

ALUMINIUM COLUMNS

Lighting Columns up to 18
metres.



Precinct Aluminium Column

The Precinct aluminium column is approved by the Design Council.

Manufactured to BS 3989, the column is suitable for all group 'B' lighting schemes.

Available for post-top mounting or with choice of several brackets.

Requires no painting or other maintenance.

Rooted columns may be installed in accordance with current practice in consolidated backfill or tarmac pavements without any special precautions.

However, we recommend that the root be wrapped in a single layer of building felt if the column is to be concreted into a solid foundation.

This will reduce the effects of wind induced oscillations.

Similarly if a baseplated column is used we would recommend mounting the column on building felt or a neoprene pad (which can be supplied on request) and the use of lock nuts to prevent loosening.

SPECIFICATION

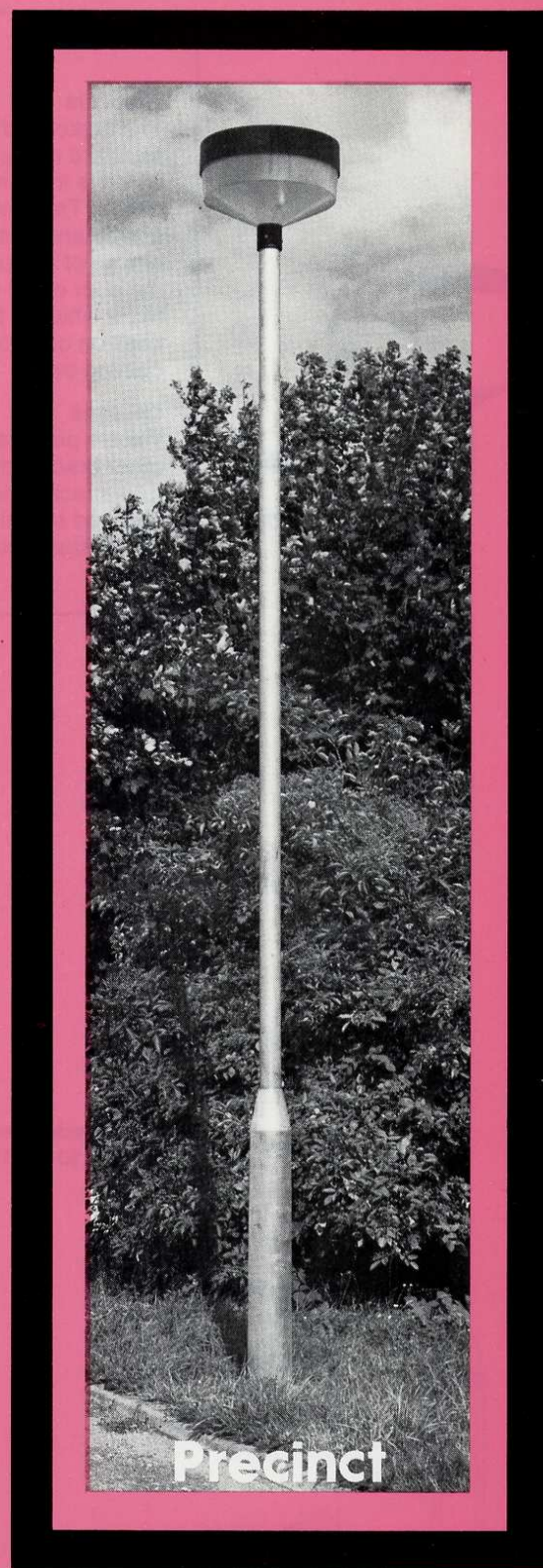
Die-Cast LM 6 alloy base with a tubular HT. 30. WP alloy shaft 76 mm dia. x 14 SWG (2 mm). (10 SWG (3 mm) can be supplied on request.)

The shaft is spigoted into the base, being a drive fit at the base of the socket. The joint at the top of the socket is aluminium spray welded by a completely proved process. This gives an extremely strong and water-proof joint.

The base compartment is fitted with a lamp control gear panel of selected resin-bonded exterior quality plywood and will accommodate a timeswitch together with control gear for sodium or mercury vapour lamps. The cable entry to the base compartment measures 152 mm x 76 mm and is situated 229 mm below ground level on the face under the door.

The access door to the gear compartment is fitted with a tamper proof lock, requiring no maintenance.

