



windsor

Ingeniously disguising the pre-heat mechanism for the airflow to the gas mantles inside its decorative chimney, the original 'Windsor' lantern was the high-tech lighting solution of its day. Designed for high ingress protection, easy maintenance and award-winning optical performance, the DW Windsor interpretation is as advanced for its time as its Victorian forbear and preserves the elegance of the original.



options

Sizes	Windsor Street Suitable for mounting heights from 4 to 5 metres Maximum lamp wattage: 150w Windsor Avenue Suitable for mounting heights from 2.5 to 4 metres Maximum lamp wattage: 70w
Glazing	Polycarbonate one piece bowl (standard) Acrylic one piece bowl
Optical control	Diamond Optic® (standard) Highbeam® refractor Small skirt refractor
Lamp	50, 70, 100, 150w SON 50, 70, 100, 150w HQI 35, 70, 100, 150w CDM 42w PL-T
Mounting	Traditional frog (standard) Cast base (Windsor Street only) [76 mm Ø]
Finish	RAL 9017 Black RAL 5003 Sapphire Blue RAL 6005 Light Moss Green Natural Copper finish* Polished and Lacquered Copper finish
Other	ER12 HN Photocell available on request * N.B. Natural copper finish will rapidly weather, usually giving a rich patina finish to the colour

key features

- ☐ Diamond Optic® reflector system reduces light pollution and allows increased column spacings
- ☐ Exceptional ease of maintenance via hinged canopy with retaining stay and slide latches
- ☐ Ingress Protection – one piece glazing and silicone gasket ensure whole lantern sealed to IP65
- ☐ Diamond Optic® provides a variety of light distributions appropriate to most lighting applications
- ☐ Robust copper construction for enhanced corrosion resistance and longevity
- ☐ Frog and cast base have external connector blocks for ease of installation

suggested column/bracket options

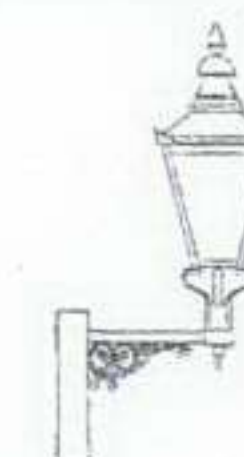
Windsor Street shown on Chester 5m lamp post



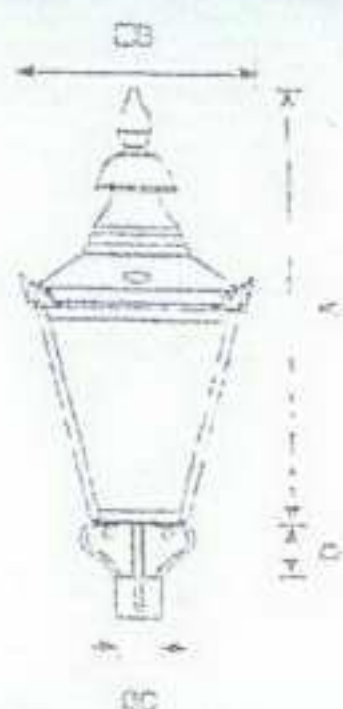
Windsor Street shown on Dyfed 4m lamp post



Windsor Avenue shown on Ormiston Cast wall box bracket



typical specification



Variant	Dimensions (mm)				Weight (kg)
	A	B	C	D	
Street	833	440	76	188	10.2
Avenue	745	390	76	119	8.3

Windage: Street: 0.28m²
Avenue: 0.22m²

Body: Copper
Standard frog: Metal sprayed steel
Cast base: Cast aluminium
Access: Hinged sealed canopy
Seals: Silicone rubber
Finish: Polyester powder coated

See page 200 for Product Codes

IP65

For full range of columns and brackets see page 124

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wall brackets

Wall Box Brackets

DW Windsor's Wall Box Bracket™ is designed to bring new practicality and flexibility to wall mounted luminaires. Its deep box design can accommodate a wide range of electrical components to enhance the function of the luminaire, whilst making installation and maintenance exceptionally easy.

