

THORN
LIGHTING



URBA

Distinctive design-led luminaire family,
tailored for urban environments

ELEGANCE AND COMFORT FOR URBAN LIFE

Thorn's Urba family all feature the same design language and minimalist lighting signature. Comprising of Urba, Urba Deco and Urba Bollard, the luminaires are the perfect fit for both modern and traditional outdoor environments. Quality and innovation are conveyed through Urba's slim linear lines and contrasting colour tones. Outstanding versatility for extended application coverage is assured with multiple sizes, mounting types, optics and brackets available in the range.

All models of Urba are available in DarkSky Approved variants with warm colour temperatures and less than 1% upward light, respecting the nocturnal ecosystems of towns and cities. Thorn's innovative NightTune, Variable Light Distribution and UrbaSens lighting control options complement this further, with highly customisable light to best suit different areas in an urban environment at different times – ready for today and future-proof for tomorrow.



Urban & residential streets



Building surrounds



Parks, promenades & pathways



Parking



DARKSKY ACCREDITATION

'DarkSky' is recognised as the global authority on light pollution and is the leading organisation combating this issue worldwide.

The DarkSky Approved seal is a highly regarded accreditation for manufacturers. The process to achieve this accreditation reviews key features and benefits of a luminaire, its fundamental design and deep dive analysis of photometric data to ensure the product meets strict requirements to limit light pollution.



URBA LANTERN

EXCLUSIVELY DESIGNED FOR THORN

With distinctive slim linear lines which flow continuously between the lantern and column, Urba is simple and elegant. Minimalist styling combined with contrasting colour tones makes Urba sympathetic with both modern and traditional environments, conveying quality, innovation and respect. Available in two sizes up to 25 000 lumens and a range of mounting and optical choices, including a dedicated comfort optic, Urba offers flexible lighting design.



Urba has been designed by world renowned architects, city planners and designers, Wilmotte & Industries. Urba not only has a distinctive design, but it provides urban spaces with a unique visual identity by day and by night. With further development by Thorn's optical team, the Urba lantern delivers an optimised, comfortable light, creating a welcoming and distinctive ambience in the urban environment. The versatile Urba covers many applications, from pedestrian and cycle lanes to minor and main roads.

THORN x **W&I** WILMOTTE & INDUSTRIES
LIGHTING



URBA LANTERN

VERSATILITY AND HIGH PERFORMANCE

Urba has many excellent features and benefits, with its versatility being key. The lantern is available in a choice of two sizes, small and large, and can be configured with one of nineteen different optics to best suit the urban area, all the way from a quiet pathway to a busy town square or pedestrian crossing. Urba lantern / post-top is part of the Urba family of luminaires, alongside Urba Deco and Urba Bollard.

Security and wellbeing combined with energy saving and preserving the nocturnal ecosystem are all achievable with Urba, thanks to Thorn's NightTune and Variable Light Distribution technologies. Urba respects its local environment with no upward light (ULOR 0%) and R-PEC optics with warm colour temperatures (2200 / 2700 / 3000 Kelvin) as well as an internal louvre to control the angle of light.

Urba is future-proof thanks to an optional Zhaga interface. Zhaga provides access to a wide choice of control solutions including UrbaSens Civic Connect and City Connect. With Zhaga Up / Down / Up-Down, it's easy to connect an Urba luminaire to the digital world at any time, ensuring compatibility with advanced lighting features that help you plan, monitor and control your urban lighting network.





URBA DECO

THE ALL-ROUND DECORATIVE CHOICE

Like its sibling, the Urba post-top lantern, Urba Deco is designed by Wilmotte & Industries, continuing the unique, stylish urban lighting design philosophy, delivered exclusively by Thorn.

Urba Deco is a high-quality architectural luminaire that is both simple and sophisticated, with its minimalist design cues making it ideal for new, premium urban lighting installations and renovation of modern or historic areas, where an elegant luminaire such as this one can change the scene dramatically.

With Urba Deco, it is now possible to light a whole city with consistency in design, as the luminaire offers a wide scope of mounting variants including post-top, catenary and suspension, allowing it to cover many applications depending on the cityscape requirements. In addition, it is available with a collection of dedicated columns and brackets.