Concrete Utilities Limited reserve the right to amend the design and/or specification without prior notice.



Photograph shows a Precinct column with a Phosco P178 lantern

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Precinct Aluminium Column

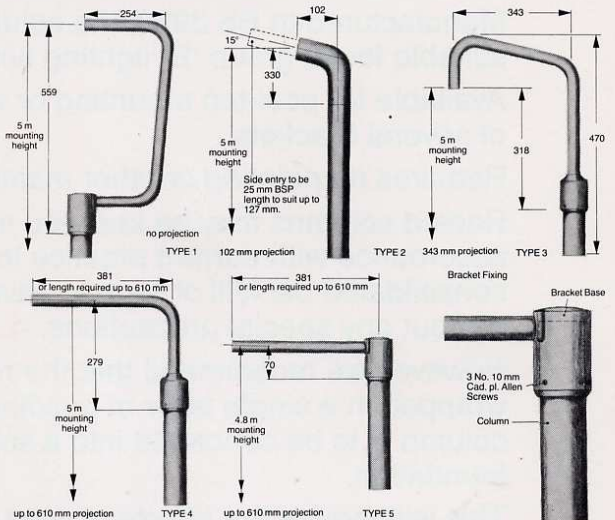
Standard Brackets

Brackets

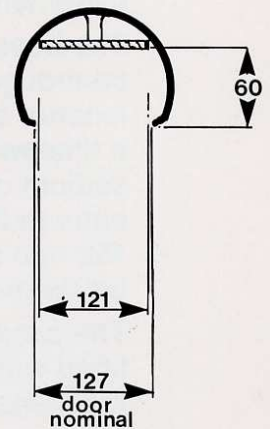
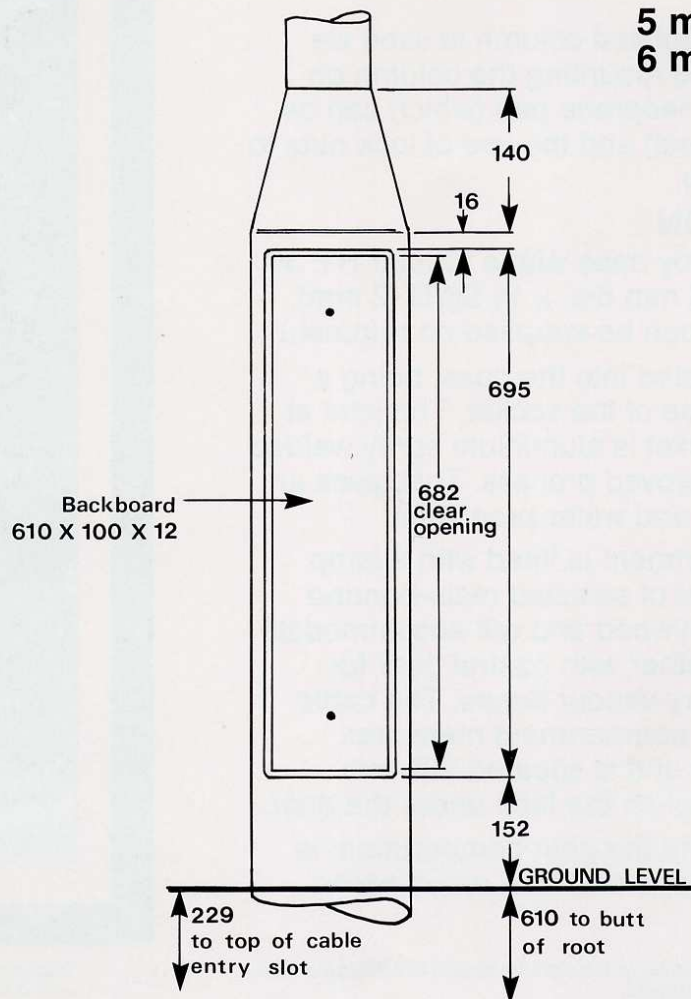
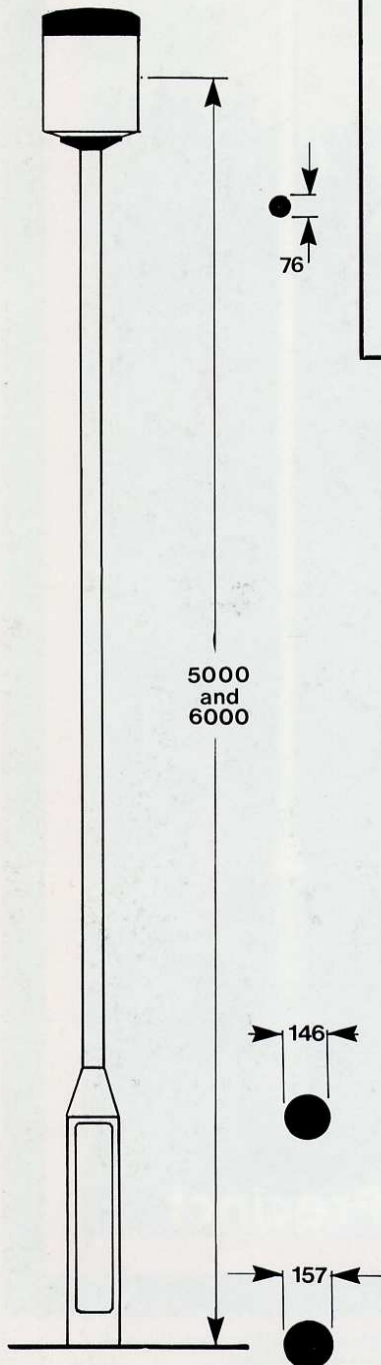
The adjacent diagrams show the standard range of brackets each of which is interchangeable with the others. The method of fixing is simple and positive and allows a choice of any position relative to the door on all brackets except No. 2 which is fixed with door position operator facing on-coming traffic.

