



URBAN CX

A blend of classic design and modern technology

LIGHT WITH STYLE: MS LUX AMBIENT LIGHTING

The combination of classic design with modern technology creates an elegant and durable light option for different environments. This light fitting offers high efficiency, long life and minimal environmental impact thanks to advanced LED technologies. The old-town design adapts to parks, trails and squares, while the black colour of the housing provides a refined look that easily fits into different architectural styles.



Light characteristics

Luminous flux	2600 – 9000lm
Colour temperature (CCT)	3000 K (2200/2700/4000 K option)
Luminous efficacy	116 - 135lm/W
Colour rendering index (CRI)	> 70, (80 option)
Protective cover	PMMA, PC
LED lifetime L90B10	> 100,000h
SDCM/ McAdam	< 5
ULOR	0% (full cutoff)
UV, IR radiation	0%
Warm-up time	< 0.5s
Lens type	Individual asymmetric/symmetric

Certificates, Standards

CE marking	Yes
ENEC certificate	Yes
EMC certificate	Yes
LVD certificate	Yes
ENV certificate	Yes
Impact resistance	IK 09
Resistance to water and dust penetration	IP 66
Vibrations	Yes
Salt mist	Yes
RoHS	Yes
Warranty	6 years
Possibility of extending warranty	Yes

Electrical characteristics

Input voltage	220-240V AC
Operating frequency	50-60Hz
Power factor	> 0.95
Electrical protection class	Class I
Ambient temperature	-35°C +55°C
Overvoltage protection (kV) options	CM – 10kV DM – 10kV
Zhaga (from Zhaga Book 18)	Yes

Control

Autonomous control	AstroDim
Luminous flux control	DALI-2
Control range	10-100%
Dim-to-off	Yes
Built-in CLO system (option)	Yes
Wireless driver programming	NFC

Mechanical characteristics

Housing material	Robust aluminium
Corrosion protection	Electrostatic coating powder/paint
Cooling system	Passive-internal radiator, External flat heat dissipator
Outer surface	Slightly inclined to achieve self-cleaning effect
Power off switch	No
Clips, fasteners, screws material	Inox, Brass
Lens material	PMMA, PC
Colour	Black (RAL 9005)
Opening the housing without tools	No
Light fitting housing gaskets	Silicone
Max. surface exposed to wind	0.15m ²



URBAN CX

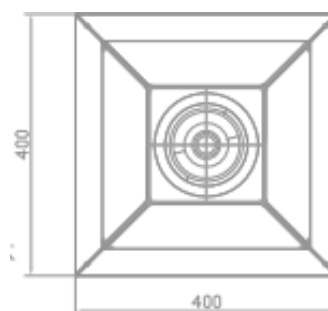
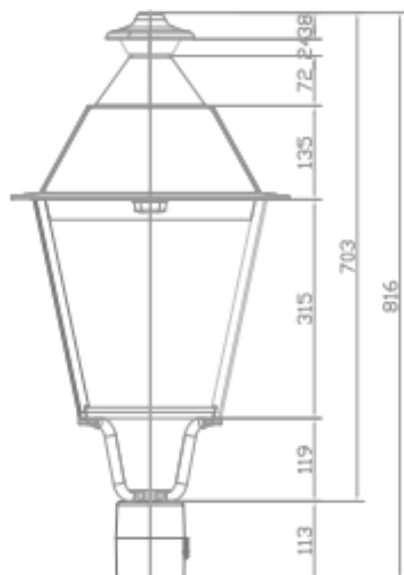


Other characteristics

Model	Light fitting power (W)	Luminous flux (lm)	Efficacy (lm/W)	CCT	CRI
Urban CX	20 - 80	2600 - 9000	116 - 135	3000	>70

Dimensions

	Width (mm)	Length (mm)	Height (mm)	Base diameter (mm)	Mass (kg)
Urban CX	400	400	816	Ø 70	6.8