Urba Deco **Catenary**



Urba Deco **Suspended**



THORN x **W&I** WILMOTTE & INDUSTRIES
LIGHTING





URBA BOLLARD

THE URBA FAMILY'S DISTINCTIVE, DESIGN-LED BOLLARD

The stylish DarkSky approved Urba Bollard perfectly complements its versatile siblings, Urba and Urba Deco, for a contemporary yet robust luminaire that integrates easily into urban environments. With 0.5% ULOR and an asymmetric optic to minimise glare to minimise glare, Urba Bollard provides illumination precisely where it is needed while preventing unwanted light spill.

THORN x **W&I** WILMOTTE & INDUSTRIES
LIGHTING

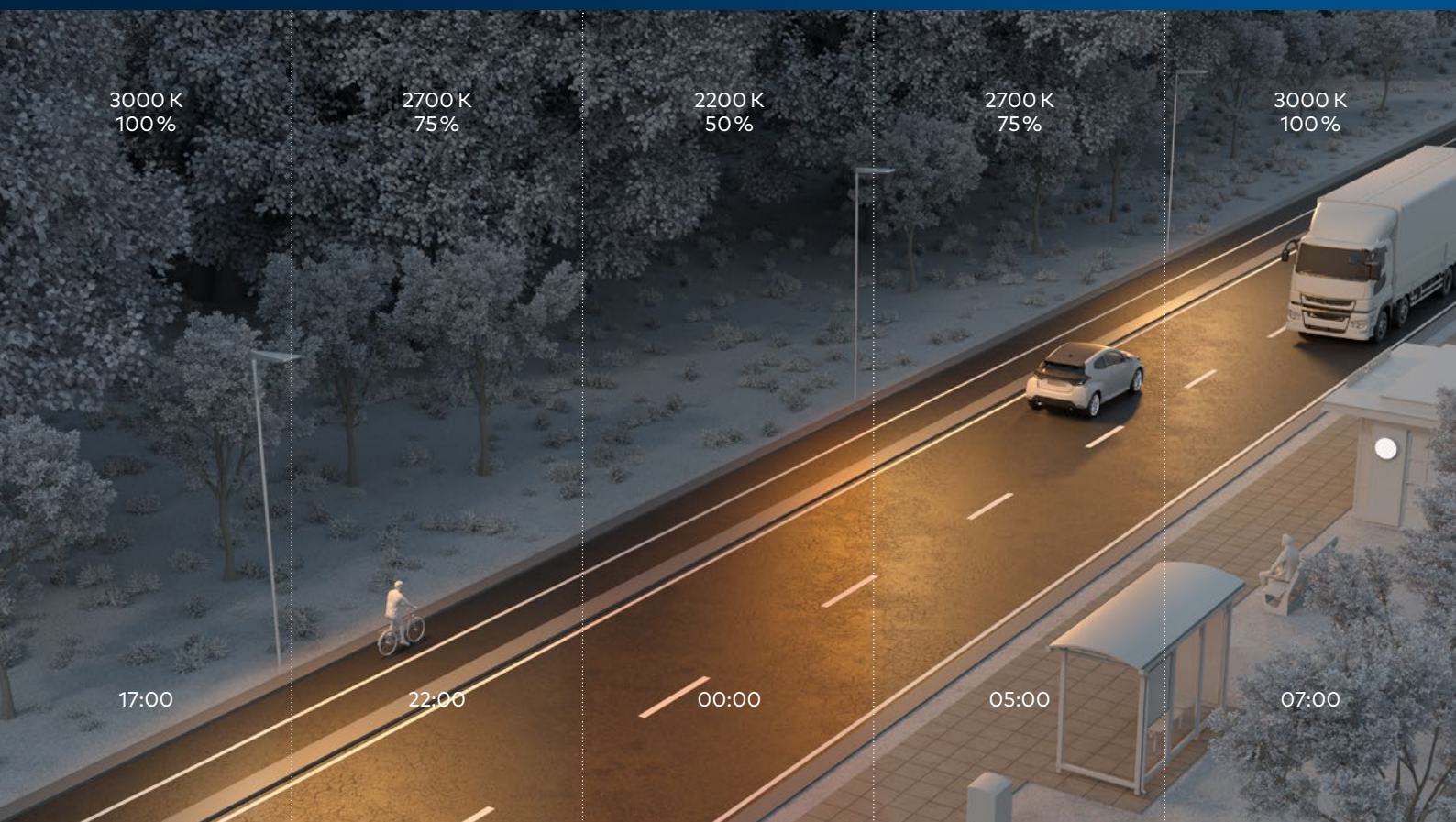


NIGHTTUNE FOR URBAN SPACES

CREATE A COMFORTABLE ATMOSPHERE AT NIGHT

In mixed-use urban areas in the evening when vehicles and pedestrians are moving around and dining and socialising is taking place, NightTune provides a moderate colour temperature. During the middle of the night, when roads, pavements and public spaces are quiet, the output of the cool LEDs is reduced, so that the light becomes dimmer

