

# 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



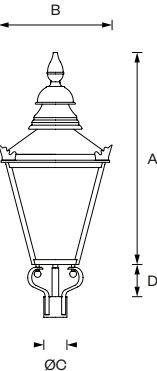
Town centres



Housing developments



Parks & pathways



	Dimensions mm				Weight kg	Windage m²
	A	B	C	D		
Windsor Urban	825	417	76	119	9.4	0.28



### Product codes

			Code	Example
Family				
Windsor Urban			WIU	WIU
Mounting				
Ø76mm Traditional frog			FR	FR
Cast base			CB	
Light Engine				
Performance LED				16
8 LED			8	
16 LED			16	
24 LED			24	
32 LED			32	
Performance CoB				
Single CoB			PC	
			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	30
3000K	3000K	3000K	30	
4000K	4000K		40	
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<sup>®</sup>

## 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

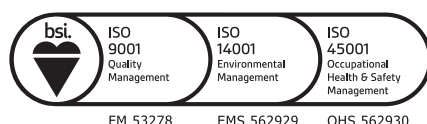
## Installation & Maintenance

Available pre-wired

Includes Support Tag for easy luminaire maintenance

Surge protection: 10kV

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



FM 53278

EMS 562929

OHS 562930



DW Windsor is part of the  
Luceco Group

### DW Windsor

Pindar Road, Hoddesdon, Hertfordshire, EN11 0DX

+44 (0) 1992 474600 | [info@dwwindor.com](mailto:info@dwwindor.com)

[dwwindor.com](http://dwwindor.com)

DW Windsor is a Carbon Neutral company

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MAR-2025-H  
V1.8