Designs

We are prepared to manufacture other bracket designs, e.g. to your own specification, and will if required submit any for approval by the Design Council.



5 metres — Weight 18 Kg
6 metres — Weight 24 Kg



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Jubilee Aluminium Column

The Jubilee aluminium column is approved by the Design Council.

Manufactured to BS 3989, the column is suitable for all group 'B' lighting schemes.

Available for post-top mounting or with choice of several brackets.

Requires no painting or other maintenance.

Rooted columns may be installed in accordance with current practice in consolidated backfill or tarmac pavements without any special precautions.

However, we recommend that the root be wrapped in a single layer of building felt if the column is to be concreted into a solid foundation.

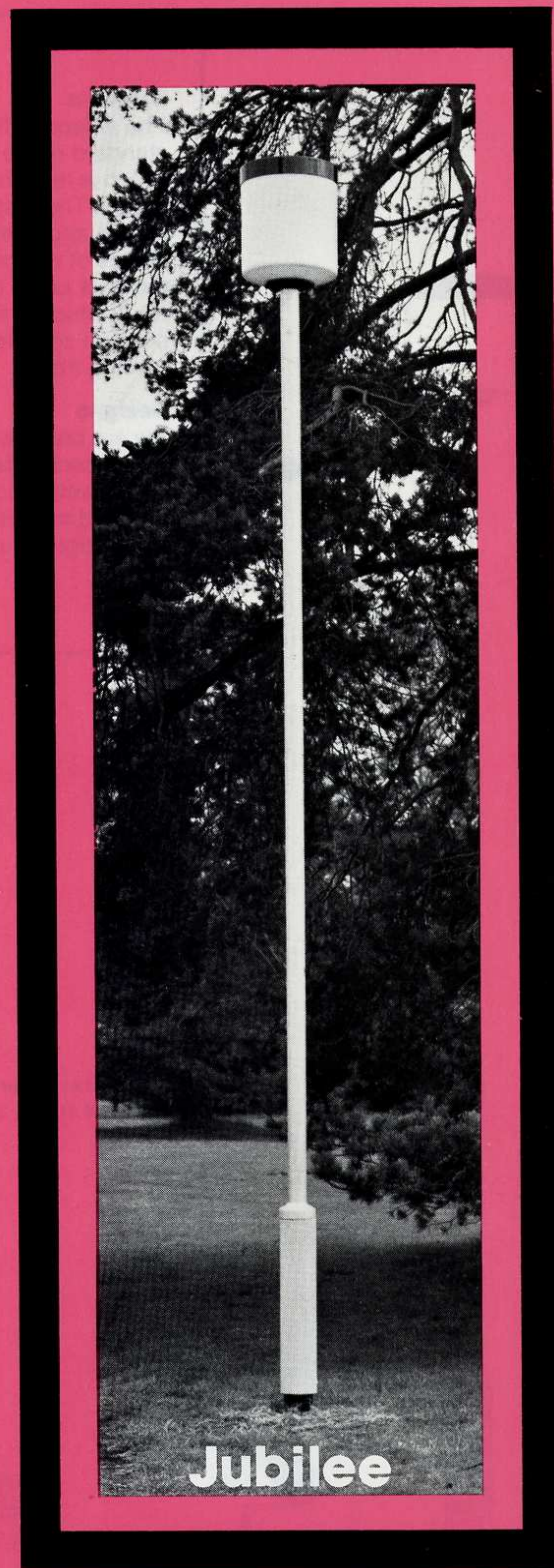
This will reduce the effects of wind induced oscillations.

