



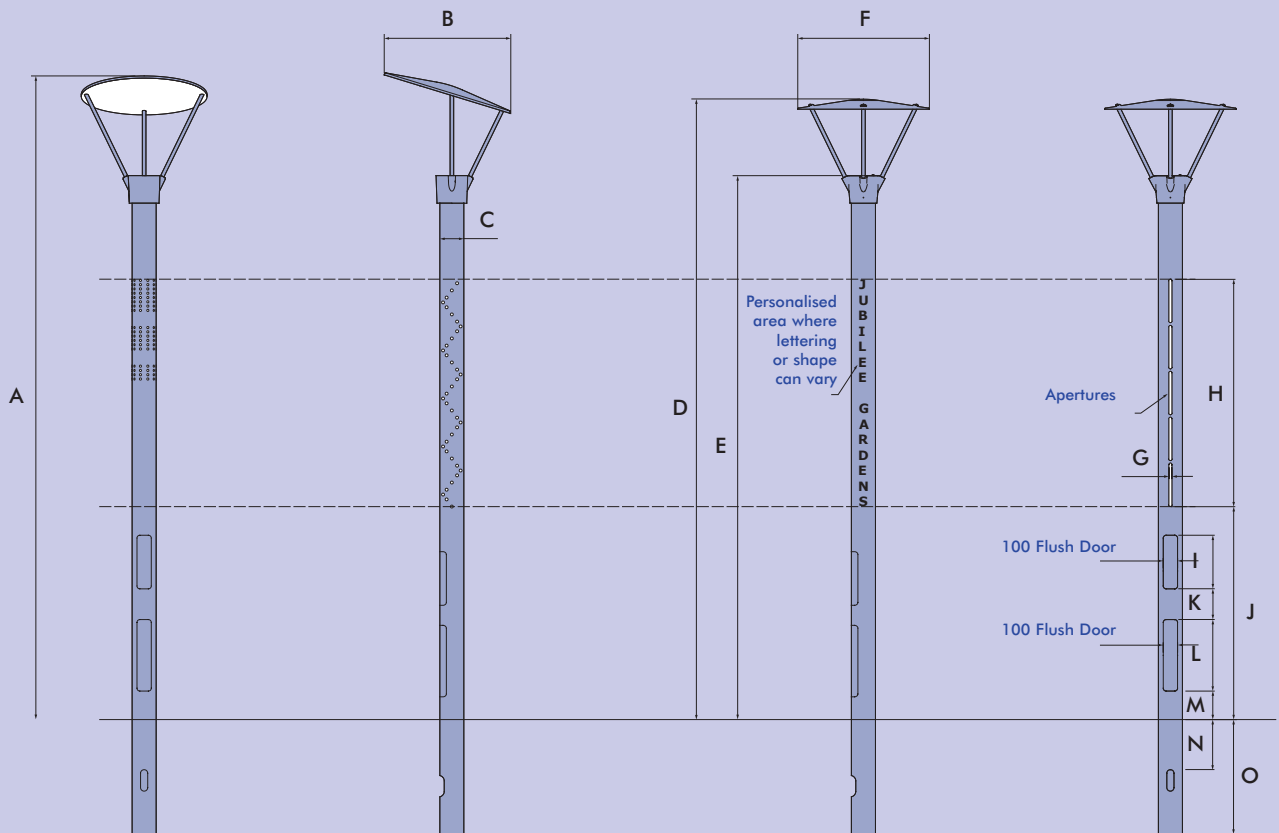
The Strand, Exmouth.



All Saints Square, Rotherham.



## D I M E N S I O N S



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
4503	883	168	4340	3805	920	20	1590	375	1490	215	500	200	350	800

All dimensions in millimetres

## *How to Specify*

The lantern shall have an optical compartment sealed to IP66 as defined in BS EN60598. The impact strength of the optic shall be guaranteed for 15 years to IK08. The photometric performance of the luminaire shall be guaranteed, backed up by a free illuminance measuring service.

The canopy shall be supported by stainless steel support arms and have a glass reinforced plastic diffuser canopy. The base collar should be made from cast aluminium wet sprayed over an Alocrom 1200 substrate, which will withstand the standard cross cut test as defined in BS EN ISO 2409 and BS3900.

The control gear shall be mounted on a separate gear tray. Ballast shall be complete with internal automatic resetting thermal cut-out and ignitors with timed cut-out. Wiring shall be colour coded and neatly tied down for safety.

### **General**

- all fixings are stainless steel
- all metallic components are electrically bonded to a primary earth.

## *Specification*

Sealsafe® sealed beam optical compartment with IP66 tightness. Indirect lighting is provided by the diffuser canopy via an Urbis high performance, high purity aluminium reflector.

## *Design*

The Lighttube is an indirect lighting lantern comprising a Sealsafe® optic, positioned centrally over the top of the column, which projects light up onto the diffuser canopy.

The base collar, which houses the optic assembly, is cast in aluminium and wet sprayed to any BS or RAL colour. The collar is designed to fit the lantern onto a 168mm column diameter. The control gear tray is attached to the base casting and is suspended inside the column.

The Sealsafe® sealed beam optic, is contained within this base collar. The optic comprises a spun aluminium, alocromed and polyester powder coated housing which contains a high performance reflector to concentrate the light onto the diffuser. The glass protector is sealed to the housing and access to the lamp is gained by removing the complete optic from the base casting.

The white, self coloured, glass reinforced plastic diffuser canopy is supported by brushed stainless steel arms. For a symmetrical light distribution, four arms are used to support the canopy in a horizontal position, whilst the asymmetric version uses three arms to angle the canopy.

The column is mild steel, galvanised to BS729, 'T' washed, primed and finish painted. The column is 168mm diameter, typically 3700mm high.

### **Options**

- Lantern and column painted in any British Standard or RAL colour.
- Lighting apertures laser cut to customer requirements.
- Column base embellishment.

## *Lamp and Gear*

The Lighttube has a 70 Watt or 150 Watt CDM-T lamp, with integral control gear comprising ballast, ignitor and capacitor, on a removable gear tray.

### **Options**

- Column tube illumination provided by 70 Watt CDM-T lamp inside an IP66 Sealsafe® Lighttube, with control gear fitted onto column backboard.

## *Mounting*

Standard mounting height is 4.3 metres (3.7m column); other mounting heights can be accommodated.

## *Photometry*

Full details are available on diskette or in graphical form.