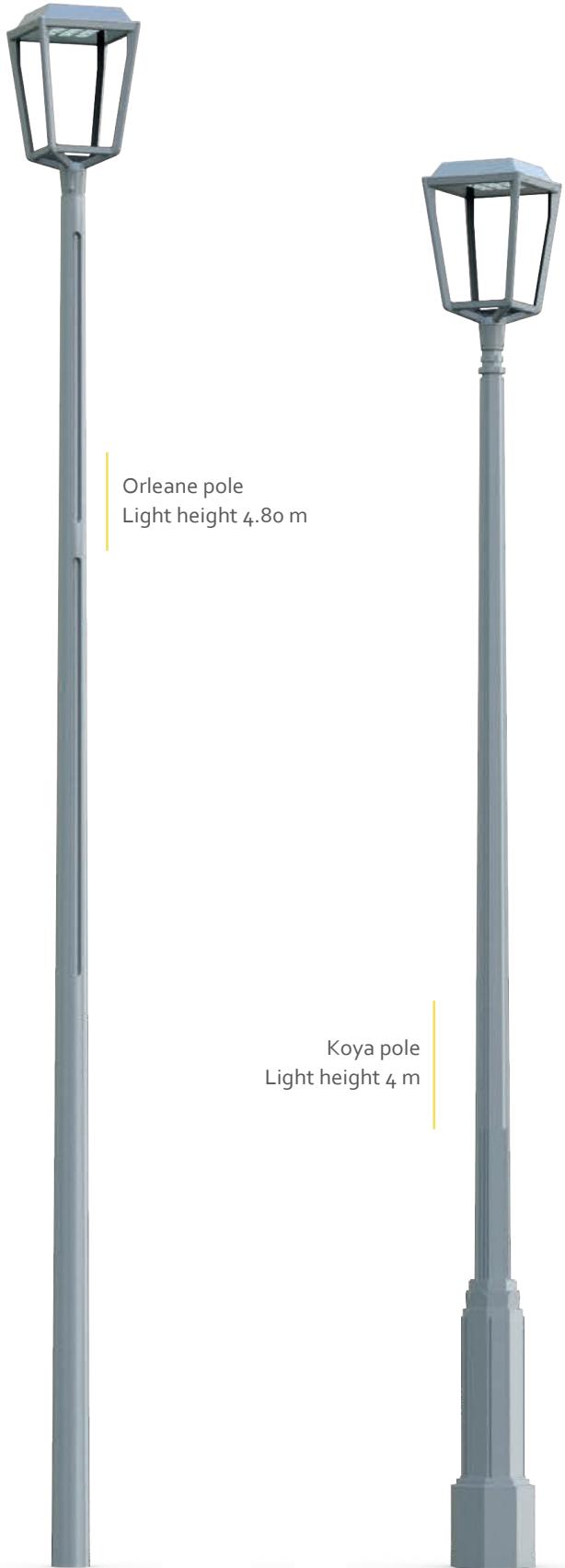
design: Jean-Michel WILMOTTE

Luminaire

Imagined and designed by J.M. Wilmette 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



OXYA

design: Jean-Michel WILMOTTE



# OXYA

## LUMINAIRE DESCRIPTION

LED Ghm technology luminaire ECLATEC

Available in 1 size

Assembly:

Supported 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.

Protection rating: 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 m<sup>2</sup>

Luminaire qualifying for Energy Savings Certificates.

## MATERIAL ASSESSMENT

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

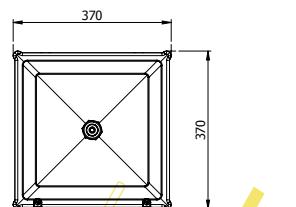
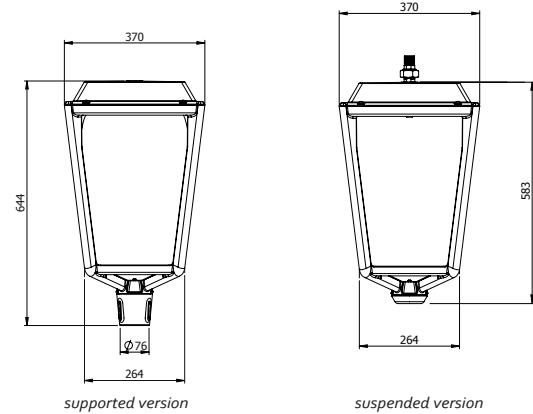
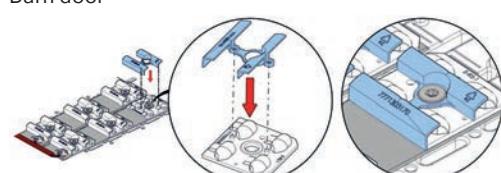
**OXYA VPS:** Aluminium 66%, Glass 14%, Other 9%, Steel 8%, Plastic 3%

High level of recyclability.