The Wall Box Bracket™ takes standard cut-outs and can house other electrical components such as control gear and time clocks. Batteries and electronic modules which may not be suited to mounting in the luminaire can also be accommodated, making the Wall Box eminently suited to luminaires used for emergency lighting. It is especially valuable where aesthetics or conservation criteria dictate that mounting of separate terminal boxes would be inappropriate.

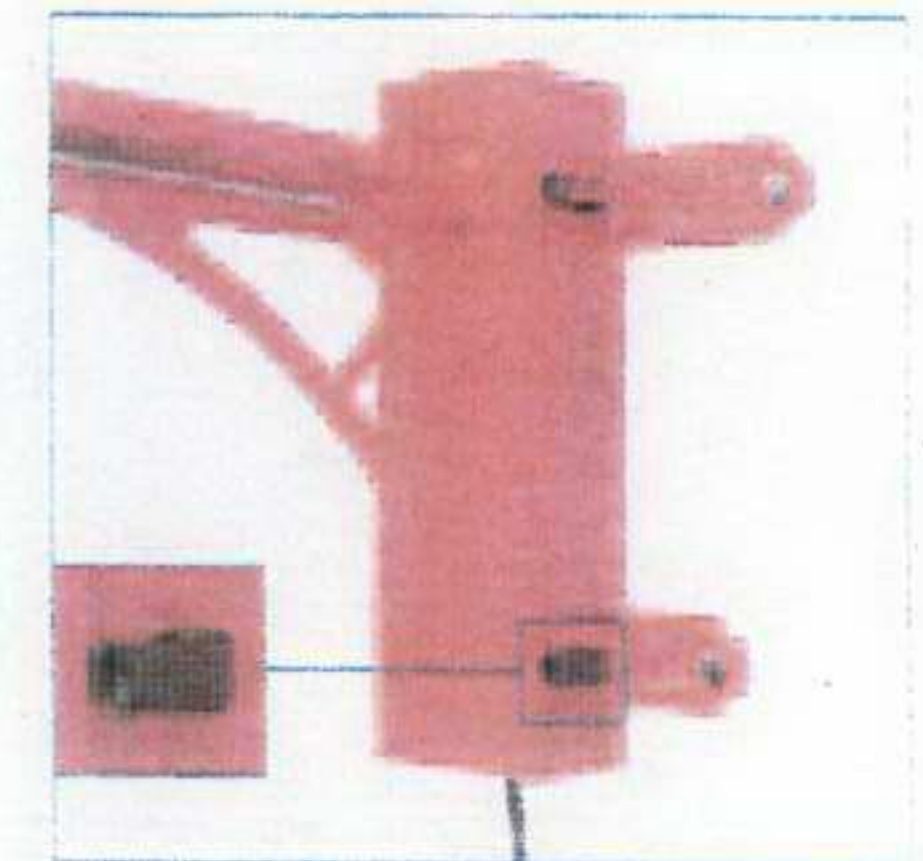
Constructed from steel, the Wall Box Bracket™ design is extremely versatile, with top and bottom cable entry facilities and compatibility with all bracket styles and entry types. We also offer alternative fixings for telegraph poles or wall corners. Corrosion protected and primed as standard, the Wall Box can also be supplied in a variety of polyester powder coated colours on request.

Ease of installation is achieved by first fixing the box to the wall, allowing internal wiring to be carried out before the luminaire is connected. The luminaire can be fixed and wired to the front plate remotely before it is lowered on to the lift-off hinges, facilitating quick and easy connection.

