

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

Column 5m tubular steel column (SS EN 40 B09407 (S)ve 20q HSD/13010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547/2009 for design of lighting columns

36 No.

- Bracket:** Post top mounted at 0° uplit
 - Lantern:** LED Roadway lighting NXT series small, Green RAL 6013
 - Lantern ref:** NKT 12S.07.2ZES.6 RAL6013.3.CE.X.2H
 - Lamp:** 12 Watt LED 525nm, 4000K Colour temperature
 - Switch:** One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
- Pre-set to dim to 50% between 10:00pm to 6:00am

Column finish **EPA Compliant Epoxy / Polysiloxane Amended Oxfordshire County Council Specification.**

- 1) Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 19.3). Upper Additional overall coats to be applied in shop to a clean degreased, lightly abraded dry surface.
- 2) **Internal root to 250mm above ground level & External overall.**
- 3) Item 121, Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90.270, Address Spray, Minimum Dry Film Thickness: 100 microns.
- 4) **External root to 250mm above ground level**
- 5) Dacrylate Epoxide 2 Glass Reinforced 2-Pack Epoxy, ref 79.489, Brush/Address Spray, Minimum Dry Film Thickness 200 microns.
- 6) **External overall**
- 7) Dacrylate Dacsil 200 2-Pack Polysiloxane Finish RAL 6013 (or other specified colour.)
- 8) 200 - line Conventional Spray, Minimum Dry Film Thickness 75 microns.

Additional notes:-

- 1) Columns to be sited at the rear of footpath and within adoptable area
- 2) Positions are approximate. The Local Authority Engineer reserves the right to alter positions depending on site conditions.
- 3) All equipment shall comply with the Oxfordshire County Council General Technical Specification.
- 4) The Contractor shall obtain samples of the paint and technical Data Sheets from the Manufacturers prior to commencement of work.
- 5) In order to assist the developer, OCC will mark out all of the column positions.
- 6) All Street Lighting works must be carried out by a Highway Electrical Association Registered Contractor.
- 7) All columns to be numbered two metres from ground level.
- 8) Electrical Supply to Street Lighting Columns and Illuminated Signs are to be serviced / owned by the local Distribution Network Operator (i.e. Regional Electricity Company).
- 9) The 'A' tile reference number, which is on the drawing, is to be quoted in all correspondence.
- 10) No trees are to be planted within ten metres of a column.
- 11) Columns in vulnerable positions to have a column barrier protection system see HSD/12/304.

NB: Touch up on site using 2 Pack paints applied by brush will never offer the same appearance as that of a spray applied finish. For this reason every effort should be made to minimize handling / transportation damage.

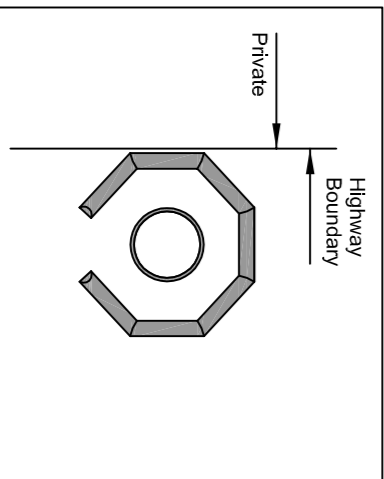
Street Lighting to be adopted by OXFORDSHIRE COUNTY COUNCIL

Columns to have a column barrier protection system final quantities to be agreed on site by OCC Engineer


Note :-
Where Columns are situated in shared areas or in a position to have a vehicle strike then a column barrier protection system will be required. See drawing HSD/12/304
Please see drawing showing initial proposed columns, final quantities to be agreed on site by OCC Engineer



No trees are to be planted within ten metres of a column



Column / Barrier to be in highway boundary See HSD/12/304

Bodicote		 OXFORDSHIRE COUNTY COUNCIL www.oxfordshire.gov.uk
Development off A4260 Oxford Road Street Lighting Section 38 Cala Homes		
Notes	Amendments	Date
Sue Scame Director of E & E Environment & Economy Oxfordshire County Council Speedwell House Speedwell Street Oxford OX1 1NE		
Scale	1:500 (at A1)	Initial Date TP 06.16 DAB 06.16 DH 06.16
Drawing No.	A 4 4 0 6	