and warmer. It creates a more comfortable atmosphere while saving energy, preserving safety perception and respecting the nocturnal ecosystem. As morning approaches and traffic returns to the streets, the output of the cool LEDs increases to provide brighter, natural light that meets the higher safety demands.





CONTROL THE LIGHT

**VARIABLE LIGHT DISTRIBUTION
AND CONTROL OF GLARE**

URBASENS CIVIC CONNECT

LIGHTING CONTROL FOR TOWNS AND FEATURE AREAS



FEATURES OF CIVIC CONNECT



NIGHTTUNE

Advanced technologies are now further optimised through DALI Addressing.



AUTOMATIC LOCALISATION

Integrated GPS for easier commissioning.



INTEGRATED CONNECTIVITY

10 years of network connectivity included with IoT network (NB-IOT, CAT-M1).



INTEGRATED SIM

Sim is preloaded in the node ready for commissioning.

SHARED FEATURES



WEEKLY CALENDAR

7 day week calendar to best reflect site specific behaviours.



OVER THE AIR UPDATE

The system can be updated wirelessly once installed.



REALTIME CONNECTIVITY

With UrbaSens CIVIC CONNECT and CITY CONNECT you can send commands and retrieve information almost instantly.



LIGHT SENSOR

Advanced lux level based switching.

URBASENS CITY CONNECT

LIGHTING CONTROL FOR CITIES



FEATURES OF CITY CONNECT



MOTION SENSING

Precision based presence detection via a D4i motion sensor.



ASTRO CLOCK

Switching via local sunset and sunrise.



ENERGY REPORTING

Get exact energy saving reports.



FAULT NOTIFICATION

Alerts are available on the platform and a daily notification email is possible.



MESH AND GROUPING

The system uses 2,4 GHz mesh and manages the network itself. Up to 200 nodes per gateway.



ADVANCED MOTION SCENARIOS

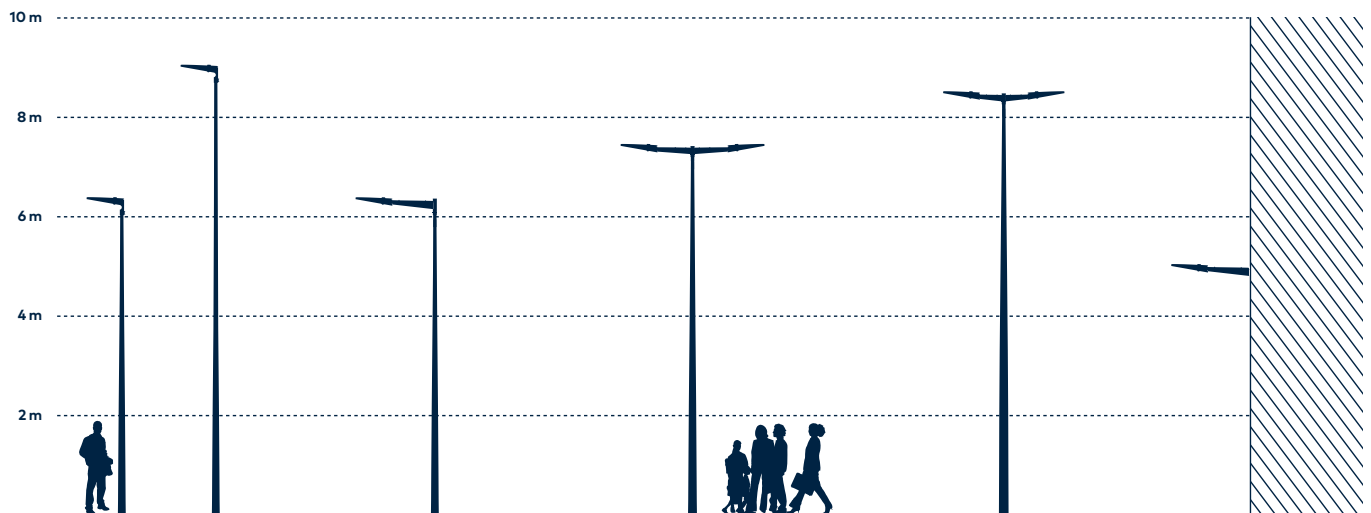
Acting as a group sensor, UrbaSens CITY CONNECT delivers a train of light, ensuring that neighbouring luminaires are gradually triggered to come on.

