

Windsor Urban

Product Guide





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



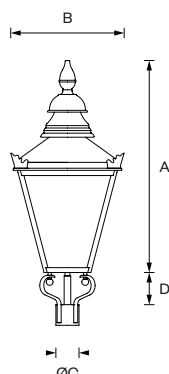
Town centres



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			FRG	FRG
Cast base			CAB	
Light Engine				
Performance LED				PL12
12 LED			PL12	
24 LED			PL24	
	Performance CoB			
	Single CoB		PC01	
		Comfort CoB		
		Single CoB	CC01	
Light Distribution				
Diamond+ A Optic – (Wide Road)			A1 / A3 / A5	A1
Diamond+ B Optic – (Footpath)			B2	
Diamond+ C Optic – (Area)			C1 / C2	
Diamond+ D Optic – (Standard Road)			D1 / D2 / D3	
Diamond+ Z Optic – (Pedestrian Crossing)			ZR / ZL	
	A1 – (Wide Road)		AC1	
	B1 – (Footpath)		BC1	
	C1 – (Area)		CC1	
	D1 – (Standard Road)		DC1	
		Symmetric	SY	
Colour Temperature				
2700K			27	30
3000K			30	
4000K			40	
Light Output				
Drive currents from 200mA to 1050mA are available in 50mA increments. Insert drive current value (e.g. 750mA = 750)			200 / 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 C5 coating			C5	
Connectivity				
No connectivity or control			N	U20
Miniature photocell – 20 lux (1:0.5)			U20	
Miniature photocell – 35 lux (1:0.5)			U35	
Zhaga Book 18 socket – 4-pin (top)			Z4	
Control (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)			ITE	
Integral CMS – Mayflower (with stub antenna)			IMA	
Example Code: WIU FRG PL12 30 750 A1 10 PP U20				

Windsor Urban[®]

IP66 | IK08 | CLASS I

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 9,910 lm

Performance CoB: up to 9,930 lm

Comfort CoB: up to 3,200 lm

Optical Control

Performance LED: A / B / C / D / Z Diamond+ Optics (11 options)

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

Comfort CoB: Symmetric only

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

200mA - 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 C5 coating

Mechanical Details

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

Weight (kg): 7.9

Windage (m²): 0.28

Accessories

Optional light shields available

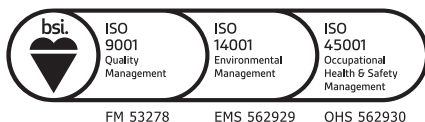
Installation & Maintenance

Available pre-wired

Includes Support Tag for easy luminaire maintenance

Surge protection: 10kV

Operational temperature range: -20°C to +40°C



FM 53278

EMS 562929

OHS 562930

LUCECO plc

DW Windsor is part of the
Luceco Group

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DW Windsor is a Carbon Neutral company

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