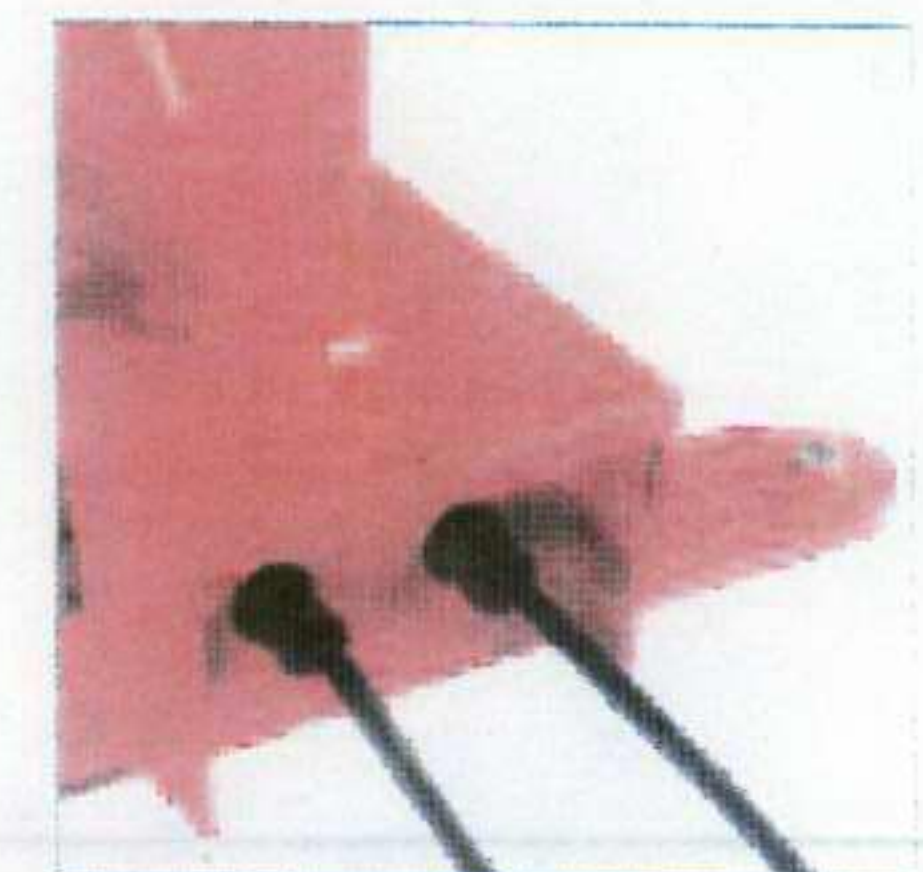
Sealed to IP55, the interior of the Wall Box Bracket™ is accessed via tri-head screw fixings or alternatively tool-less stainless steel over-centre latches. A retaining strap prevents the front plate from swinging open too far, thus avoiding damage to the luminaire against the wall, whilst allowing full access to the box for maintenance.

Cast Wall Brackets

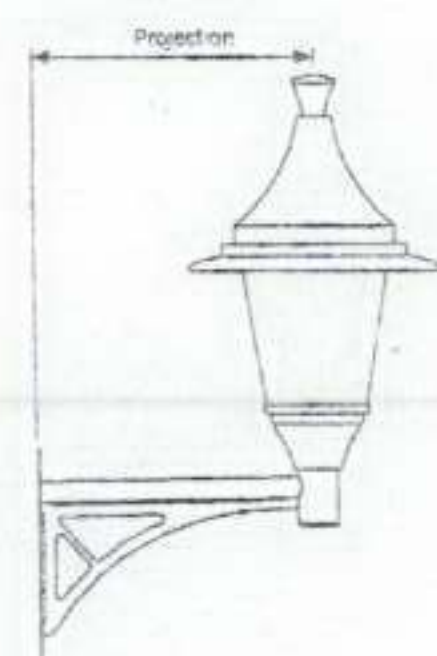
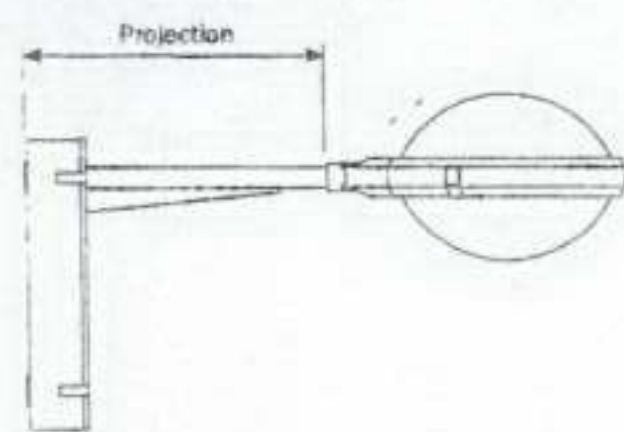
Cast bracket fixings have the facility for a terminal block and are finished polyester powder coated as standard.



Wall Box Bracket with Nema bracket arm. It may be easily closed and sealed using either over-centre latches (shown) or tri-head screws for added security.



