



OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

Column 6m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/1300/006)
Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns

← ● 13 No.

Bracket Post top mounted at 0° uplift
Lantern DW Windsor Kirium Pro 1 Green RAL 6013
Lantern ref Kirium Pro 1 24LED 3K CLO 550mA A1 optic RAL 6013
Lamp 36 Watt 24 LED 3000K Colour temperature 5.12 km
Switch One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 22.00pm to 6.00am
UMSUG Code 42 0038 0000 100
Switch Regime DB3

Column 5m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/1300/006)
Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns

← ● 50 No.

Bracket Post top mounted at 0° uplift
Lantern DW Windsor Kirium Pro mini - Green RAL 6013
Lantern ref Kirium Pro mini 16LED 3K CLO 300mA A1 optic 3 RAL 6013
Lamp 14 Watt 16 LED 3000K Colour temperature 1.99 km
Switch One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 22.00pm to 6.00am
UMSUG Code 42 0014 0000 100
Switch Regime DB3

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

1st Coat: **Internal root to 250mm above ground level & External overall**
Item 121, Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.

2nd Coat: **External root to 250mm above ground level**
Dacrylate Epidac 2 Glass Reinforced 2-Pack Epoxy, ref 79-489. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.

3rd Coat: **External overall**
Dacrylate Dacsil 200 2-Pack Polysiloxane Finish RAL 6013 (or other specified colour.)
200 - line, Conventional Spray, Minimum Dry Film Thickness 75 microns.

- Additional notes:-**
- Columns to be sited at the rear of footpath and within adoptable area.
 - Positions are approximate. The Local Authority Engineer reserves the right to alter positions depending on site conditions.
 - All equipment shall comply with the Oxfordshire County Council General Technical Specification.
 - The Contractor shall obtain samples of the paint and technical Data Sheets from the Manufacturers prior to commencement of work.
 - In order to assist the developer, OCC will mark out all of the column positions.
 - All Street Lighting works must be carried out by a Highway Electrical Association Registered Contractor.
 - All columns to be numbered two metres from ground level.
 - 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).
 - The "A file reference number" which is on the drawing, is to be quoted in all correspondence.
 - No trees are to be planted within ten metres longitudinal of a column.
 - Columns in vulnerable positions to have a column barrier protection system HSD/1300/008.

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

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

Key

0.8 lux line

0.43 lux line

1.23 lux line

Bodicote Development off White Post Road New Street Lighting Section 38 Phase 1 David Wilson Homes			 OXFORDSHIRE COUNTY COUNCIL www.oxfordshire.gov.uk
Scale: 1:500 (at A1) Drawing No. A 4 8 0 4 b Sheet 2 of 2			
Notes	Amendments	Date	Owen Jenkins Director for Infrastructure Delivery Communities Oxfordshire County Council County Hall New Road Oxford OX1 1NE
	a Roads redrawn	2.2.20	Initial: DH Date: 8.19 Drawn: DH Date: 8.19 Checked: TP Date: 8.19
	b Roads redrawn	23.7.20	