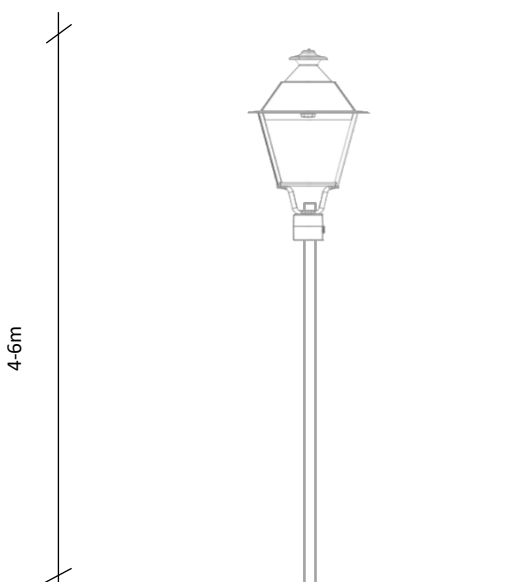


Connecting and disconnecting of the light fitting and all its parts **MUST** be done in a voltage-free state.

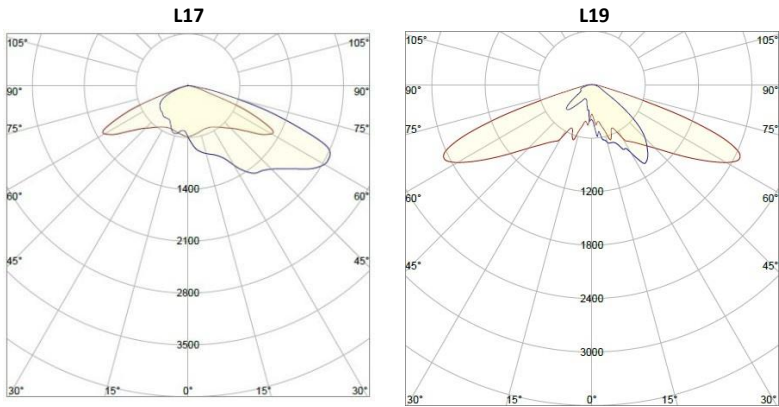
Mounting the light fitting

1. The light fitting power cord comes out of the light fitting door, where:
 - L – brown
 - N – blue
 - Grounding (GND) – yellow green
2. Bring the LV mains connection cable to the light fitting door. If an additional bracket (arm) is used, run the cable through the bracket (arm). The light fitting is connected directly to the mains with the included 3x1mm² cable (rubber) or via the WAGO 294-5013 connector.
3. Using terminal blocks, connect the phase (L), zero (N) and grounding (GND) wires correctly. The terminal blocks are not included with the light fitting.
4. Possibility of direct mounting on the mast: top (Ø 70)

Optimal mounting height (m)	
Urban PX	4 – 6



TYPICAL LIGHT DISTRIBUTION



Light fitting maintenance

Maintenance must be done in a voltage-free state, protected against accidental switching on.
If maintenance is carried out without dismantling, the light fitting must not be opened during bad weather to avoid condensation of moisture inside the light fitting.

Before closing the protective cover, the interior of the light fitting should be wiped with a dry soft cloth. In doing so, it is necessary to check the condition of the protective cover gasket and replace it if damaged.

Installation and maintenance

The light fittings may only be installed/dismantled by qualified persons authorised by the manufacturer.

In the event that the installation/dismantling is carried out by an unauthorised person, the light fitting warranty is lost.

The standard light fitting warranty is 6 years unless otherwise indicated.

The light fittings may only be serviced by the manufacturer or by an authorised repairer.

The light source located inside the luminaire may only be serviced by the manufacturer, an authorised repairer or another qualified person authorised by the manufacturer.

Torque in Nm applied to any screw fixing the light fitting to the mast: 3Nm.

Manufacturer and authorised repairer

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