

SETS

MINIME.



CHRYSLIS

MINIME.

There are places where functionality takes precedence and design can be kept **simple, minimalist.**

In this offer, you'll find two possible answers to this type of space:

- With the **Minime set**: soft lighting of small roadways, parking lots, squares, residential areas, playgrounds...
- With **Ultra Minime Set**, marking out footpaths or cycle paths. An alternative to bollard lighting that maximizes the distance between two points of light, while minimizing the visual impact of supports on the landscape.

The Minime collection is a sober response to the needs of these spaces, treating lighting and design with the same imperative.

MINIME.

Sets for living areas

Minime Rectangle

Minime Round



MINIME^R.



MINIME, A CONTEMPORARY SET, ALL IN SOBRIETY,
WITH A MINIMAL VOLUME WHICH INTENDS IT FOR

RESIDENTIAL SPACES

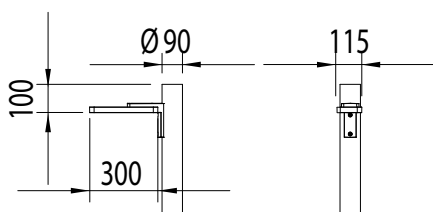
SET COMPOSITION

Tubular aluminium pole Ø90mm

Aluminium wall bracket

Rectangular fixture

DIMENSIONS



5m

4m

3m

✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Lighting fixture's body in injected casting
- IK08 screened glass bowl
- Aluminium casting «applique» fixation at 100 mm of the top of the pole
- Cylindrical aluminium pole
- RAL powder coating of your choice, seaside option on request

EQUIPMENT

• IP66 OPTICAL BLOCK :

- Class II luminaire
- 1 PCB, 16LED or equivalent
- PMMA lenses
- Optics on request : Road (R), Semi urban (SU), Urban (U), Place (P), Cycling path (PCY), Pedestrian path.
- Flux table on demand
- Lifetime for 3000K : 100 000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%
- Color temperature: 3000K standard. 2700, 2200 and 1800K as an option
- Precabing

• REMOTE DEVICE AT THE FOOT OF THE POLE :

- IP66 sealing
- 50W liteprog driver with 3 operating ranges (one lowering level, programming on demand) to be placed at the foot of the pole
- Waterproof connectors for cabling between luminaire and driver
- Electrical connection box between terminal block and circuit breaker

• All our components are ENEC certified



MINIME^{CR} .



SQUARE POLE

RECTANGULAR LUMINAIRE

✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Die-cast luminaire body 115x300mm
- Serigraphed glass bowl IK08
- Surface mounting 100mm from top of mast, in cast aluminum
- Square aluminum pole
- Choice of RAL powder-coating, seaside option on request.

WIND ZONE

Square 100mm	
3m	All zones
4m	Zone 1.2.3.4
Others on request	

EQUIPEMENT

• CLASS II RECTANGULAR LUMINAIRE

• OPTICAL BLOCK IP66 :

- 1 PCB, 16LED or equivalent
- PMMA lenses
- Choice of optics: Road (R), Semi-urban (SU), Urban (U), Square (P), Cycle path (PCY), Pedestrian crossing.
- Flow chart on request
- Service life for 3000K: 100,000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%.
- Color temperature: 3000K as standard. 2700, 2200 and 1800K as optional.
- Factory-prepared

• - REMOTE INSTALLATION AT MAST FOOT :

- Programmable 50W driver 3 operating ranges (including one set-back stage)

• CONNECTIVITY :

- Box with terminal block and circuit breaker

• POLE :

- Square pole 100x100mm
- Door :
- Mounting plate: centre distance 200x200mm (special holes to compensate for to compensate for parallelism of the solid).

• All our components are ENEC certified

COMPLETELY FACTORY **PRE-ASSEMBLED**
TO SPEED UP ON-SITE INSTALLATION

SET COMPOSITION

Square aluminium pole 100x100mm

Floor mounting plate, center distance 200x200mm.
*Adjustable plate to compensate for differences in the
parallelism of massifs.*