INSTALLATION POSSIBILITIES

URBA SMALL & URBA LARGE

Urba Small & Large

- Recommended mounting heights for Urba small: up to 6 m
- Recommended mounting heights for Urba Large: up to 9 m
- Dedicated range of columns for continuous lines from the lantern to the column
- Can be complemented with decorative brackets in single, double, wall-mounted variants

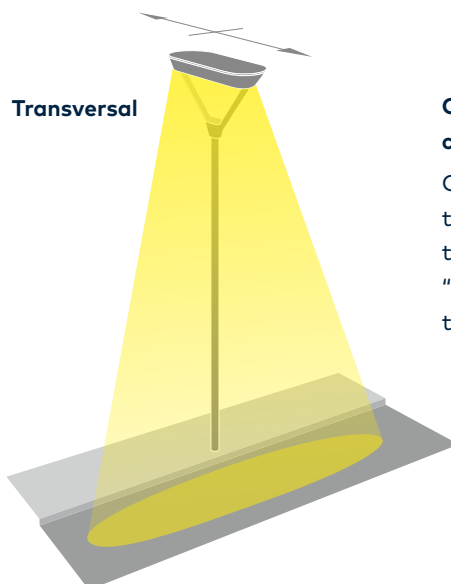
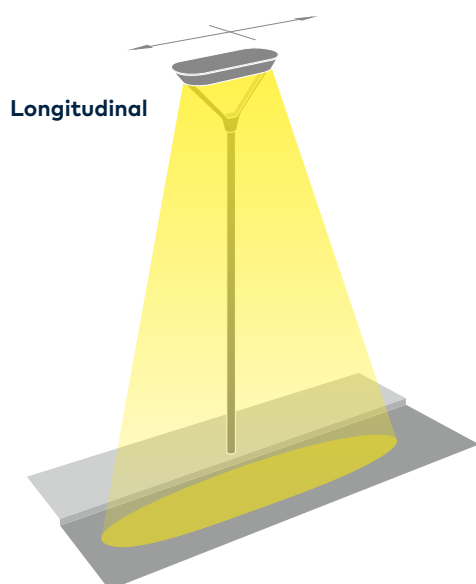
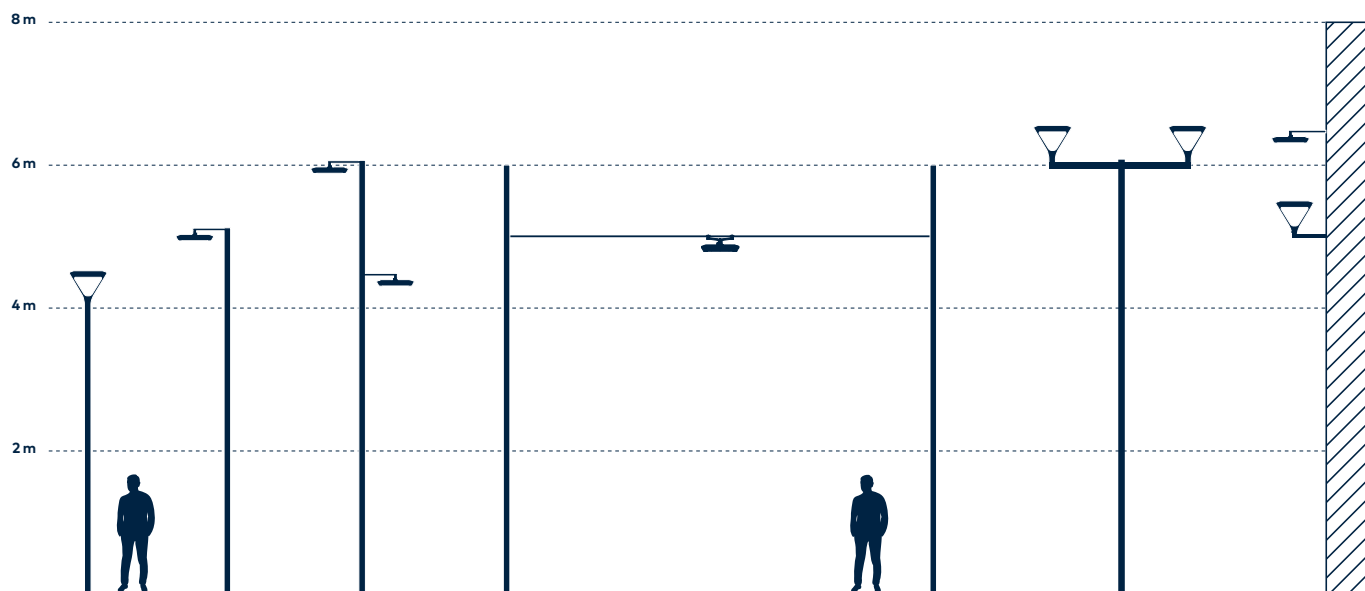


