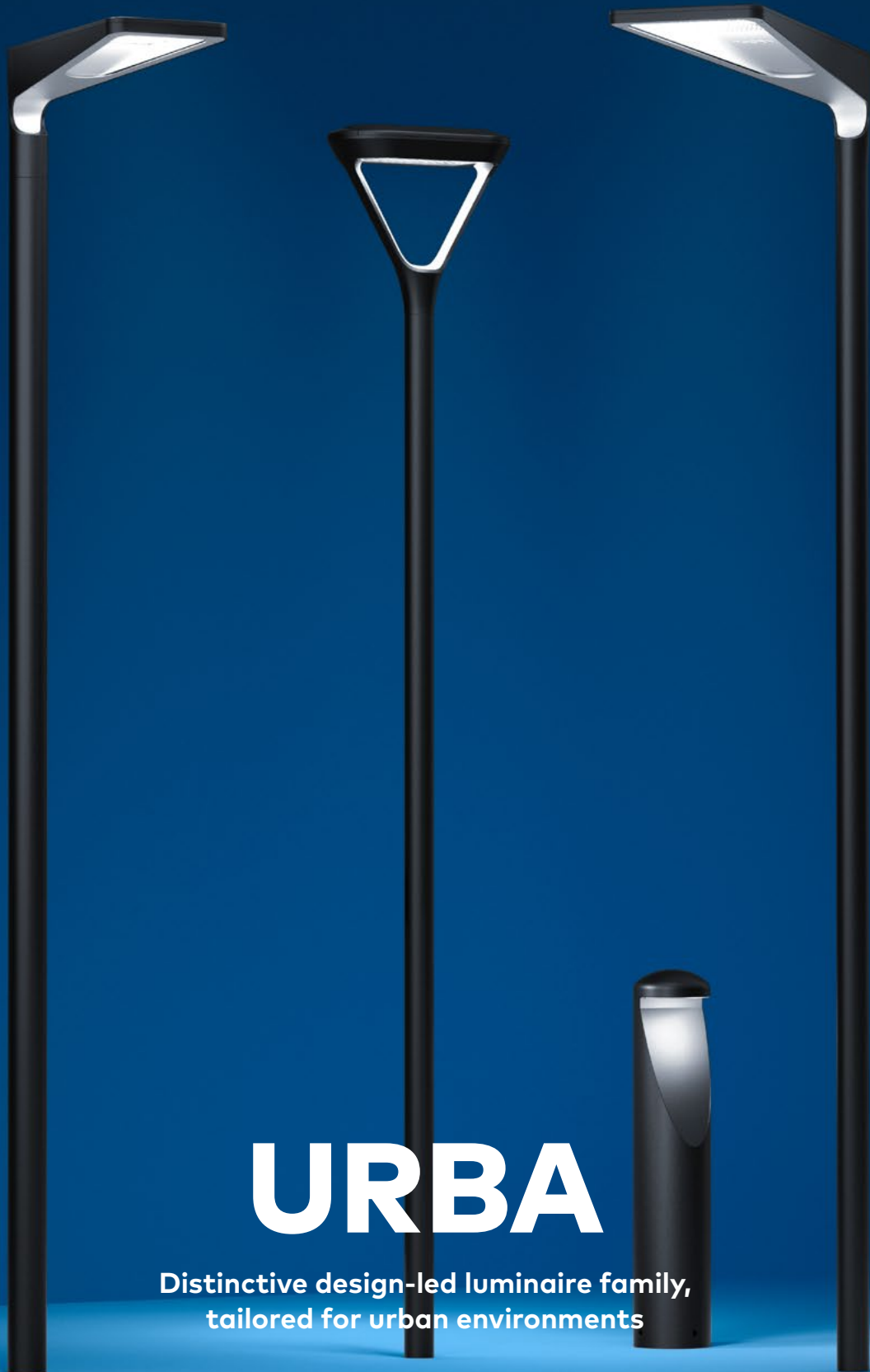


THORN
LIGHTING



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

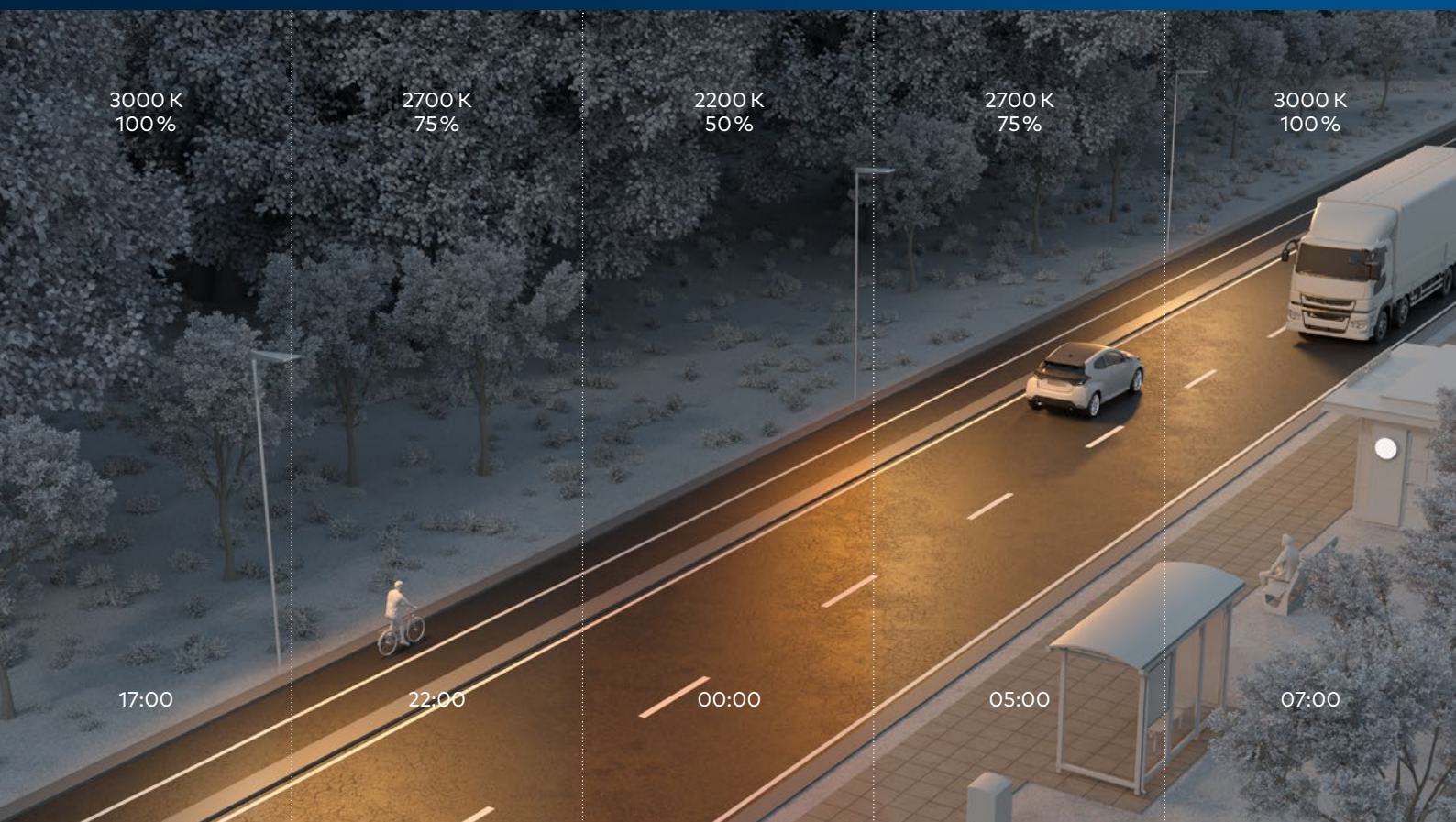


NIGHTTUNE FOR URBAN SPACES