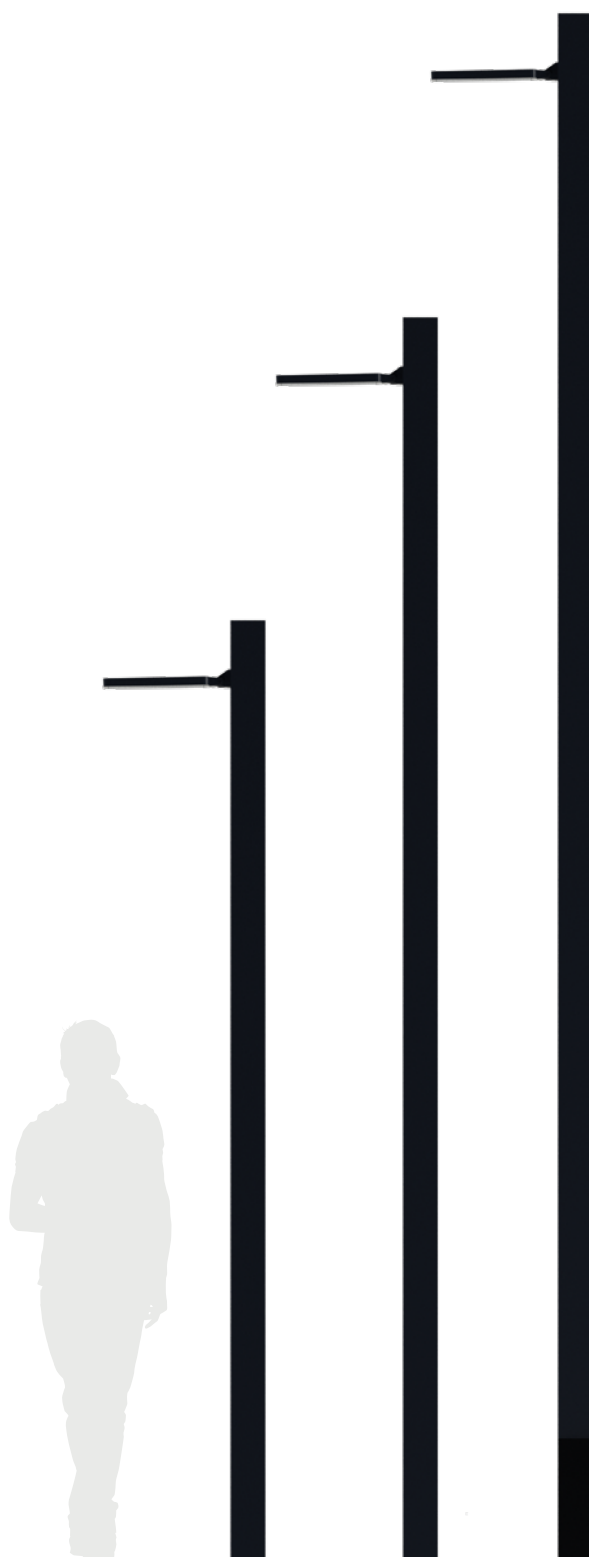
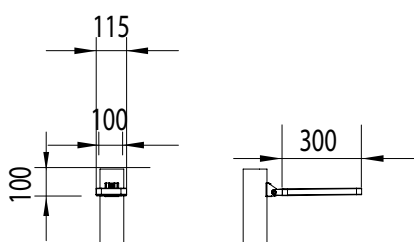
Articulated mounting

Rectangular luminaire

Integrated connection box

Mast foot driver with mounting bracket

DIMENSIONS



5m

4m

3m

Minime rectangle round • UltraMinime



Die-cast aluminium body

Equipment at the foot of the pole

IK08 sealed tempered flat glass bowl

Precabled fixture

PMMA lenses - selected optics according to requirements of conformity with
decree in force - Zhaga PCB

