

14/100089/REM

Black duct to be laid in verge beside footway to position shown in case needed in future

Location Plan
Not to Scale


OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

- COLUMN** 5m 'Abacus' tubular steel Raise & Lower column (BS EN 40) EN10210 (T051RLS/FD/OXON) complete with flush door. Rationalised wind loading factor (RWF) for Oxfordshire as Specified in PD6547:2009 are to be used as a pressure for design of lighting columns
- BRACKET** 0.3m outreach stub bracket at 0° tilt - spigot size for side entry lantern to be 48mm diameter. 100mm long
- LANTERN** Philips Mini Iridium LED BGS451
Lantern body & canopy to be aluminium factory-finished RAL6018 'reed green'
Philips Lumistep to dim to 50% 6 hours (midnight to 6am)
CLO constant light output over 60,000hr driver life
LED Greenline - Colour temperature 830
Order code, BGS451GRN16-ZS / 830 1 MSO AL6013 CLO-L56 P3-55
- CONTROL** One piece photocell (SELC 8482) set at 55 lux on 28 lux off
- COLUMN FINISH** **Type G2a system EPA Compliant Amended Oxfordshire County Council Specification**
i.e. Requirements of Lighting Columns, Bracket Arms & Doors (see Oxfordshire Amended Appendix 19/3). Upper additional overall coats to be applied in shop to a clean, degreased, dry surface.
- 1st Coat:** **Internal root to 250mm above ground level & external overall**
Item 155, Dacrylate 'T' Wash Ref: 150-23 or lightly abrade external galvanized surfaces.
- 2nd Coat:** **Internal root to 250mm above ground level & external overall**
Item 121, Dacrylate 2 Pack Extended Cure Epoxy M10.
Ref: 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.
- 3rd Coat:** **External overall**
Item 121, Dacrylate 2 Pack Extended Cure Epoxy M10
Ref: 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.
- 4th Coat:** **External overall**
Dacrylate 2 Pack High Solids Acrylic Finish RAL 6013 (or other specified colour).
Ref: 82-Line. Conventional Spray, Minimum Dry Film Thickness 50 microns.

- Additional notes :-**
- 1) Columns to be sited within adoptable area in the verge approx 300mm setback from cyclepath; column foundation to be in accordance with HSD/13/005]
 - 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 Specifications.
 - 4) The Contractor shall obtain samples of paint and technical Data Sheets / support 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 columns to be numbered two metres from ground level.
 - 7) 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).
 - 8) The 'A file reference number' which is on the drawing, A4166, is to be quoted in all correspondence.
 - 9) No trees are to be planted within five metres of a lamp column.

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

Notes	Amendments	Date	Steve Howell Deputy Director for E & E Highway and Transport Oxfordshire County Council Speedwell House Speedwell Street Oxford OX1 1NE	Scale	Initial	Date
				1:1000 (at A1)	Drawn Traced Checked	PBS DAB
				Drawing No.	A 4 1 6 6	
				Bicester SW Strategic Cycleways 1, 2 & 3		
				 OXFORDSHIRE COUNTY COUNCIL www.oxfordshire.gov.uk		