Similarly if a baseplated column is used we would recommend mounting the column on building felt or a neoprene pad (which can be supplied on request) and the use of lock nuts to prevent loosening.

SPECIFICATION

The shaft, base and root are HT 30 WP extruded alloy and the base cap, etc. of die-cast LM 6 alloy with aluminium paint finish. The shaft is 76 mm O.D. x 14 SWG (2 mm) and is suitable for spigot mounting the lantern or alternatively various brackets are available (10 SWG (3 mm) can be supplied on request). Base and door are of a reeded design 150 mm O.D. and welded to the base is a 711 mm long x 114 mm tube, giving a root of 610 mm and having a cable entry of 152 mm x 76 mm. The door is fitted with an allen key lock requiring no maintenance, and the base compartment is fitted with a backboard 600 mm x 103 mm x 12 mm for the mounting of control gear. An earthing point is also fitted below the door opening.

Concrete Utilities Limited reserve the right to amend the design and/or specification without prior notice.



Photograph shows a Jubilee column with a Phosco P75 lantern

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Jubilee Aluminium Column

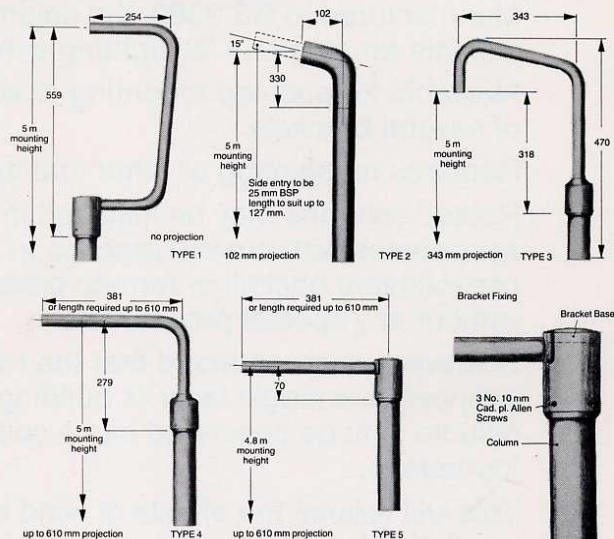
Standard Brackets

Brackets

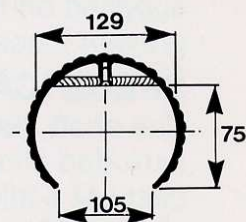
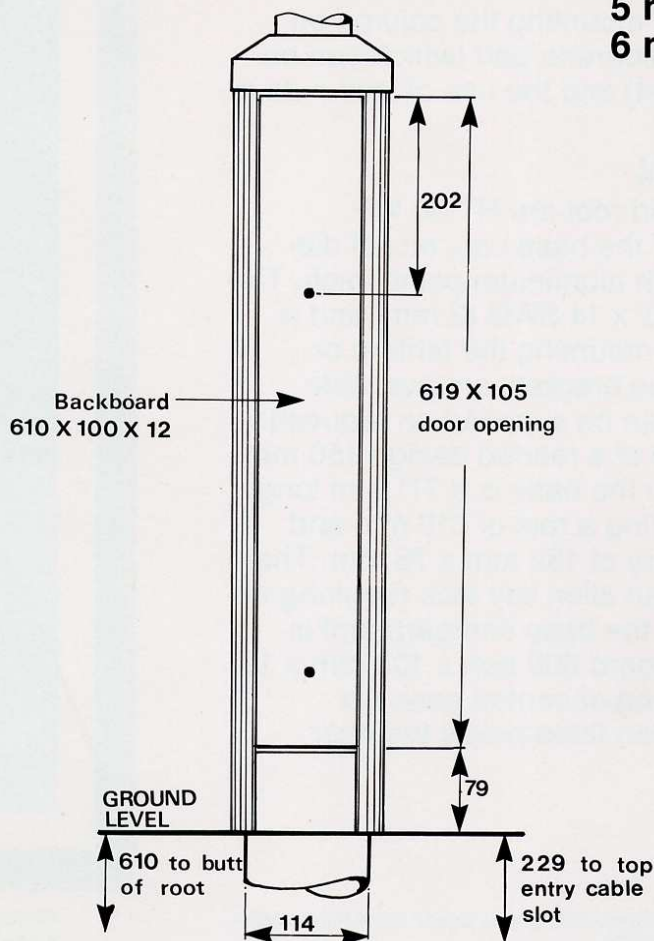
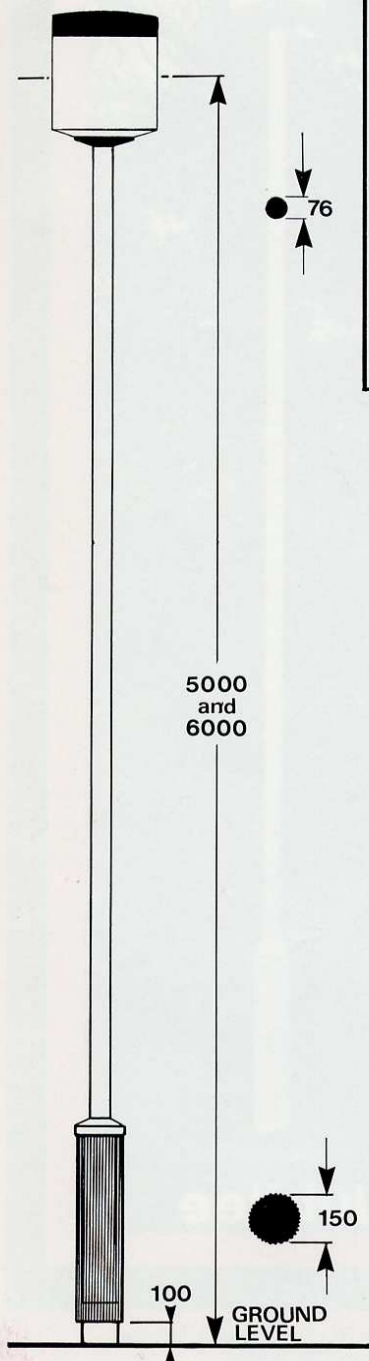