INSTALLATION POSSIBILITIES

URBA DECO

Urba Deco offers a full spectrum of mounting possibilities:

- Post-top, catenary, suspension and wall mounting
- Ease of installation with pre-wiring and tool-free removable gear tray for ease of maintenance and refurbishment
- Recommended mounting height: post-top 3 to 6 m, suspended 3 to 8 m, catenary 5 to 8 m
- Post-top: mounting on spigot / columns Ø 60 mm or Ø 76 mm: with 2 screws
- Catenary and suspension: fixing through 34G, maintenance with access from below
- Dedicated columns and brackets available



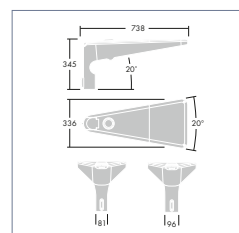
Orientation guide for customisation of your urban project

Choose the transversal version "-T" to install Urba Deco perpendicular to the road, or the longitudinal version "-L" to install Urba Deco parallel to the road.

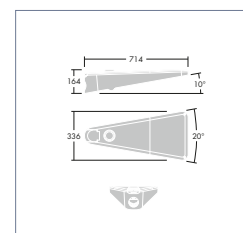
CONFIGURATION GUIDE – URBA SMALL, URBA LARGE

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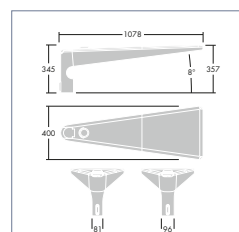
| Range | LED | mA | CRI / CCT | Optic | CLO | Dimming | DALI | Comfort | Surge protection | Connectivity | Safety | Wiring | Mounting | Colour |
|-------|------|----|-----------|-------|-----|---------|------|---------|------------------|--------------|--------|--------|----------|--|
| | | | | | | | | | | | | | | Rxxxx RAL colour option NEW WH Texturised white (R9010) ANT Texturised anthracite GY Texturised light grey BK Texturised black (R9005) T60E Mounting on Ø 60 mm pole, 0° tilt T76E Mounting on Ø 76 mm pole, 0° tilt L60E Lateral mounting Ø 60 mm |
| | | | | | | | | | | | | | | – No wiring DSx DACH Pre-wired, x m length; 1.5 mm² USx Arctic Blue Pre-wired, x m length; 1.5 mm² WSx Pre-wired, x m length; 1.5 mm² WTx Pre-wired, x m length; 2.5 mm² CL1 Electrical Class I CL2 Electrical Class II |
| | | | | | | | | | | | | | | ZD Zhaga down NEW ZU Zhaga up NEW ZUD Zhaga up and down NEW |
| | | | | | | | | | | | | | | SP 10 kV multi pulse surge protection |
| | | | | | | | | | | | | | | LV Internal backlight louvre NEW PR Prismatic filter |
| | | | | | | | | | | | | | | – optional HFX DALI-2 |
| | | | | | | | | | | | | | | – optional BPxxxx Bi-power: x-hours before midnight, x-hours after midnight, xx-dimming percentage BPL Bi-power Power line LRT Light Reduction Twin Phases MLD1 Multi-Layers Dimming scenario 1: 100%, 2 h 75%, 5 h 50%, 2 h 75%, 100% NEW |
| | | | | | | | | | | | | | | C90 Constant Light Output 90% |
| | | | | | | | | | | | | | | NR Narrow Road RWT Wet Road Comfort WR Wide Road EWR Road Extra wide NEW WS Wide Street NEW EWS Extra Wide Street WSC Wide Street Comfort EWK Extra Wide Street Comfort NEW ENR Extra Narrow Road NEW SC Street Comfort MR Medium Road NEW NR2 Narrow Road 2 NEW IVS Pedestrian Crossing RC Road Comfort TSR Tight Staggered Road NEW ES Extensive Street NEW SES Super Extensive Street NEW VS Visual Comfort, Safety (VLD) NEW VM Visual Medium (NightTune, VLD) NEW |
| | | | | | | | | | | | | | | 722-40 CRI 70 2200 K – 4000 K NEW 722-30 CRI 70 2200 K – 3000 K NEW 722 CRI 70 2200 K NEW 727 CRI 70 2700 K NEW 730 CRI 70 3000 K 740 CRI 70 4000 K 827 CRI 80 2700 K NEW 830 CRI 80 3000 K 840 CRI 80 4000 K |
| | | | | | | | | | | | | | | 35 350 mA 50 500 mA 70 700 mA |
| | | | | | | | | | | | | | | 12L 12 LEDs – Small 24L 24 LEDs – Small 36L 36 LEDs – Small 48L 48 LEDs – Large 60L 60 LEDs – Large 72L 72 LEDs – Large 84L 84 LEDs – Large |
| UA | Urba | | | | | | | | | | | | | |



