



Notes

- All column and signs in the verge or footway are to be serviced via Direct connection by Eon). Signs and Columns shall be fitted with secondary isolation above the DNO cut out. The Unit shall be as Leicestershire County Council specification i.e. Charles Lighting L501. Fuse discrimination shall comply with BS7671 between the DNO cut out (16A) and the secondary isolation (6A).
- All adopted Lighting column shall be installed within the adopted highway, i.e. at the back of footpath but inside the back edging kerb. See standard drawing SD13-11.
- Where there are known services in the vicinity of excavations the Contractor shall ensure hand digging is carried out with care. The Contractor shall arrange for statutory undertakers plant to be marked on site prior to excavations with mechanical excavators.
- In this instance the use of 3 dimensional masking has not been used to take into consideration the actual position of high sided objects such as buildings and the like. Trees and shrubs etc have not been considered as their masking ability will vary with seasonal conditions.
- Isos contours produced in this drawing have been created using a conventional symmetrical grid. This does not take into account the spacing or weightings as detailed in BS5489 or BS EN 13201-3:2015.
- Copies of the original lighting reality calculations available upon request please send an email to mail@nicksmithassociates.com quoting the project number.
- Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Electrical Lighting Solutions (www.elstd.co.uk), Marwood Electrical (www.marwoodelectrical.co.uk) or Maclean Electrical (www.maclea.co.uk)
- Leicestershire County Council have apply a part night policy and may determined some columns to be have part night lighting. Part night switching to be applied using the Telensa CMS.
- Lanterns shall be pre programmed to dim to the output via the driver prior to adoption. See table for exact details
- All material and construction shall be in accordance with the Leicestershire CC highway design guide column specification. For column to drawing detail and specification see LCC drawing SD13/3.
- Earthing arrangements for lighting units shall include a 6mm² cross sectional area conductor bonding steel columns/integral base compartment posts/housings to the main earthing terminal associated with the service cut 2out. A flexible conductor of the same cross sectional area shall be used to bond the doors of such compartments and shall be of sufficient length to allow placement of door on ground without tension.
- Column installation depth to be checked to manufacturers installation instructions and LCC standard drawing detail and specification, 600mm to to door bottom.

Key

- Proposed Solar illuminations BC13 Solar LED Large Bollard Light
- Wall mounted downlighter with GU10 reflector lamp producing 500 lumens photocell and movement sensor control
- Proposed steel galvanised 6m column with post mounted ASD Lighting Highway Diamond lantern (HWD2-#3K16 700-M1-CLO Gen 5) with warm white LED to deliver 3620 lumens then permanently dimmed (see schedule) by LCC (see note 10, Integral Dall driver without CLO, 7 pin nema and 5 pin Telensa GPS enabled telecel
- Section 278 6m column with post mounted ASD Lighting Highway Diamond lantern (HWD2-#3K16 700-M1-CLO Gen 5) with warm white LED to deliver 3620 lumens see drawing 3067-D-01 for further details
- Existing section 278 6m column with Urbis Ampera (AMPERA MINI 5141 - 16 OSLOM SQUARE GIANT 700mA NW 230V 00-36) to remain
- Existing section 278 7m column with Urbis Ampera (AMPERA MINI 5141 - 16 OSLOM SQUARE GIANT 700mA NW 230V 00-36) to remain
- Column number Numbering shall use a 16 gauge aluminium plate attached to the column with nylon ties 50mm numbers. See drawing SD12/36, sign plate design based upon product supplied by : Nuneaton Signs, Kelsey Close, Attleborough Industrial Estate, Nuneaton, Warwickshire CV11 6RS
- 3.00 lux iso-contour line
- 0.60 contour line
- 0.40 contour line
- DNO(N) New DNO supply
- Wattage:34w
- Charge Code : 42 0034 0000 100
- Switching Regime: 521
- Burning Hours: 4150



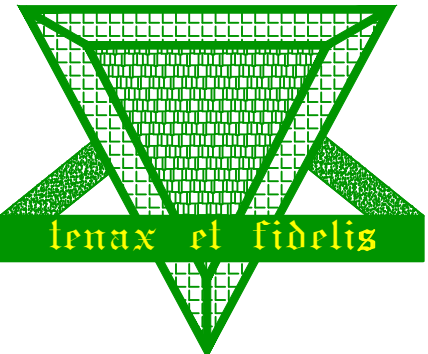
BC13 Solar LED Large Bollard Light



Wall mounted downlighter with motion sensor control

REV	DETAILS	DWN	DATE
Drawing Number			Revision
3067-D-03			-
Client			
MyPad			
Project			
Barton Road, Barlestone Leicestershire			
Drawing Title			
Proposed Private and adopted lighting and Illuminance Layout			
Scale at A1		Sheet 1 of 1	
1-500		Date	
Drawn NWS		09.09.2024	

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All dimensions in metres