

Windsor Urban

A modern classic





Classic styling, modern construction

Inspired by our flagship heritage luminaire, Windsor Urban is a traditionally styled lantern engineered for the modern world. Constructed from durable aluminium and offered with a streamlined feature set, Windsor Urban offers reliable performance with a low whole life cost.

At the heart of Windsor Urban, you'll find our range of high quality LED light engines paired with our most popular Diamond+ optics providing a cost-effective solution, ideal for large scale projects. A range of control options ensures Windsor Urban delivers added energy savings and increased value.

Key advantages

- Classically proportioned heritage-style luminaire with a streamlined feature set
- High performance LED luminaire with a low total cost of ownership
- Offered with a range of Diamond+ optics for precise beam control
- Durable aluminium construction with an injection moulded polycarbonate bowl for glass-like clarity
- Easy to install and maintain thanks to toolless entry via the hinged, sealed canopy

Applications



Residential roads



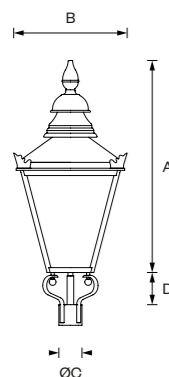
Town centres



Housing developments



Parks & pathways



	Dimensions mm				Weight kg	Windage m ²
	A	B	C	D		
Windsor Urban	825	417	76	119	7.9	0.28



Product codes

		Code	Example
Family			
Windsor Urban		WIU	WIU
Mounting			
Ø76mm Traditional frog		FR	FR
Cast base		CB	
Light Engine			
Performance LED			
8 LED		8	16
16 LED		16	
24 LED		24	
32 LED		32	
Performance CoB			
Single CoB		PC	CC
Comfort CoB			
Single CoB		CC	
Light Distribution			
Roads - Diamond+ A Optic		A1 / A2 / A3 / A5 / A6	A1
Pathways - Diamond+ B Optic		B1 / B2 / B3	
Areas - Diamond+ C Optic		C1 / C2 / C6	
Crossings - Diamond+ Z Optic		ZR / ZL / ZF	
	Wide Roads - AC1	AC1	
	Pathways - BC1	BC1	
	Areas - CC1	CC1	
	Roads - DC1	DC1	
	Symmetric	SY	
Colour Temperature			
2700K	2700K	2700K	27
3000K	3000K	3000K	30
4000K	4000K		40
			30
Drive Current			
Drive currents from 250mA to 1050mA are available in 50mA increments. Insert drive current value (e.g. 750mA = 750)		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050	750
Colour Finish			
RAL 9005 Black		10	10
Other RAL colour (on request)		RAL [specify]	
Paint Finish			
Polyester powder coat [standard option]		PP	PP
Marine-grade coating		MG	
Control (optional)			
Miniature photocell - 20 lux (1:0.5)		20L	20L
Miniature photocell - 35 lux (1:0.5)		35L	
Zhaga Book 18 socket - 4-pin (top)		Z4	
Connectivity (optional)			
Integral CMS - Urban Control (AC node with puck antenna)		UAC	-
Integral CMS - Urban Control (DC node with puck antenna)		UDC	
Integral CMS - Telensa (with monopole antenna)		TEL	
Integral CMS - Mayflower (with stub antenna)		MAY	

Example Code: WIU FR 16 A1 30 750 10 PP 20L

Features & Benefits

Classically proportioned heritage-style luminaire with a streamlined feature set, ideal for large scale projects

High performance LED luminaire, optimised for increased energy savings with a low total cost of ownership

Durable aluminium construction, with an injection moulded polycarbonate bowl for glass-like clarity

Easy to install and maintain thanks to toolless entry via the hinged, sealed canopy

Light Engine Options

Performance LED

Performance CoB

Comfort CoB[®]

Lumen Outputs

Performance LED: up to 12,540 lm

Performance CoB: up to 9,930 lm

Comfort CoB: up to 8,450 lm

Optical Control

Performance LED: A / B / C / Z Diamond+ Optics (14 options)

Performance CoB: A / B / C / D / Diamond+ Optics (4 options)

Comfort CoB: Symmetric

Lifetime

>100,000 hours L90

Luminaire Efficacy

Performance LED: up to 149 lm/W

Performance CoB: up to 130 lm/W

Comfort CoB: up to 90 lm/W

Drive Current

250mA - 1050mA (in 50mA increments)

Colour Temperature

Performance LED / Performance CoB: 2700K / 3000K / 4000K

Comfort CoB: 2700K / 3000K

Colour Rendering Index

Performance LED: 4000K, 3000K & 2700K: 70Ra

Performance CoB: 4000K: 70Ra / 3000K & 2700K: 80Ra

Comfort CoB: 3000K & 2700K: 80Ra

Mounting

Traditional Frog: Ø76mm (standard)

Cast Base

Control

CLO: Constant Light Output enabled

Switch: On/off through conventional miniature PEC

Dim: Factory set dimmed / customer specified dimming

CMS: Compatible with all available CMS systems

Colours

RAL 9005 Black

(Other RAL colours available on request)

Materials

Body: Aluminium

Glazing: One piece polycarbonate bowl

Seals: Silicone

Finish: Polyester powder coat / Marine grade coating

Mechanical Details

Overall Dimensions (mm): 944 (h) x 417 (w)

Weight (kg): 7.9

Windage (m²): 0.28

Accessories

Optional light shields available

Installation & Maintenance

Available pre-wired

Includes Support Tag for easy luminaire maintenance

Surge protection: 10kV

Operational temperature range: -40°C to +40°C