THINNESS FOR ON-SITE INTEGRATION AND LOW WIND RESISTANCE

- 25mm thickness
- SCX reduced to minimum

ROBUSTNESS AND ANTI-VANDALISM

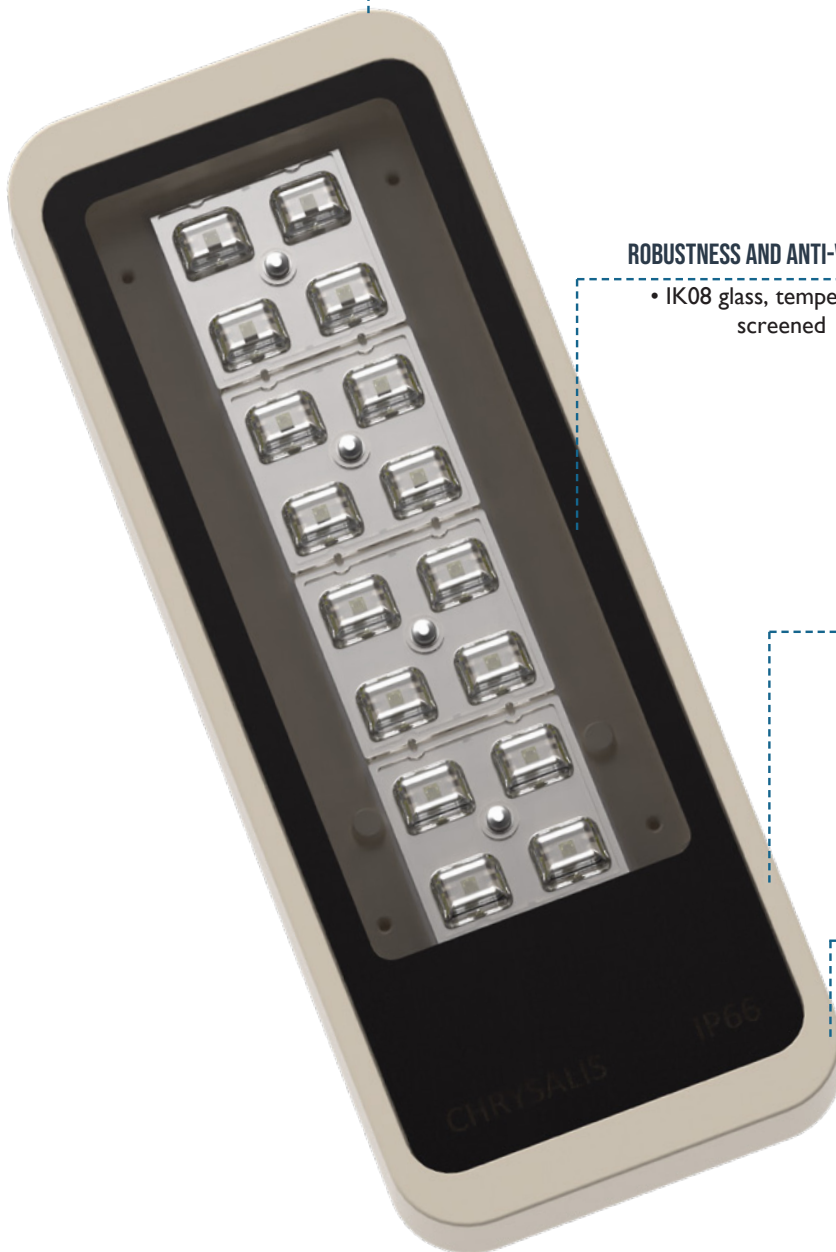
- IK08 glass, tempered and screened

LIFETIME

- Concept scellé

ENVIRONMENTAL COMPLIANCE

- satisfies with ULOR requirements
ULR < 1%,
CIE flux code 3 > 95%





MINIME^D.



✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Lighting fixture's body in injected casting
- IK08 screened glass bowl
- Aluminium casting «applique» fixation at 100 mm of the top of the pole
- Cylindrical aluminium pole
- RAL powder coating of your choice, seaside option on request

EQUIPMENT

• IP66 OPTICAL BLOCK :

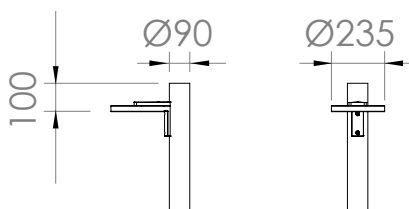
- Class II luminaire
- 1 PCB, 16LED or equivalent
- PMMA lenses
- Optics on request : Road (R), Semi urban (SU), Urban (U), Place (P), Cycling path (PCY), Pedestrian path.
- Flux table on demand
- Lifetime for 3000K : 100 000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%
- Color temperature: 3000K standard. 2700, 2200 and 1800K as an option
- Precabing

• REMOTE DEVICE AT THE FOOT OF THE POLE :

- IP66 sealing
- 50W liteprog driver with 3 operating ranges (one lowering level, programming on demand) to be placed at the foot of the pole
- Waterproof connectors for cabling between luminaire and driver
- Electrical connection box between terminal block and circuit breaker

• All our components are ENEC certified

DIMENSIONS



SET COMPOSITION

Tubular aluminium pole Ø90mm

Aluminium wall bracket

Round fixture



5m

4m

3m



MINIME^{CD} .



SQUARE POLE

ROUND LUMINAIRE

TECHNIQUE

MINIME^{CD}

✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Die-cast luminaire body Ø235mm
- Serigraphed glass bowl IK08
- Surface mounting 100mm from top of mast, in cast aluminum
- Square aluminum pole
- Choice of RAL powder-coating, seaside option on request.

WIND ZONE

Square 100mm	
3m	all zones
4m	Zone 1.2.3.4
Other on request	

EQUIPMENT

• CLASS II ROUND LUMINAIRE

• OPTICAL BLOCK IP66 :

- 1 PCB, 16LED or equivalent
- PMMA lenses
- Choice of optics: Road (R), Semi-urban (SU), Urban (U), Square (P), Cycle path (PCY), Pedestrian crossing.
- Flow chart on request
- Service life for 3000K: 100,000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%.
- Color temperature: 3000K as standard. 2700, 2200 and 1800K as optional.
- Factory-prepared

• REMOTE DEVICE AT THE FOOT OF THE POLE :

Programmable 50W driver 3 operating ranges (including one reverse stage)

• CONNECTIVITY :

- Box with terminal block and circuit breaker

• POLE :

- Square barrel 100x100mm
- Door :
- Mounting plate: centre distance 200x200mm (special holes to compensate for parallelism of the solid.)