The adjacent diagrams show the standard range of brackets each of which is interchangeable with the others. The method of fixing is simple and positive and allows a choice of any position relative to the door on all brackets except No. 2 which is fixed with door position operator facing on-coming traffic.

Designs

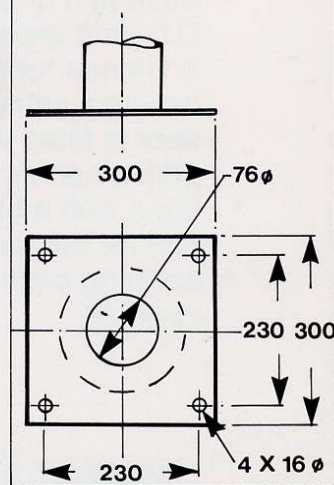
We are prepared to manufacture other bracket designs, e.g. to your own specification, and will if required submit any for approval by the Design Council.



5 metres — Weight 16 Kg
6 metres — Weight 21 Kg



BASE PLATED ALTERNATIVE FOR JUBILEE & PRECINC



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County Column

The County column was designed particularly for conservation areas and other places which require a lighting column to blend in with period backgrounds.

The shaft, base and root are HT 30 WP extruded alloy and the base cap, etc. of die-cast LM6 alloy. The shaft is 76mm O.D. x 14 SWG (2mm) and is suitable for spigot mounting the lantern. Base and door are of a reeded design 150mm O.D. and welded to the base is a 711 long x 114mm tube, giving a root of 610mm and having a cable entry of 152mm x 76mm. The door is fitted with an allen key lock requiring no maintenance, and the base compartment is fitted with a backboard 600mm x 100mm x 12mm for the mounting of control gear.