Cable entry may be effected from top or bottom and offers loop-in loop-out facility

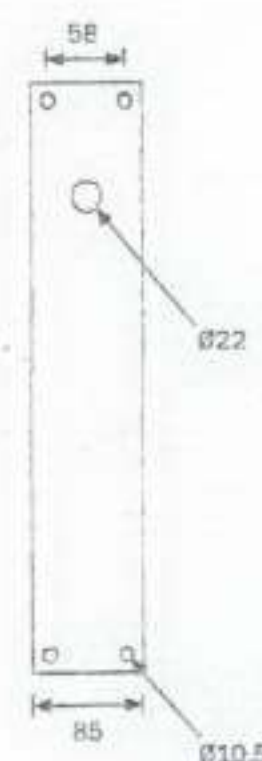


Fabricated Wall Brackets

All fabricated wall brackets are available with a choice of fixing options:

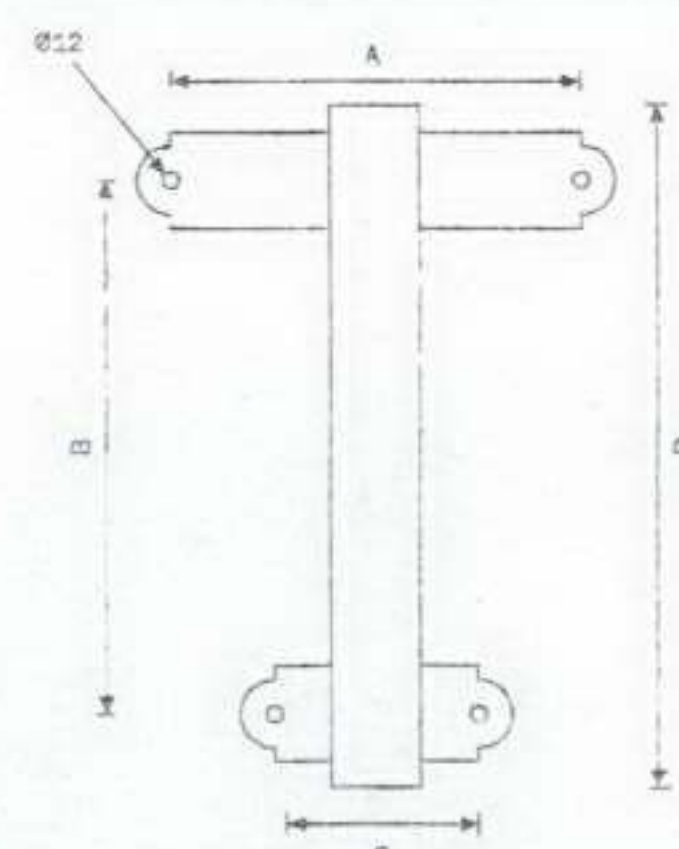
- ☐ **Wall Plate Bracket** is the most basic and economical fixing method and is best suited to through-the-wall cabling. The wall plate is supplied galvanised and primed as standard. (Maximum projection 750mm top and post top entries, 350mm side entry)
- ☐ **Wall Channel Bracket** provides the facility for terminating incoming wiring and is supplied shot-blasted, zinc sprayed and primed as standard. (Maximum projection 1000mm top and post top entries, 600mm side entry)
- ☐ **Wall Box Bracket™** is available exclusively from DW Windsor and incorporates a deep box to accommodate cut outs and a range of other electrical components. (Maximum projection 1250mm top and post top entries, 850mm side entry)