• All our components are ENEC certified

COMPLETELY FACTORY **PRE-ASSEMBLED**
TO SPEED UP ON-SITE INSTALLATION

SET COMPOSITION

Square aluminium pole 100x100mm

Floor mounting plate, center distance 200x200mm.
*Adjustable plate to compensate for differences in the
parallelism of massifs.*

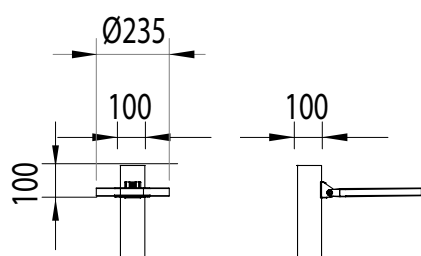
Articulated mounting

Round luminaire

Integrated connection box

Mast foot driver with mounting bracket

DIMENSIONS



5m

4m

3m

Minime rectangle round • UltraMinime



Die-cast aluminium body

Equipment at the foot of the pole

IK08 sealed tempered flat glass bowl

Precabled fixture

PMMA lenses - selected optics according to requirements of conformity with
decree in force - Zhaga PCB

**THINNESS FOR ON SITE INTEGRATION AND LOW
WIND RESISTANCE**

- 25mm thickness
- SCX reduced to minimum

ROBUSTNESS & ANTIVANDALISM

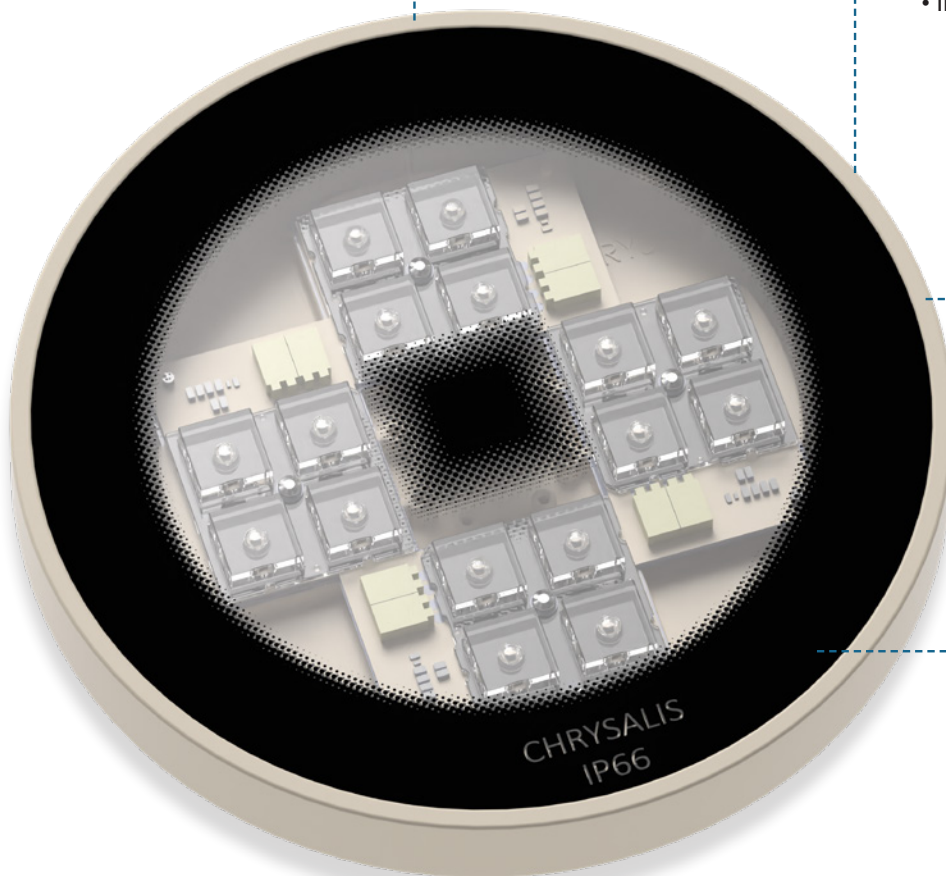
- IK08 glass bowl, tempered and sealed

LIFE TIME

- Sealed module

ENVIRONMENT COMPLIANCE

- satisfies with ULOR requirements
ULR < 1%,
CIE flux code 3 > 95%

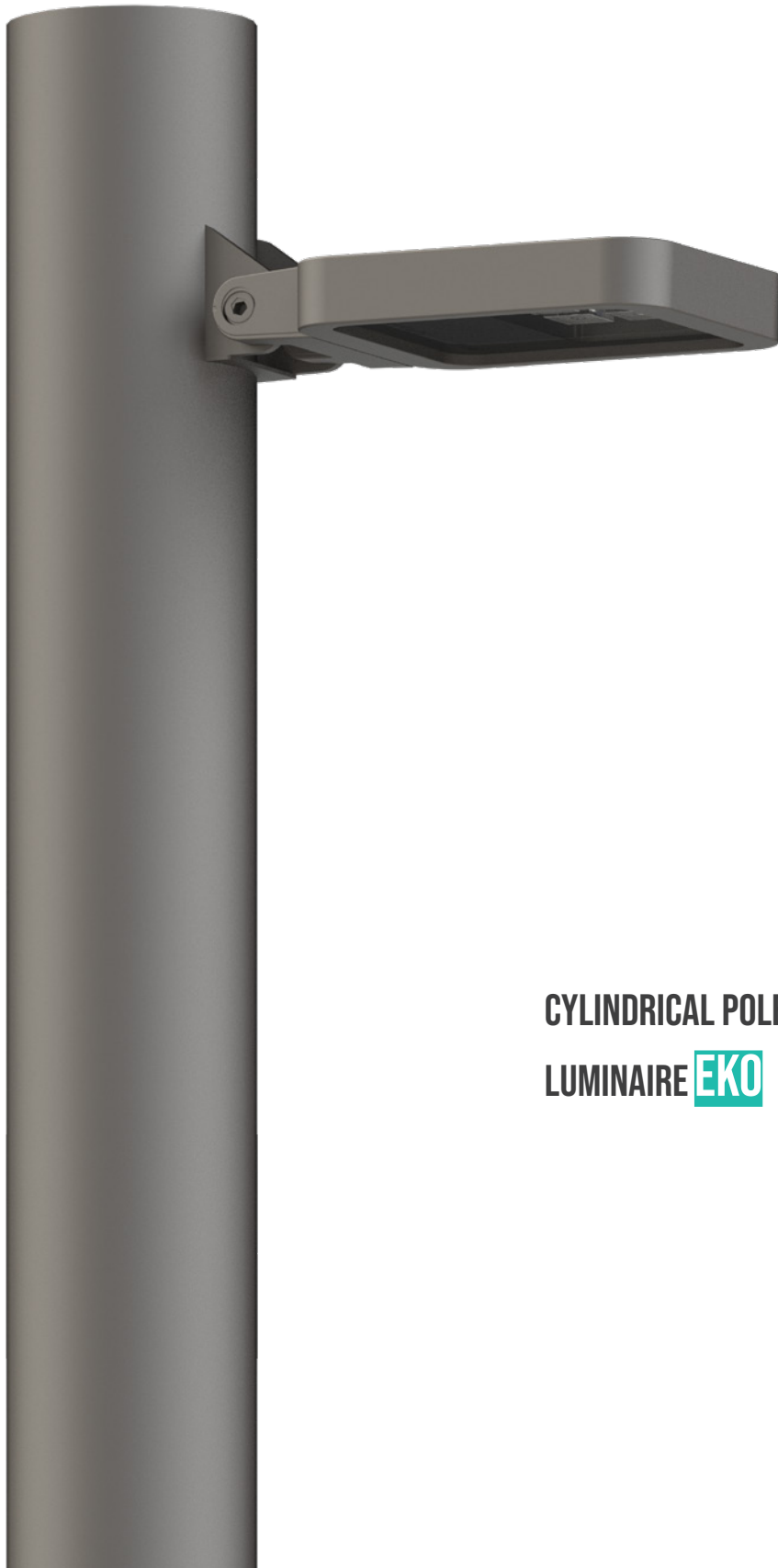








ULTRAMINIME^{TE}.



CYLINDRICAL POLE
LUMINAIRE **EKO**

ULTRAMINIME^{TE}

✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Die-cast luminaire body 115x150mm
- Serigraphed glass bowl IK08
- Surface mounting 100mm from top of mast, in cast aluminum
- Aluminum tubular pole
- Choice of RAL powder-coating, seaside option on request.

WIND ZONE

Ø 90mm	
3m	All zones
4m	All zones
Other on request	

EQUIPMENT

• ROUND LUMINAIRE CLASSE II

• OPTICAL BLOCK IP66 :

- 4LED
- PMMA lenses
- Standard optics: PCY
- Flux tables on request
- Service life for 3000K: 100,000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%.
- Color temperature: 3000K as standard. 2700, 2200 and 1800K as optional.
- Factory-prepared

• REMOTE DEVICE AT THE FOOT OF THE POLE :

- Driver 22V- No lowering possible in ø90mm pole (*Lowering solution possible with other pole section/ Consult us*)

• CONNECTIVITY :

- Box with terminal block and circuit breaker

• POLE :

- Tubular pole Ø90mm
- Door :
- Mounting plate: center distance 200x200mm (special holes to compensate for parallelism).