Compliant with the RoHS directive.

## Back flow reduction

Barn door



OXYA

## SPECIFICATIONS

OXYA	
Removable modules	BLS strips
Reflector and distribution variants	ERS, ERL, ERE, ECa, ECb, LRL, LRS, EPD, EPG, PFA
Barn door 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" typelighting, **ECb:** Circular "b" typelighting, **EPD:** Zebra crossing lighting Right, **EPG:** Zebra crossing lighting Left, **PFA:** Asymmetrical beam projection, **LRL:** Standard road luminance (solution that privileges uniformity), **LRL:** Wide road luminance (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



#### Supported luminaire:

Fixture to a standard Ø 60/62 mm pole or to a specific Ø 76 mm pole with Ø 60 mm tip.

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

#### Suspended luminaire:

Fixture using a Ø 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" ORDER

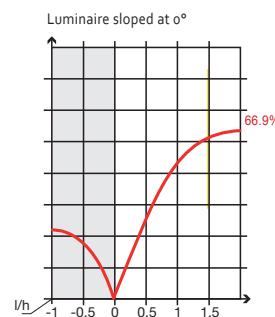
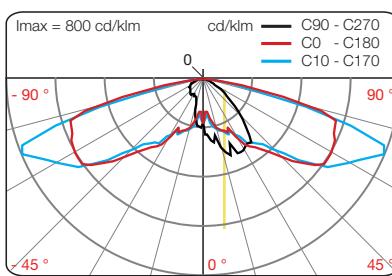
of 27 December 2018 (outside specific restriction zones):

#### All OXYA luminaire versions

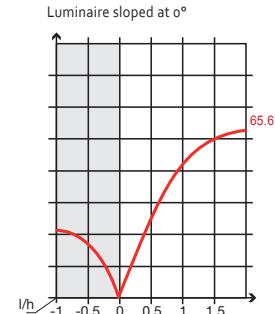
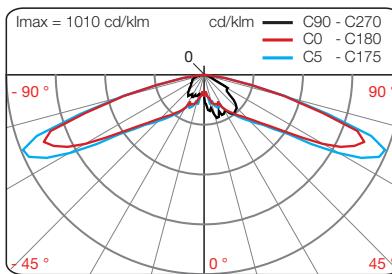
- luminaire ULR: less than 1%
- CIE flux code n°3: greater than 95%
- Colour temperatures as per legal provisions (2400 K to 3000 K)
- Surface density determined by the GHM design office after project data analysis
- Light trespass:
  - option, barn doors adapted to LED sources
  - installation recommendations 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





## led verlichting

banken

afvalbakken  
custom made producten

houten lichtmasten

stalen lichtmasten

*solar verlichting*

lichtzuilen

bandstand

boomroosters

plantenbakken

fietsrekken

*klassieke lichtmasten*

openbare verlichting

terrein verlichting

afzetpalen

standbeelden

kunst

bollards

fonteinen

Auteursrechten en intellectuele eigendomsrechten

Het auteursrecht op deze brochure berust bij GHM Eclatec B.V. of bij derden (GHM SA en Eclatec SAS) welke met toestemming dit (beeld) materiaal beschikbaar hebben gesteld aan GHM Eclatec B.V. Vermenigvuldiging in wat voor vorm dan ook is alleen toegestaan na voorafgaande toestemming door GHM Eclatec B.V.

Copyright © 2019 GHM Eclatec BV.

Foto credits: ©Eclatec, ©Fotolia, ©Shutterstock. ©GHM  
Alle rechten voorbehouden

GHM Eclatec BV Tinstraat 91 2984 AN Ridderkerk 0031 (180) 745043  
info@ghm-eclatec.nl www.ghm-eclatec.nl KVK Rotterdam 53536991

Onderdeel van Agora Technologies