An earthing point is also fitted below the door opening.

When ordering column please state the following:—

Height — 5 metre (max.).
Rooted or base plate.
Finish — Natural or Painted.

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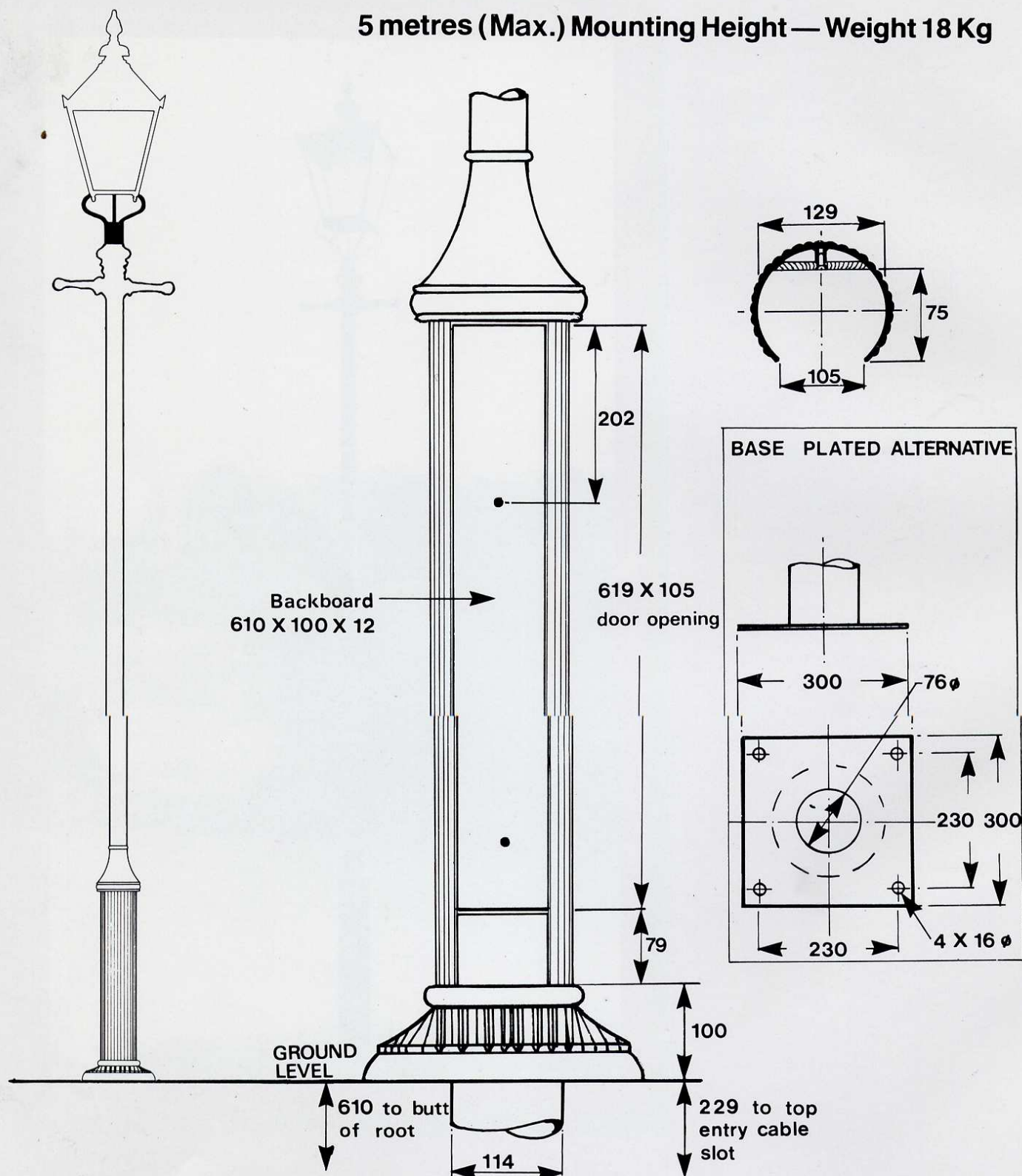
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ENGLAND

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Printed by Graphic 11/85/Welwyn Garden City/Hertfordshire

County Column

5 metres (Max.) Mounting Height — Weight 18 Kg



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