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

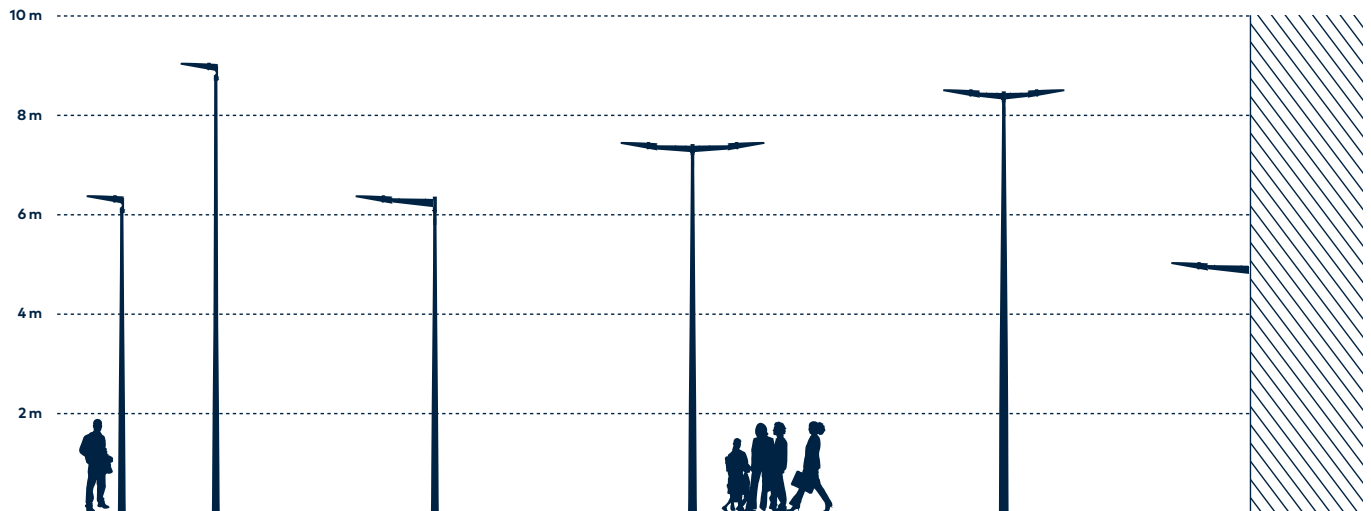
Acting as a group sensor, UrbaSens CITY CONNECT delivers a train of light, ensuring that neighbouring luminaires are gradually triggered to come on.