Wall Plate Bracket



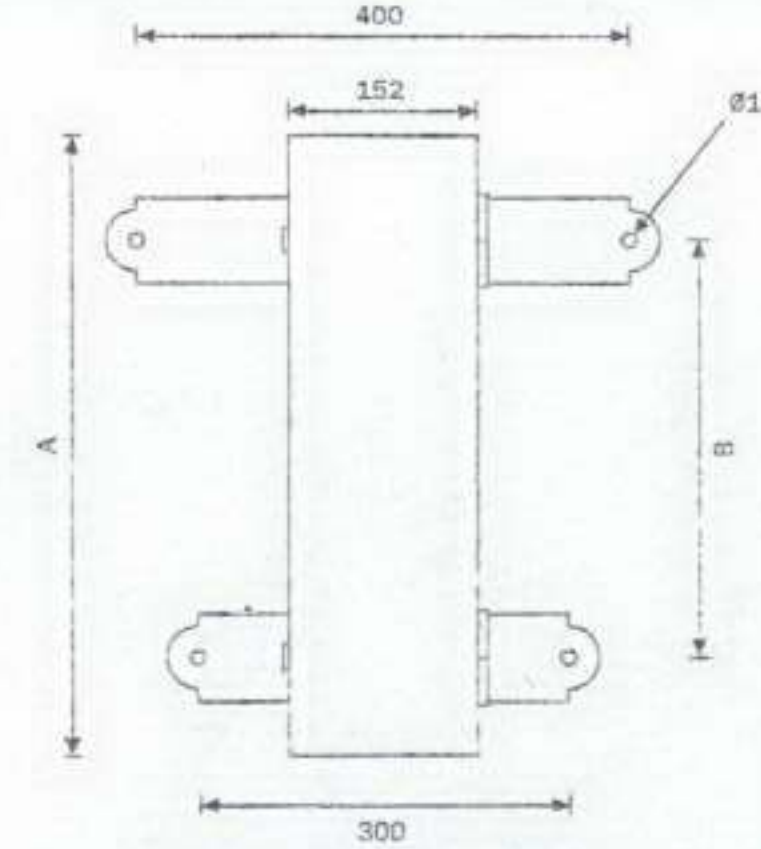
Length x fixing centres dependent upon bracket style.
Please contact Customer Services.

Wall Channel Bracket



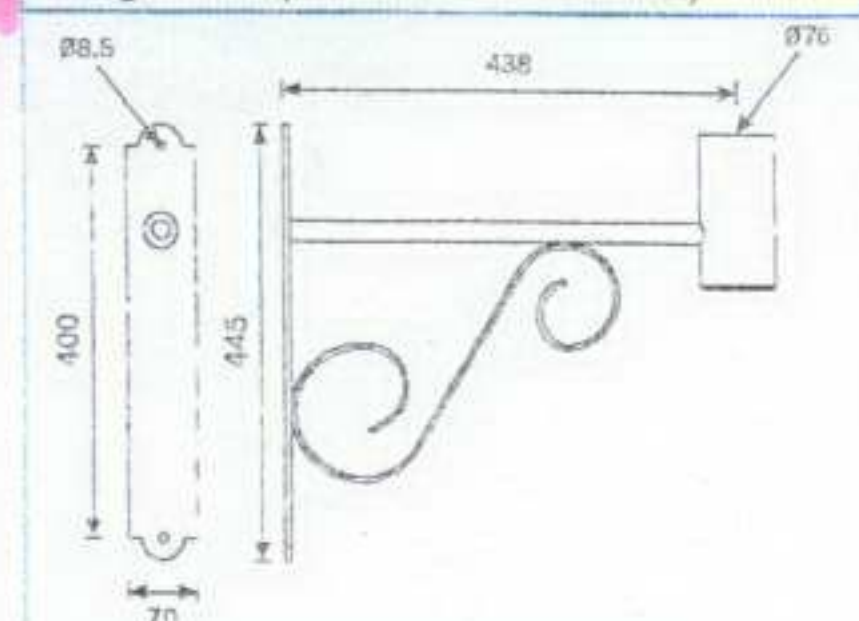
	A	B	C	D
Large	400	640	210	760
Medium	300	380	150	500

