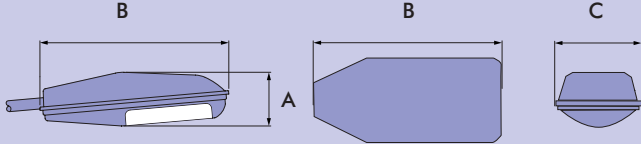


features and benefits

- Guaranteed against the ingress of dust and moisture
- High performance reflectors reduce energy and installation costs
- IP66 Sealsafe optical compartment eliminates the need for internal cleaning
- Low light pollution
- Robustly constructed to suit all applications



WEIGHTS & DIMENSIONS					
					
	HIGH PRESSURE SODIUM LAMP	WEIGHT	DIMENSIONS (mm)		
			A	B	C
ONYX 2	50 W	10.2kg	208	732	332
	70 W	10.4kg			
	100 W	10.6kg			
	150 W	11.5kg			
ONYX 3	250 W	15.4kg	268	843	392
	400 W	16.7kg			
	600 W	18.4kg			



South Parade, Rochdale, Greater Manchester

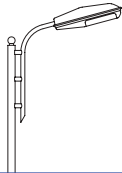
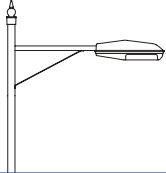
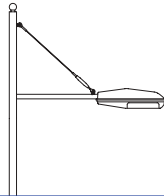
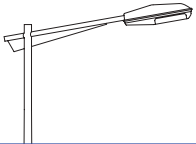


Sunderland FC Stadium, Tyne & Wear



Lancaster Road, Kensington

LANTERN	PROJECTED AREA
ONYX 2 ONYX 3	0.1204m ² 0.1780m ²

STYLE				
BRACKET	Sweep	Strut	Harlington	Denham
MOUNTING HT.	5 - 12 metres	5 - 12 metres	5 - 12 metres	5 - 12 metres
OPTIONAL FITTINGS <ul style="list-style-type: none"> • Low level lanterns • Flower basket brackets • Sockets for decorative catenary lighting • Painted any British Standard or RAL colour • 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 due to use of a minimum length bending seal. The protector is made from curved VHR glass. The photometric performance of the luminaire is guaranteed, backed up by a free illuminance measuring service.

The body shall be made from two piece high pressure die cast aluminium alloy with a polyester powder coat finish applied by spray and stoved on an Alocrom 1200 substrate, which will withstand the standard cross cut tests as defined in BS EN ISO 2409 and BS3900. The cover hinges for maintenance and is secured in the closed position by means of a spring clip. Mounting can be horizontal (up to 60mm diameter bracket arm with 120mm penetration) or vertical (60mm or 76mm diameter with 90mm penetration).

The control gear shall be mounted on a separate gear 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, giving exceptional lighting results.

Design

The Onyx housing is high pressure die cast aluminium alloy, alocromed and polyester powder coated black. The protector is toughened glass.

Options

Onyx housing painted any British Standard or RAL colour.

Protector heat formed in clear or Partially Obscuring Non Diffusing (POND) polycarbonate (up to 100 Watts).

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 and 150 Watt clear tubular lamp on the Onyx 2. 250 Watt, 400 Watt and 600 Watt clear tubular lamp on the Onyx 3.

Options

Metal Halide lamp packages.

Mercury Vapour lamp packages.

White Sodium lamp packages.

Remote gear.

Integral photocell control.

Mounting

Recommended mounting height from 5 to 12 metres.

Mounting on a column diameter of 60 or 76mm by external clamping.

Mounting on a bracket for 60mm side entry mounting.

See *Urbis columns and brackets leaflets for designs.*

Photometry

Two types of high performance reflector give optimum solutions for the most varied lighting schemes. High purity aluminium reflectors, polished and anodised, with asymmetrical distribution.

Full details available on diskette or in graphical form.