• All our components are ENEC certified

COMPLETELY FACTORY **PRE-ASSEMBLED**
TO SPEED UP ON-SITE INSTALLATION

SET COMPOSITION

Aluminum tubular pole Ø90mm

Floor mounting plate, center distance 200x200mm.
*Adjustable plate to compensate for differences in the
parallelism of massifs.*

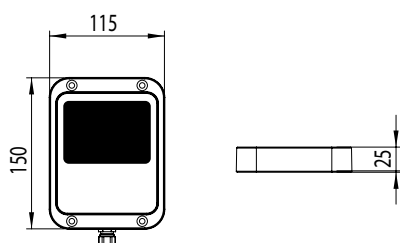
Articulated mounting

Eko rectangle luminaire

Integrated connection box

Mast foot driver with mounting bracket

LUMINAIRE DIMENSION



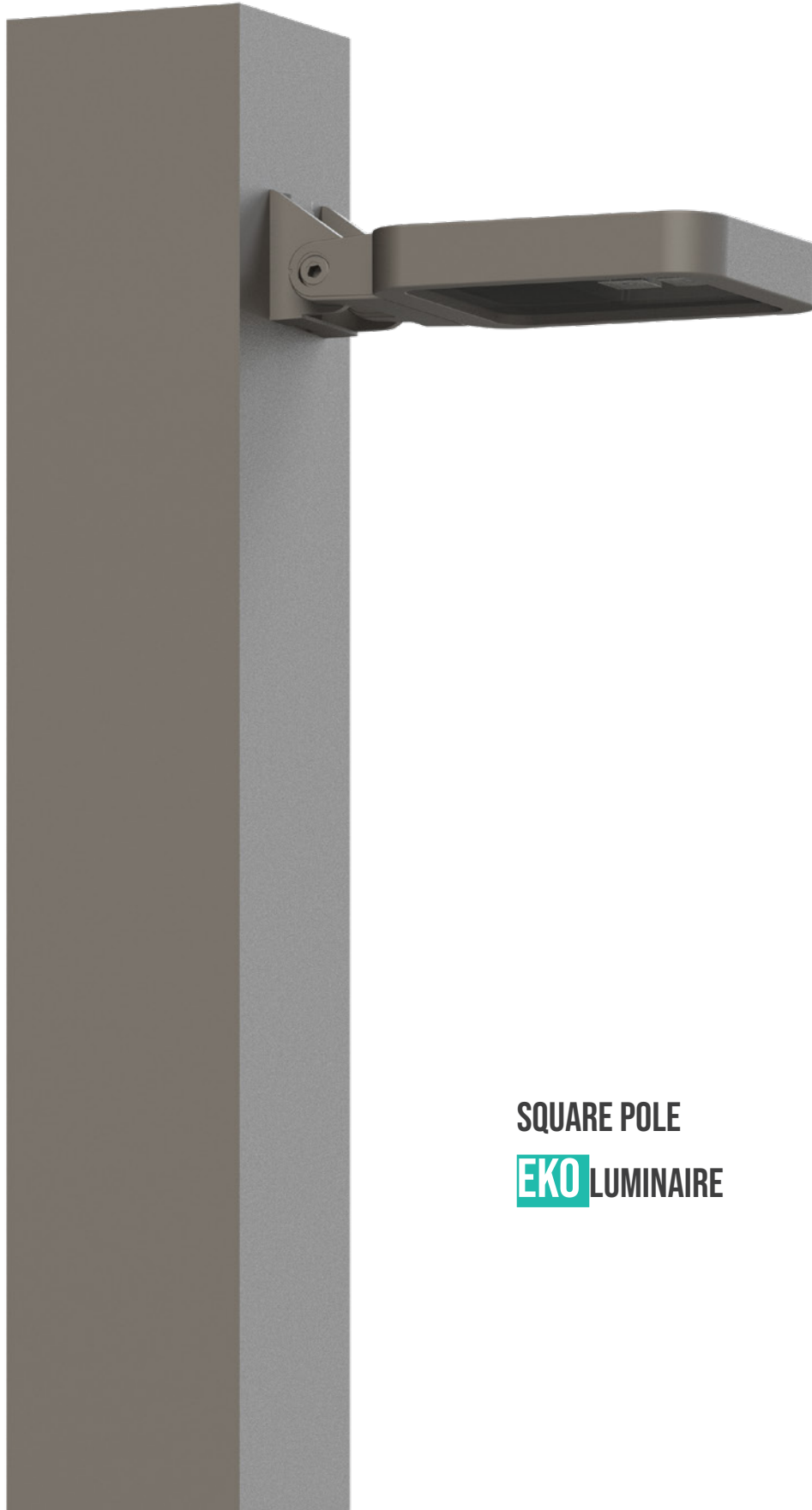
5m

4m

3m



ULTRAMINIME^{CE} .



