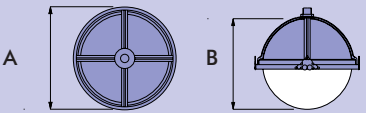
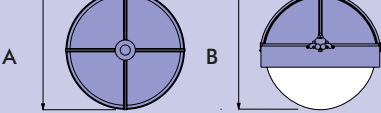


features and benefits

- Guaranteed against the ingress of dust and moisture
- High performance reflectors reduce energy and installation costs
- Guaranteed photometric performance
- Low light pollution
- High vandal resistance due to rigid polycarbonate heat formed protector
- Robustly constructed to suit all applications



WEIGHTS & DIMENSIONS				
Victorian Saturn 500		Victorian Saturn 700		
				
	HIGH PRESSURE SODIUM LAMP	WEIGHT	DIMENSIONS (mm)	
			A	B
VICTORIAN SATURN 500	50 W 70 W 100 W 150 W	7.0kg 7.2kg 7.5kg 8.4kg	515	448
VICTORIAN SATURN 700	100 W 150 W 250 W 400 W	22.0kg 22.9kg 24.1kg 24.7kg	700	672



Aberystwyth Promenade, Dyfed.

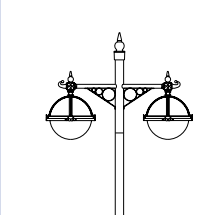
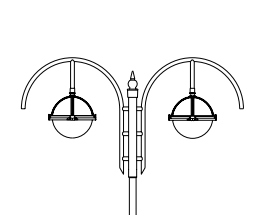
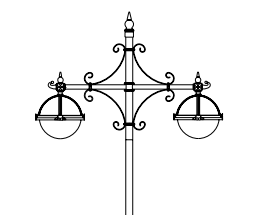
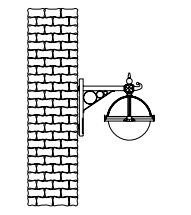
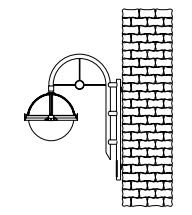


Market Place, Huddersfield.



Town Hall Square, Rotherham.

LANTERN	PROJECTED AREA
Victorian Saturn 500 Victorian Saturn 700	0.1746m ² 0.3727m ²

STYLE					
BRACKET	Hoop	Cascade Middle Hang	Bentley	Hoop	Cascade ring
MOUNTING HT.	4 - 12 metres	4 - 12 metres	4 - 12 metres	4 - 12 metres	4 - 12 metres
OPTIONAL FITTINGS					
<ul style="list-style-type: none"> • Low level lanterns • Flower basket brackets 		<ul style="list-style-type: none"> • Sockets for decorative catenary lighting • Painted any British Standard or RAL colour 		<ul style="list-style-type: none"> • Bracketry in various configurations • Bracketry to customers' own designs 	

How to Specify

The lantern shall have an optical compartment sealed to IP66 as defined in BS EN 60598 and be guaranteed against the ingress of dust and moisture for a period of at least 15 years using a minimum length bending seal. The polycarbonate protector shall have protection against UV degradation on both sides of the material and have a 10 year guarantee against the effects of daylight UV and weathering, giving a light transmittance which remains high after long outdoor exposure. The impact strength of the optic shall be guaranteed for 5 years to IK10. Other types of protector are available on request. The photometric performance of the luminaire is guaranteed, backed up by a free illuminance measuring service.

The upper hemisphere is made of spun aluminium having a stoved white finish, with four cast spokes terminating with decorative cast leaves, all having a stoved black finish. The support ring is spun aluminium (Saturn 500) or extruded and rolled aluminium (Saturn 700) with a finish using a polyester powder coating process over an Alocrom 1200 substrate, which will withstand the standard cross cut tests as defined in BS EN ISO 2409 and BS3900. The control gear shall be mounted on a separate plate.

Ballasts shall be complete with internal automatic resetting thermal cut-outs and ignitors with timed cut-out. Wiring is colour coded and neatly tied down for safety.

General

- lantern can be opened without the use of tools
- all fixings are stainless steel
- all metallic components are electrically bonded to a primary earth

Specification

Sealsafe® sealed beam optical compartment with an IP66 tightness rating, coupled with an Urbis high performance high purity aluminium reflector or metallised plastic reflector and refractor, gives exceptional lighting results.

Design

The Victorian Saturn 500 supporting ring is spun in aluminium, alocromed and polyester powder coated black. The Victorian Saturn 700 supporting ring is extruded aluminium, rolled, alocromed and polyester powder coated black. The lanterns have decorative metalwork cast and pressed in aluminium. The metalwork is alocromed and polyester powder coated black. The lower hemispheres are heat formed, clear polycarbonate. The upper hemispheres are spun in aluminium, alocromed and polyester powder coated white.

Options

Lantern decorative metalwork painted to any British Standard or RAL colour.

Lower hemisphere heat formed in frosted, tinted, opal or Partially Obscuring Non Diffusing (POND) polycarbonate.

Upper hemisphere painted to any British Standard or RAL colour.

Lamp and Gear

The lantern has a high pressure sodium lamp, with integral control gear comprising ballast, ignitor and capacitor, on a removable gear tray, suitable for 50 Watt, 70 Watt, 100 Watt or 150 Watt clear tubular lamp on the Victorian Saturn 500; 100 Watt, 150 Watt, 250 Watt or 400 Watt clear tubular lamp on the Victorian Saturn 700. Control gear compartment IP55 rating.

Options

Metal Halide lamp packages.

Mercury Vapour lamp packages.

White Sodium lamp packages.

Remote gear.

Integral photocell control.

Twin reflector lantern.

Mounting

Recommended mounting height from 4 to 8 metres for the Victorian Saturn 500; 8 to 12 metres for the Victorian Saturn 700.

Victorian Saturn 500 for top entry on a bracket diameter of 1 ¼" BSP.

Victorian Saturn 700 for top entry on a bracket diameter of 1 ½" BSP.

See *Urbis columns and brackets leaflets for designs.*

Photometry

Six types of high performance reflectors give optimum solutions for the most varied lighting schemes. High purity aluminium reflectors, polished and anodised, with asymmetrical or symmetrical distribution; metallised reflector with refractor for wide asymmetrical distribution. Full details available on diskette or in graphical form.