

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

Column 5m tubular steel column (BS EN 40) BD9407 (Style 4 drg HSD/13015) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD5647 2009 for design of lighting columns

Lantern Holophane Factor LED Lantern Ref. FTFL034NRRAL6013TSZ - Green RAL 6013
Lamp LED c 3000lm with 4000K colour temperature
Control One piece mini photocell (Zodion) set at 55 Lux on 28 lux off

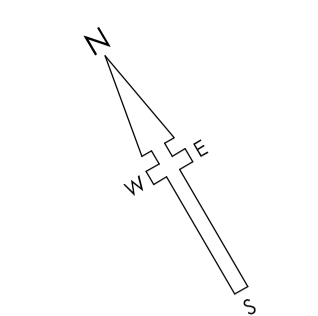
Column finish EPA Compliant Epoxy / Polyisoxane Amended Oxfordshire County Council Specification

i.e. Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 19G). 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 MCO, ref 90 270. Airless Spray, Minimum Dry Film Thickness 100 microns.
2nd Coat: External root to 250mm above ground level
 Dacrylate Epoxiac 2 Glass Reinforced 2 Pack Epoxy, ref 79 489. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.
3rd Coat: External overall
 Dacrylate Dacal 200 2-Pack Polyisoxane 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, the design Engineer will mark out all of the column positions.
 - All Street Lighting works must be carried out by 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 five metres 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



- KERBING KEY**
- HB2 - 125x255 HB2 kerb 125 mm face
 - BN - 125x150 BN15 dropped 15 mm face
 - DK 0 - 125x150 BN15 dropped 0 mm face
 - EF - 50x150 EF edging laid flush
 - T - Dropper/Transition kerb as required
 - CS - square edged channel block
 - BJ - Blocks Built Jointed Together
 - mb - Highway marker block
 - TB - Timber Bollard (OCC Approved)
 - GS - Circle of Granite Setts

- Permeable Charcon Andover Textured Infilla Colour - Silver Grey
- Permeable Charcon Woburn Rumble Infilla Colour - Rustic
- Permeable Charcon Andover Textured Infilla Colour - Charcoal
- Permeable Charcon Infilla Colour - Grey
- Permeable Charcon Infilla Colour - Burnt Oker
- Impermeable Charcon Woburn Rumble Colour - Graphite
- Impermeable Masterfint surfacing
- Soft landscaping
- Ecodeck
- Granite Setts
- Impermeable Blocks to be used within designated areas
- Proposed Service Margin
- Brass stud or equivalent to denote the edge of the service margin
- Proposed Limit of O.C.C. Section 38 adaption to be agreed
- Limit of Phase 1 works - Refer to Hyder drawings for details of Spine Road
- Sureset Recycled Glass firm Aggregate set within granite setts sunk into ground Colour A=Wild Lavender, Colour B=Pacific
- Timber Bollard with reflective strip (OCC approved)

OCC Lighting Ref: A 4 2 3 6

WILLMOTT DIXON HOUSING	
REVIEWED	
PRELIMINARY	STATUS
FOR COMMENT	A
FOR CONSTRUCTION	B
SIGNED	C
DATE	

TITLE
 Surface Finishes and Kerb Types
 Sheet 3 of 4
 Bicester Southfields Eco Village
 Bicester
 Oxon

DRAWING NUMBER
 12-1196-04 Sheet 3 of 4 Rev P7



Rev	Drawn by	Chk'd by	Comments	Date
P4	TST	DJ	Timber bollards added to greenlines	08/03/13
P5	TST	DJ	OCC street lighting scheme added	22/04/13
P6	TST	DJ	Community Street 4 amended	18/12/13
P7	TST	DJ	Community Street 4 updated and spherical bollards replaced with timber	16/04/14

- NOTES**
- All dimensions and levels are in metres unless otherwise noted
 - This drawing is to be read in conjunction with the relevant Architects/Engineers drawings, specifications and CDM documentation
 - This drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
 - This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

Note
Lighting Column Installation
 All columns must be installed within 1 metre of the design position on the lighting layout drawing, otherwise the lighting performance will be impaired.
Landscaping and Planting
 Landscaping or planting around the column must be kept at a low level to avoid obstructing the luminaire and must be suitably maintained to avoid any future obstruction that may occur from the long term growth of plants. No account is taken for the blocking effect caused by buildings, trees etc.

DATE
 10/01/2013
 SCALE
 1:200 @ A1
 DESIGNED BY
 TST
 scale bar @ 1:200
 STATUS
SUBJECT TO TECHNICAL APPROVAL

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