



Lighting Column:
Qty 35
6m Leicestershire County Council specification tubular steel post top column. As per Leicestershire County Council standard detail drawing 'SD1/13/1'. Columns to also comply with BS EN40-1.

Column Reference: N/A

Luminaire: ASD Lighting 'Highway Diamond Elite Micro' LED Luminaire fitted with a rear shield

Mounting Type: Post top mounted

Manufacturer Ref: HWD2-#3K16 700-M1-CLO Gen 5

Lumen Output: 3.62 km

Luminaire Wattage: 34 w

Charge Code: 42 0034 0000 100

Colour Temperature: 3000k Warm White

Luminaire Tilt: 0°

Luminous Intensity: G2

Control Gear: Philips Xitanium LED Driver (DALI standard)

Dimming Profile: Telensa 5-pin NEMA Telect with integral Dimming Module (DALI standard) & GPS positioning

Supply: DNO electrical supply connection

Primary Isolator: DNO approved isolator

Secondary Isolator: Charles Manufacturing LSI-02/SF

Pre-set Dimming: 70%

Street Lighting Key:

Symbol **Description**

Qty 16 6m Leicestershire County Council specification tubular steel post top column. As per Leicestershire County Council standard detail drawing 'SD1/13/1'. Columns to also comply with BS EN40-1.

Column Reference: N/A

Luminaire: ASD Lighting 'Highway Diamond Elite Micro' LED Luminaire fitted with a rear shield

Mounting Type: Post top mounted

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Supply: DNO electrical supply connection

Primary Isolator: DNO approved isolator

Secondary Isolator: Charles Manufacturing LSI-02/SF

Existing lighting column to remain (contributory lighting purposes only)

UNIT NUMBERING KEY:
Proposed lighting column identification number

ELECTRICAL CONNECTION TYPE:
Proposed Distribution Network Operator electrical supply connection

LIGHTING ISOLUX CONTOUR KEY:
7.5 Isolux contour line
5.0 Isolux contour line
1.0 Isolux contour line

DRAWINGS TO BE PRINTED IN COLOUR TO ENABLE CORRECT IDENTIFICATION OF SYMBOLS, PROPOSED LIGHTING CABLES OR LINETYPES SHOWN

LIGHTING SCHEME DESIGNED IN ACCORDANCE WITH:
BS 5489-1:2020 & BS EN 13201-2:2015

S/P RATIO: N/A

MAINTENANCE FACTOR: 0.84

LIGHTING CLASSIFICATION: P4

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >5.00 LUX <7.50 LUX
MIN. ILLUMINANCE (E_{MIN}): >1.00 LUX
EMIN/EAV (UNIFORMITY): >0.20 (20%)

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE LOCAL AUTHORITY BY THE DEVELOPER. SHOULD WORKS BE CONSTRUCTED WITHOUT APPROVAL THEY WILL BE ENTIRELY AT THE DEVELOPER'S RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, MMA LIGHTING CONSULTANCY HAVE NOT SUBMITTED THIS DESIGN FOR TECHNICAL COMMENTS/APPROVAL.

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT LEICESTERSHIRE COUNTY COUNCIL (LCC) SPECIFICATIONS AND AGREEMENTS.

CONTRACTOR TO CONFIRM POSITION OF STATUTORY UNDERTAKERS PLANT BEFORE COMMENCEMENT OF THE WORKS.

DURING WORKS ALL TRAFFIC MANAGEMENT TO BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

PROPOSED LIGHTING COLUMNS ARE TO BE LOCATED TO THE REAR OF THE FOOTPATH WHEREVER POSSIBLE OR A MINIMUM OF 1000mm SETBACK FROM FRONT KERB EDGING.

ANY EXISTING OR PROPOSED TREES ARE TO BE CUTBACK, REMOVED OR RELOCATED TO AVOID INTERFERENCE WITH THE STREET LIGHTING LUMINAIRE OR PREVENT ANY FUTURE MAINTENANCE.

IF THE AUTHORITY OR CONTRACTOR EXPERIENCE ANY PART DISCREPANCY BETWEEN THIS DRAWING OR ANY OF THE DOCUMENTS RELATING TO THIS SITE THE AUTHORITY OR CONTRACTOR MUST CONTACT THE LIGHTING DESIGNER FOR CLARIFICATION.

UNIT NUMBERS SHOWN ARE FOR DESIGN IDENTIFICATION PURPOSES ONLY.

FINAL COLUMN NUMBERING SHALL BE AGREED WITH THE OVERSEEING ORGANISATION.

REV	AMENDMENT	DATE	INITIAL
R0	INITIAL DESIGN - BASE DRAWING USED "Planning Layout 05-02-2025"	27/02/2025	BR

MMA
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Project title		NEWBOLD VERDON	
Drawing title			
S38 STREET LIGHTING DESIGN			
SHEET 1 OF 2			
Prepared by BR		Checked by HC	
Scale 1:500 @ A1		Date 27/02/2025	
Drawing Number MMA19267/001		Revision Details R0	

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEEING ORGANISATION BEFORE COMMENCEMENT OF ANY STREET LIGHTING INSTALLATION OR REMOVAL WORKS.

ALL SERVICES ARE TO BE LOCATED AND IDENTIFIED PRIOR TO INSTALLING OR REMOVING ANY LIGHTING COLUMNS. WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH HSE GS6, ENA 43-8, HSE HGS47, G39/1 AND ALL RELEVANT HSE REGULATIONS.

DETAILS OF EXISTING STATUTORY UNDERTAKERS PLANT ARE TO BE OBTAINED BY THE CLIENT AND THE CONTRACTOR MAY EXAMINE THESE RECORDS AT THE ENGINEERS OFFICE. ALL WORKS IN THE VICINITY OF ANY OVERHEAD CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE GS6 'AVOIDANCE OF DANGER FROM OVERHEAD LINES' AND ALL WORKS IN THE VICINITY OF UNDERGROUND MAINS OR CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE HGS47 'AVOIDING DANGER FROM UNDERGROUND SERVICES' AND ANY ADDITIONAL REQUIREMENTS SPECIFIED BY THE RELEVANT UNDERTAKER.

THE CONTRACTOR WILL BE RESPONSIBLE FOR LIAISON WITH THE UNDERTAKERS AND FOR PROGRAMMING THE AGREED PROTECTION AND/OR DIVERSION WORKS TO ANY STATUTORY UNDERTAKERS APPARATUS INTO THE OVERALL WORKS PROGRAMME (THIS IS TO INCLUDE ADJUSTMENT OF STATS COVERS).

ANY DAMAGE TO PLANT OR APPARATUS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE OVERSEEING ORGANISATION BY THE DEVELOPER. NO WORKS SHALL BE CONSTRUCTED WITHOUT APPROVAL IF CARRIED OUT THEN THEY WILL BE ENTIRELY AT THE DEVELOPER'S RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, THIS DESIGN HAS NOT BEEN SUBMITTED FOR TECHNICAL APPROVAL.