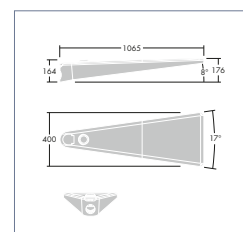
URBA SMALL POST-TOP



URBA SMALL LATERAL



URBA LARGE POST-TOP



URBA LARGE LATERAL

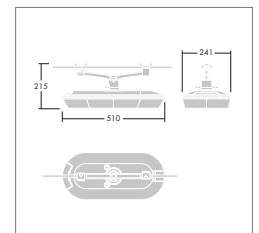
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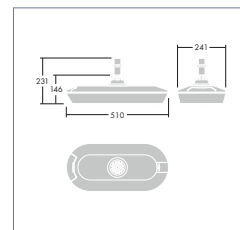
CONFIGURATION GUIDE – URBA DECO

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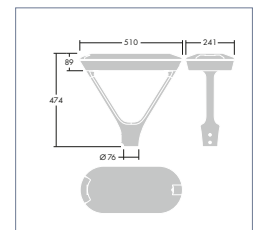
| Range | LED | mA | CRI/CCT | Optic | Comfort | CLO | Connectivity | Dimming | Controls | Safety | Wiring | Mounting | Color | |
|-------|-----------|----|---------|-------|---------|-----|--------------|---------|----------|--------|--------|----------|--|--|
| | | | | | | | | | | | | | U0 | ULOR 0% (black inner arms) |
| | | | | | | | | | | | | | Rxxxx | RAL colour option |
| | | | | | | | | | | | | | WH | Texturised white (R9010) |
| | | | | | | | | | | | | | ANT | Texturised anthracite |
| | | | | | | | | | | | | | GY | Texturised light grey |
| | | | | | | | | | | | | | BK | Texturised black (R9005) |
| | | | | | | | | | | | | T60T | Mounting on Ø 60 mm pole | Transversal mounting to street |
| | | | | | | | | | | | | T60L | Mounting on Ø 60 mm pole | Longitudinal mounting to street |
| | | | | | | | | | | | | T76T | Mounting on Ø 76 mm pole | Transversal mounting to street |
| | | | | | | | | | | | | T76L | Mounting on Ø 76 mm pole | Longitudinal mounting to street |
| | | | | | | | | | | | | MSU-T | Mounting in suspension | Transversal mounting to street |
| | | | | | | | | | | | | MSU-L | Mounting in suspension | Longitudinal mounting to street |
| | | | | | | | | | | | | MCA-T | Mounting in catenary | Transversal mounting to street (catenary only) |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | DSx | Pre-wired, 3 – 12 m, 1.5 mm², for DACH market | |
| | | | | | | | | | | | | USx | Pre-wired 1 – 12 m, 1.5 mm², HO7RNF | |
| | | | | | | | | | | | | WSx | Pre-wired, 3 – 12 m, 1.5 mm², Arctic blue for UK market | |
| | | | | | | | | | | | | CL1 | Electrical class 1 | |
| | | | | | | | | | | | | CL2 | Electrical class 2 | |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | HFX | DALI-2 | |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | BPL | Bi-Power Power Line | |
| | | | | | | | | | | | | LRT | Light Reduction Twin Phases | |
| | | | | | | | | | | | | BSxxxx | Bi-Power switchable XX | |
| | | | | | | | | | | | | BPxxxx | Bi-Power: x-hours before midnight, x-hours after midnight, xx-dimming percentage | |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | ZU | Zhaga Up | |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | CLO | Constant Light Output | |
| | | | | | | | | | | | | - | optional | |
| | | | | | | | | | | | | PR | Prismatic filter | |
