

Windsor DS



Conscientious heritage lighting

Handcrafted from copper using traditional methods, our signature luminaire, Windsor, is now offered as a DarkSky Approved version with flat glass glazing.



DarkSky® Approved



Warmer CCTs

Offered with warmer correlated colour temperatures of 2700K and 3000K



No upward light

Directs light downwards with a 0% upward light output ratio (ULOR)



Dimmable

Can be dimmed to at least 10% of
the maximum luminaire output



Light shields available

Light shields available to help reduce light trespass in sensitive locations

Product features

Flat glazing

Windsor DS is fitted with flat glass glazing to achieve a 0% Upward Light Output Ratio (ULOR), helping protect the night sky.

Cast base

Windsor DS is supplied with a Ø76mm frog mounting as standard but can also be specified with an optional cast base.



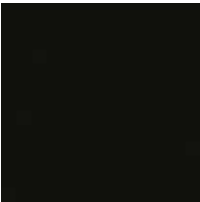
Light shields

Optional light shields are available as standard for Windsor DS to help prevent light trespass if required.

Diamond+ optics

Windsor DS is available with a wide range of optical distributions for ultimate flexibility while ensuring light is only placed where needed.

Standard colours



RAL 9005
Black



RAL 7016
Anthracite grey



RAL 7037
Dusty grey



RAL 5003
Sapphire blue



RAL 6005
Light moss green



RAL 3005
Wine red



Copper
Natural finish



Copper
Polished finish



To personalise your scheme, other RAL colours available on request.



Detailed Specification

Product specification

Electrical Class:

I (II on request)

IP rating:

IP65

IK rating:

IK08

Certifications:

UKCA, CE

Mounting Height (m):

4 - 8 m

Applications:

Public realm

Roads

Footpaths

Car parks

Rail



Lighting

Light source:

Performance LED

Lumen Range (lumens):

360 - 9,500 lm

Power Range:

5 - 80 W

LED qty:

8 - 32

Distribution:

14 Diamond+ Optics

Colour Temperature (CCT):

2700K

3000K

Colour rendering (CRI):

70Ra / 80Ra (light source dependant)

L90 Lifetime Estimate:

>100,000hrs

Power and control

Voltage:

220 - 240V

Drive Current Range:



250mA - 1050mA (in 50mA increments)

Controls:

Miniature photocell

Part-night switching

Pre-programmed dimming

Zhaga Book 18 socket

Integral CMS

Sensor ready

Surge protection:

10kV

Driver:

Fully programmable

Mechanical and installation

Materials:

Body: Copper

Glazing: Toughened glass

Seals: Silicone

Finish:

Natural copper

Polished and lacquered copper

Polyester powder coat

Product colours:

RAL 9005 Black

RAL 7016 Anthracite grey



RAL 7037 Dusty grey
RAL 5003 Sapphire blue
RAL 6005 Light moss green
RAL 3005 Wine red
Natural copper finish
Polished and lacquered copper finish
Other RAL colours on request

Operating temp (°C):

-20°C to +40°C

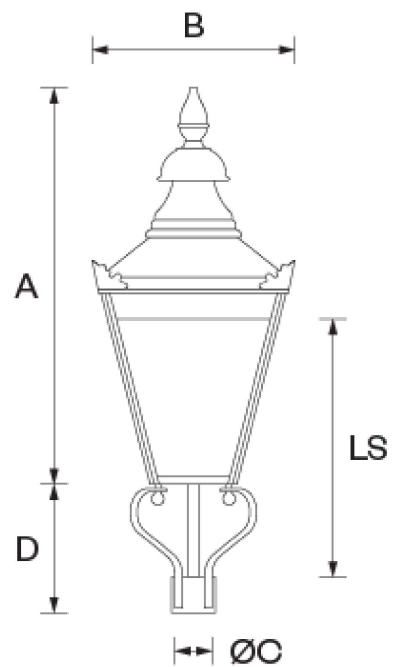
Mounting:

Post top: Ø76mm
Wall bracket

Dimensions

Windsor DS	
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Dimensions (mm):

A 883

B 440

ØC 76

D 264

LS 560

Weight (kg):

10

Windage (m²):

0.22