Wall Box Bracket™

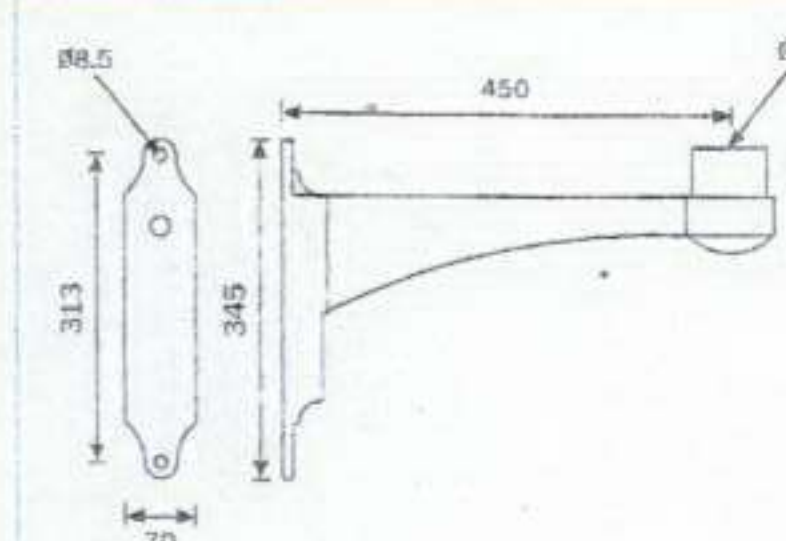


	A	B
Standard Unit	505	340
Long Unit	605	440

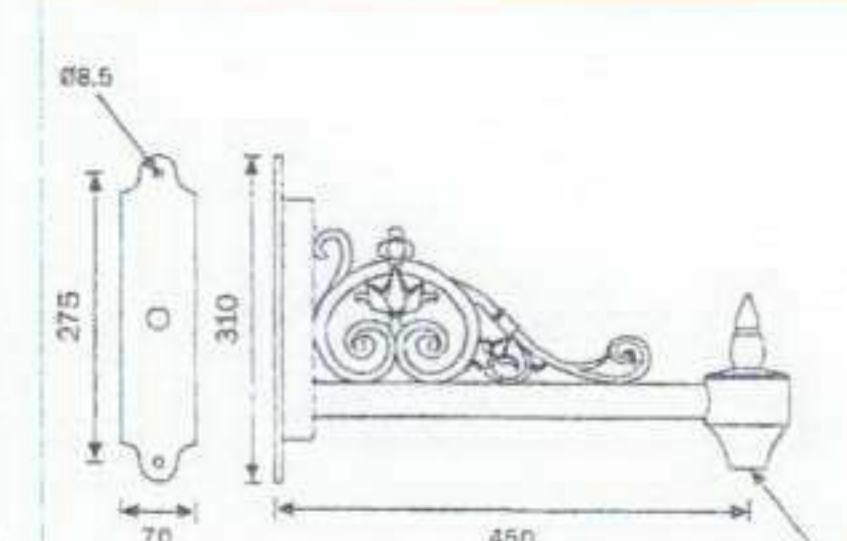
Large Scroll (fabricated wall bracket)



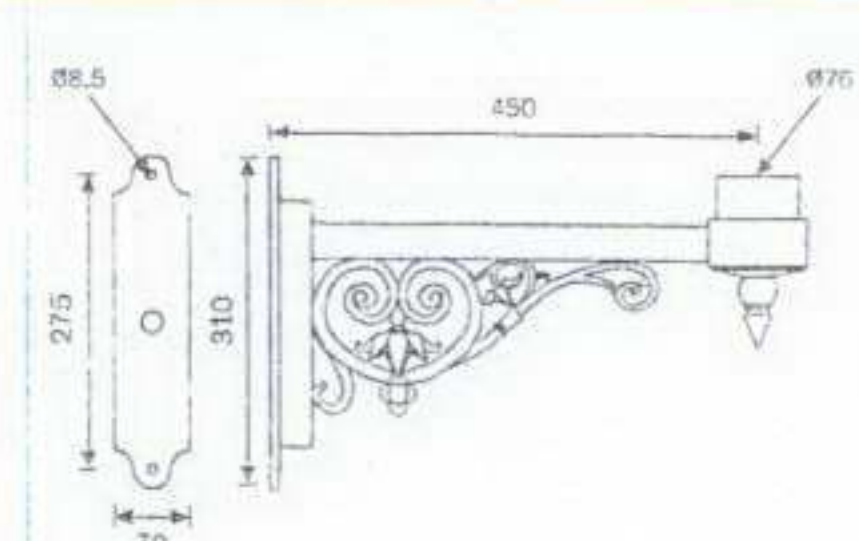
Large Plain Cast



Large Ornate Pendant



Large Ornate





EXISTING LIBRARY ELEVATION.