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

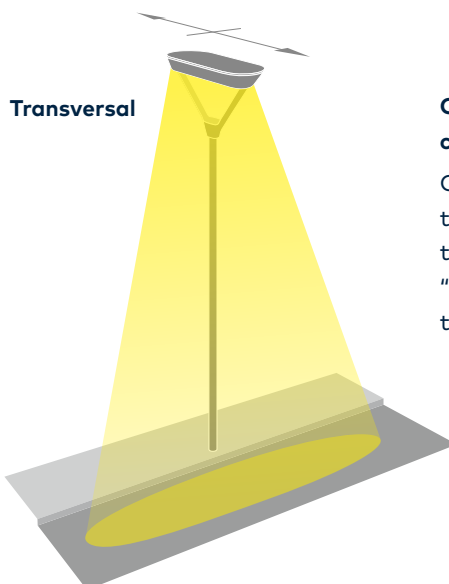
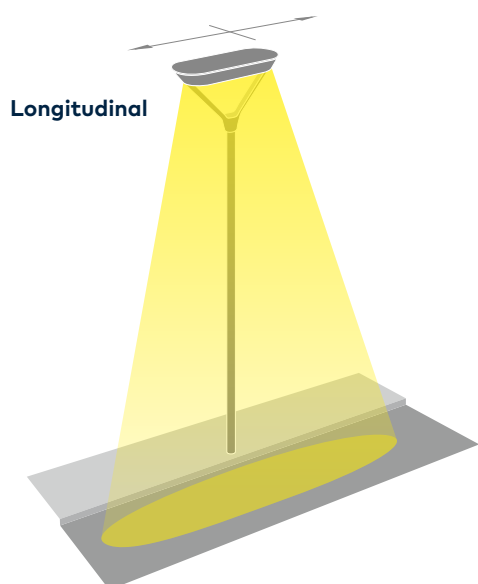
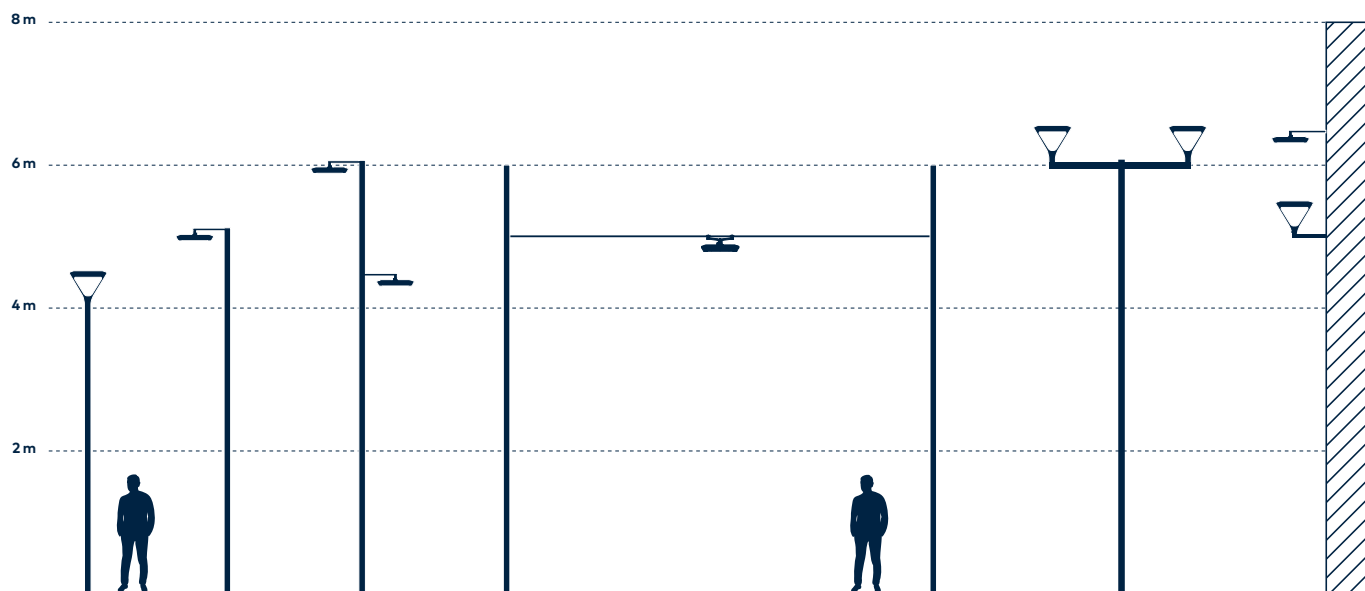


