Note
Convert lanterns e28, 29 & e30 DW Windsor Kirium Pro 1 32LED 450mA A1 3k 5.46, Pre-set to dim to 75% output from 00.00 to 06.00 D17, One piece photocell Nema 7 pin type (Westire 7200 series) set at 35/18 Lux

Note
Manufacture rear Shields will be needed (where they are in front of trees & vegetation)

1.0 Lux line

**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 file reference number" which is on the drawing, is to be quoted in all correspondence.
10) No trees are to be planted within ten metres longitudinal of a 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

**OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION**

| | |
|---|---|
| **Column** | 5m tubular steel column (BS EN 40) BDS4/07 (Style 2 drg HSD/1300/006) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns |
| **Bracket** | Post top mounted at 0° uplift |
| **Lantern** | DW Windsor Kirium Pro mini - Green RAL 6013 |
| **Lantern ref** | Kirium Pro Mini 16LED 3K CLO 450mA D4 optic RAL 6013 |
| **Lamp** | 21 Watt 16 LED 3000K Colour temperature 2.84klm |
| **Switch** | One piece photocell Nema 7 pin type (Westire 7200 series) set at 35 / 18 Lux Pre-set to dim to 50% between 22.00pm to 6:00am |
| **UMSUG Code** | 42 0021 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. |

Highway
kerb edge
1.5m
Column
1.2m
0.75m
1.5m
Column to be set back
2 No.

OXFORDSHIRE COUNTY COUNCIL
www.oxfordshire.gov.uk

| | Initial | Date |
|---|---|---|
| Drawn | DH | 5.21 |
| Traced | DAB | 5.21 |
| Checked | TP | 5.21 |

Scale 1:250 (at A1)

Drawing No. A 4 9 4 6 b

Bodicote
New Development off White Post Road
New Street Lighting Trappers Farm Sections 38 & 278
Green Square

| Notes | Amendments | Date |
|---|---|---|
| a | New layout and column set back areas & one column added | 2.3.22 |
| b | New layout and one column added | 26.5.22 |

Bill Cotton
Corporate Director of
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Oxfordshire County Council
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