| | | | | | | | | | | | | LV | Internal backlight louvre | |
| | | | | | | | | | | | | NR | Narrow Road | |
| | | | | | | | | | | | | NR-S | Narrow Road (symmetrical) | |
| | | | | | | | | | | | | WR | Wide Road | |
| | | | | | | | | | | | | EWR | Extra Wide Road | |
| | | | | | | | | | | | | EWR-S | Extra Wide Road (symmetrical) | |
| | | | | | | | | | | | | RC | Highway | |
| | | | | | | | | | | | | WS | Wide Residential | |
| | | | | | | | | | | | | EWS | Extra Wide Residential | |
| | | | | | | | | | | | | WSC | Wide Residential Comfort | |
| | | | | | | | | | | | | WSC-S | Wide Residential Comfort (symmetrical) | |
| | | | | | | | | | | | | EWC | Extra Wide Comfort | |
| | | | | | | | | | | | | RWT | Road Wet Condition | |
| | | | | | | | | | | | | RWT-S | Road Wet Condition (symmetrical) | |
| | | | | | | | | | | | | ENR | Extra Narrow Road | |
| | | | | | | | | | | | | SC | Street Comfort | |
| | | | | | | | | | | | | ES | Extensive Road | |
| | | | | | | | | | | | | ES-S | Extensive Road (symmetrical) | |
| | | | | | | | | | | | | SR | Staggered Road | |
| | | | | | | | | | | | | IVS | Pedestrian Crossing | |
| | | | | | | | | | | | | 722-40 | CRI 70 2200 K – 4000 K (NightTune) | NEW |
| | | | | | | | | | | | | 722 | CRI 70 2200 K | |
| | | | | | | | | | | | | 727 | CRI 70 2700 K | |
| | | | | | | | | | | | | 730 | CRI 70 3000 K | |
| | | | | | | | | | | | | 740 | CRI 70 4000 K | |
| | | | | | | | | | | | | 827 | CRI 80 2700 K | |
| | | | | | | | | | | | | 830 | CRI 80 3000 K | |
| | | | | | | | | | | | | 840 | CRI 80 4000 K | |
| | | | | | | | | | | | | 25 | 250 mA | |
| | | | | | | | | | | | | 35 | 350 mA | |
| | | | | | | | | | | | | 50 | 500 mA | |
| | | | | | | | | | | | | 70 | 700 mA | |
| | | | | | | | | | | | | 24L | 24 LEDs | |
| | | | | | | | | | | | | 48L | 48 LEDs | |
| UD | Urba Deco | | | | | | | | | | | | | |



URBA DECO CATENARY



URBA DECO SUSPENDED



URBA DECO POST TOP

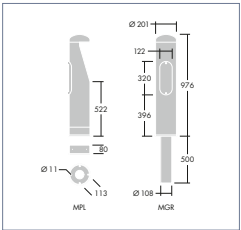
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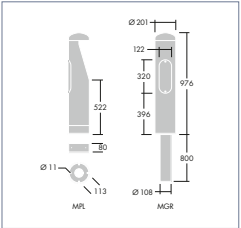
CONFIGURATION GUIDE – URBA BOLLARD

thornlighting.com/urbb

| Range | LED | mA | CRI / CCT | Safety | Mounting | Colour |
|-------|-----|------|------------|------------|---------------------------|--------------------------|
| UB | 4L | 1050 | 730 740 | CL1 CL2 | MGR 500 MGR 800 MPL | BK |
| | | | | | | Texturised black (R9005) |
| | | | | | | Short root mounting |
| | | | | | | Long root mounting |
| | | | | | | Flange mounting |
| | | | | | | Electrical Class I |
| | | | | | | Electrical Class II |
| | | | | | | CRI 70 3000 K |
| | | | | | | CRI 70 4000 K |
| | | | | | | 1050 mA |
| | | | | | | 4 LEDs |
| | | | | | | Urba Bollard |