INSTALLATION POSSIBILITIES

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.

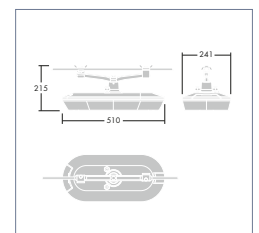
thornlighting.com/urba

Configure the ideal product solution with myProduct. The myProduct configurator allows you to quickly and easily configure the luminaire to suit your individual needs.

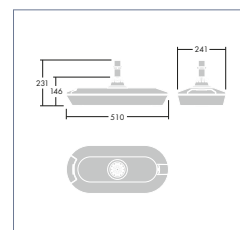
CONFIGURATION GUIDE – URBA DECO

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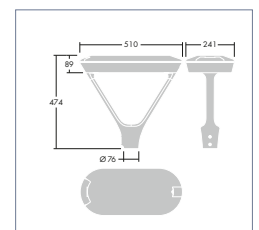
Range	LED	mA	CRI/CCT	Optic	Comfort	CLO	Connectivity	Dimming	Controls	Safety	Wiring	Mounting	Color	
													U0	ULOR 0% (black inner arms)
													Rxxxx	RAL colour option
													WH	Texturised white (R9010)
													ANT	Texturised anthracite
													GY	Texturised light grey
													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	Staggerred 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

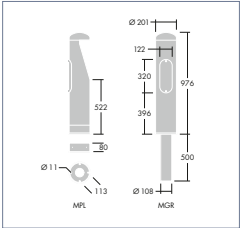
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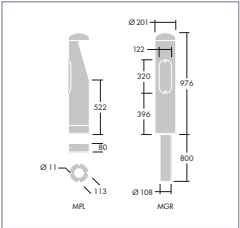
CONFIGURATION GUIDE – URBA BOLLARD

thornlighting.com/urbb

Range	LED	mA	CRI / CCT	Safety	Mounting	Colour
UB	4L	4 LEDs	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
						1050
						4L
						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 160 lm/W	Up to 165 lm/W	Up to 75 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 B10 L85 at 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 159 lm/W	Up to 164 lm/W	Up to 164 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 B10 L95 at 35 °C		
	T60 / T76, Transversal or Lateral to the street 3 to 6 meters	34 G 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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GUARANTEE**

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
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03/2025 (INT)

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MAKE
LIGHT
WORK**