SQUARE POLE

EKO LUMINAIRE

TECHNIQUE

ULTRAMINIME^{CE}

✓ Satisfies with the requirements of the decree of December 27, 2018 regarding light pollution.



MATERIALS AND FINISHES

- Die-cast luminaire body 115x150mm
- Serigraphed glass bowl IK08
- Surface mounting 100mm from top of mast, in cast aluminum
- Square aluminum pole
- Choice of RAL powder-coating, seaside option on request.

WIND ZONE

Square 100mm	
3m	All zones
4m	Zone 1.2.3.4
Other on request	

EQUIPMENT

• ROUND LUMINAIRE CLASSE II

• OPTICAL BLOCK IP66 :

- 4LED
- PMMA lenses
- Standard optics: PCY
- Flux tables on request
- Service life for 3000K: 100,000 hours, L90B10
- ULR < 1%, CIE flux code 3 > 95%.
- Color temperature: 3000K as standard. 2700, 2200 and 1800K as optional.
- Factory-prepared

• REMOTE DEVICE AT THE FOOT OF THE POLE :

- Driver 22W- No lowering possible in 100x100 pole (*Lowering solution possible with other pole section/ Consult us*)

• CONNECTIVITY :

- Box with terminal block and circuit breaker

• POLE :

- Square pole 100x100mm
- Door :
- Mounting plate: center distance 200x200mm (special holes to compensate for parallelism).

• All our components are ENEC certified

COMPLETELY FACTORY **PRE-ASSEMBLED**
TO SPEED UP ON-SITE INSTALLATION

SET COMPOSITION

Aluminum square pole 100x100mm

Floor mounting plate, center distance 200x200mm.
*Adjustable plate to compensate for differences in the
parallelism of massifs.*

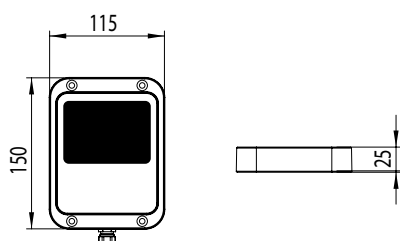
Articulated mounting

Eko rectangle luminaire

Integrated connection box

Mast foot driver with mounting bracket

LUMINAIRE DIMENSIONS



4m

3m

Minime rectangle round • UltraMinime

ULTRA MINIME.

THE OBJECTIVE OF ULTRA-MINIMALISM IS NOT
THE SEARCH FOR LUMINOUS EFFICIENCY,
BUT THE **VOLUMETRIC PERCEPTION**
OF THE SOFT CIRCULATION SPACE

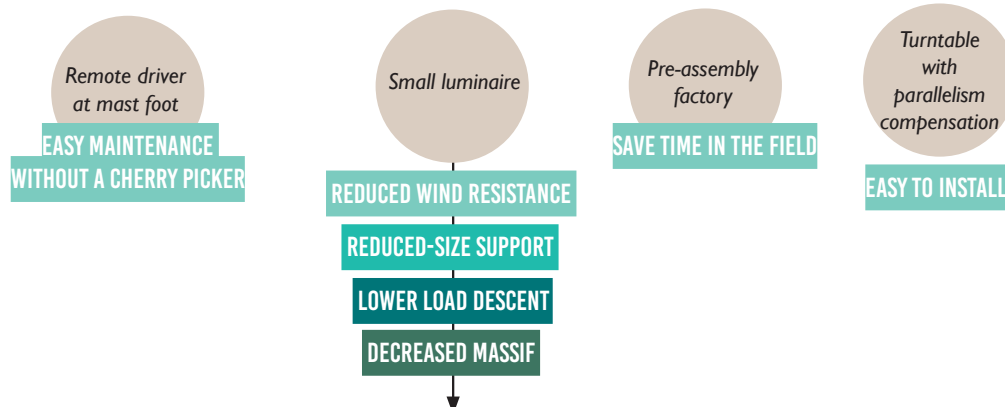


Bicycle path without lighting



Bicycle path with Ultra Minime set

ADDED TO THIS IS A **REDUCTION IN THE CARBON IMPACT**
OF INSTALLING THIS EQUIPMENT



CONSUMPTION ULTRA MINIME SET.