URBA BOLLARD 500



URBA BOLLARD 800

Configure the ideal product solution with myProduct. The myProduct configurator allows you to quickly and easily configure the luminaire to suit your individual needs. Try it now at www.thornlighting.com/myproduct



DISCOVER

URBA



URBA SMALL



URBA LARGE



URBA BOLLARD

| | | | |
|--|---|--|-------------------------------|
| | 12 L – 24 L – 36 L | 48 L – 60 L – 72 L – 84 L | 4 L |
| | 2200 K / 2700 K / 3000 K / 4000 K / NightTune / Variable Light Distribution | 2200 K / 2700 K / 3000 K / 4000 K / NightTune / Variable Light Distribution | 3000 K / 4000 K |
| | Up to 11 000 lm | Up to 25 000 lm | Up to 1110 lm |
| | Up to 176 lm/W | Up to 187 lm/W | Up to 74 lm/W |
| | 70 / 80 | | 70 |
| | 0% | | 0.5% |
| | Internal backlight louvre, Prismatic filter | Internal backlight louvre | – |
| | Choice of 19 R-PEC optics | | Asymmetrical |
| | IP66 | | IP65 |
| | –25 °C to 35 °C | | –20 °C to 25 °C |
| | IK09 | | IK10 |
| | C5 | | C3 |
| | 100 000 h B10 L90 at 35 °C | | 100 000 h L98 B10 at Ta 25 °C |
| | T60 / T76 – L60 4 to 6 meters | T60 / T76 – L60 6 to 9 meters | Flange or root mounted |
| | Texturised black, texturised anthracite and 48 other RAL colors | | Texturised black |
| | 10 kV, Surge protection device | | |
| | Bi-Power, Bi-Power Line, LRT, Constant Light Output, DALI-2, Multi-Layers Dimming scenario (MLD1), Zhaga up (ZU), Zhaga down (ZD), Zhaga up and down (ZUD) | | – |
| | Prewired x metres 1,5 mm² HO7NRF, prewired x metres 2,5 mm² HO7NRF or Arctic blue wires | | – |
| | Tool-free opening | | Access door |

*Pictograms applicable to Urba Small / Large



DISCOVER

URBA DECO



URBA DECO POST TOP



URBA DECO SUSPENDED



URBA DECO CATENARY

| | | | |
|--|--|---|---|
| | 24 L – 48 L | | |
| | 2200 K / 2700 K / 3000 K / 4000 K / NightTune | | 2200 K / 2700 K / 3000 K / 4000 K |
| | Up to 10 604 lm | Up to 10 993 lm | Up to 10 993 lm |
| | Up to 169 lm/W | Up to 175 lm/W | Up to 167 lm/W |
| | 70 / 80 | | |
| | 3% white inner arms, 0% with black inner arms | 0% | |
| | Internal backlight louvre, Prismatic filter | | Internal backlight louvre |
| | Choice of 20 R-PEC optics | | Choice of 5 R-PEC optics |
| | IP66 | | |
| | -20 °C to 35 °C | | |
| | IK10 | IK09 | IK10 |
| | C3 | | |
| | 100 000 h L98 B10 at Ta 35 °C | | |
| | T60 / T76, Transversal or Lateral to the street 3 to 6 meters | 34G 3 to 8 meters | 5 to 8 meters tilt ± 15° 360° rotation |
| | Texturised black and 48 other RAL colors | | |
| | 10 kV | | |
| | Bi-Power, Bi-Power Switch, Bi Power Line, LRT, Constant Light Output, DALI-2, Zhaga Up (ZU) | | Bi-Power, Bi-Power Switch, Bi-Power Line, LRT, Constant Light Output, Zhaga Up (ZU) |
| | Prewired x meters 1,5 mm² HO7NRF or Arctic Blue wires | Prewired x meters 1,5 mm² HO7NRF or Arctic Blue wires, through the central axle | |
| | Tool-free opening | Maintenance from below | Maintenance from below |



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**5 YEAR
GUARANTEE**

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
thornlighting.com/guarantee

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10/2025 (INT)

**WE
MAKE
LIGHT
WORK**