Ultra-minimal lighting on in winter
5pm to 1am & 6am to 8am

IT'S NOT ABOUT LIGHTING ALL THE SOFT PATHS

IT'S ABOUT :

- ENHANCE ACCESS TO HEAVELY USED AREAS
- VISUALIZE AREAS OF CONFLICT BETWEEN CARS AND PEDESTRIANS

ULTRA MINIME
SET

5PM-1AM
6H-8H



10
HOURS
OF LIGHTING

LOW-COST SERVICE



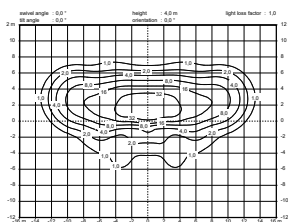
Annual consumption
= 23KWH

100% SERVICE RATE

OPTICS & PHOTOMETRY.

FOR ROADS

R optic, 16 LED, 3700lm, 25W, 4m

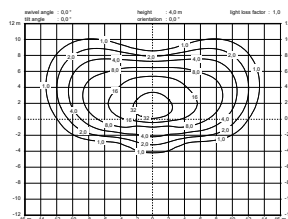


The “R” road optic allows spacing up to $4.5 \times h$ (lighting height), for an equal lighting height to the width of the roadway: $L=h$.

This lens is ideal for road illumination and allows a good control of retro-illumination

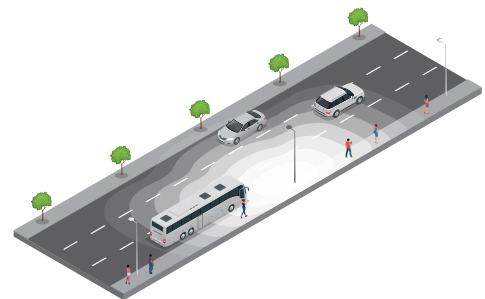


U optic, 16 LED, 3700lm, 25W, 4m



The urban “U” optics optics allows the illumination of wider roads with lower lighting height than the road width. Recommended spacing is $4.5 \times h$ for a carriageway width of $1.5 \times h$.

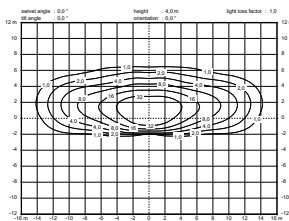
This optics makes it possible to reduce the lighting height allowing in the meantime a satisfactory backlighting control.



FOR SPECIFIC APPLICATIONS

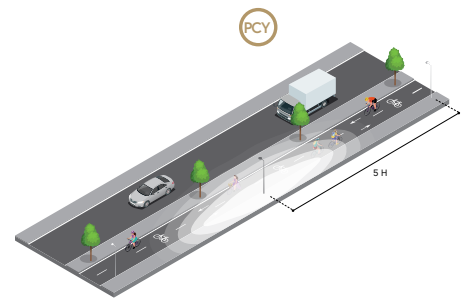
(P and PCY optics are only available for high power LEDs)

PCY optics, 16 LED, 3700lm, 25W, 4m

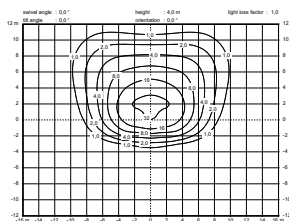


The «PCY» Cycle Paths optics allows spacing up to $5 \times h$ (lighting height), for a recommended light slightly less than the width of the roadway: $L < h$.

D. This optics is ideal for narrow streets and lanes illumination, allowing a satisfactory **backlighting control** thanks to its light screen.

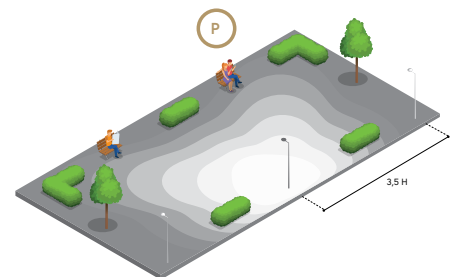


P optics, 16 LED, 3700lm, 25W, 4m



The «P» Place optic allows spacing up to $3.5 \times H$ (fire height), the illuminated width is equal to $2 \times H$ (H = fire height).

This optics is ideal for squares and car parks illumination, allowing a satisfactory **backlighting control** thanks to its light screen.



THE NUANCES.

LET'S COORDINATE «LES NUANCES» **HARMONIOUSLY**
AND COMBINE TONES FOR THE UPMOST **BALANCED**
PERSPECTIVES THANKS TO OUR SELECTION OF AXALTA COLORS
IN 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



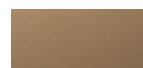
LIGHT IVORY
AE03051101520



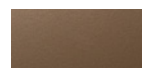
CREAM
AE03059900120



IVORY
AE03051101420



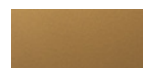
LIGHT
BRONZE C32
SD201C1164121



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



