



Unit Ref:	Height	Lantern Ordering Code	Tilt	Wattage	Dimming regime	Lantern ID label	Easting grid Ref:	Northing grid Ref:
LC01	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401275.6359	339141.1750
LC02	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401309.8200	339158.9965
LC03	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401337.4975	339148.0894
LC04	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401359.6959	339127.7185
LC05	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401378.1789	339096.7980
LC06	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401399.8391	339091.8912
LC07	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401377.1372	339073.7144
LC08	6m	SLI 2 LA033 A2 W023 D1438	0°	23w	A	3200A	401391.9356	339048.8805
LC09	6m	SLI 2 LA023 A2 W016 D1438	0°	16w	A	2200A	401407.0885	339034.2572
LC10	6m	SLI 2 LA023 A2 W016 D1438	0°	16w	A	2200A	401372.4892	339013.5795
LC11	6m	SLI 2 LA023 A2 W016 D1438	0°	16w	A	2200A	401383.5936	339003.8261

GENERAL NOTES

- The site engineer shall ensure that all drawings and associated documentation are fully coordinated and consistent prior to the commencement of any works.
- All design documents shall be read in conjunction with one another.
- Any discrepancies, amendments, or conflicts identified shall be reported immediately to SHD Lighting Consultancy Ltd and the overseeing organisation.
- SHD Lighting Consultancy Ltd accepts no responsibility for construction errors or omissions resulting from unreported design issues once works have commenced.
- No substitutions of luminaires, drivers, optics, or control equipment shall be made without approval from SHD Lighting Consultancy Ltd. Unapproved substitutions may invalidate compliance with lighting standards and design intent.

NOTES

- All works to be carried out in accordance with:
SLP500 - Street Lighting Design Policy - V3.1 July 2018
SLP501 - Staffordshire County Council Specification V3.1 July 2018
SLP502 - Highway Works Detail Drawings V3.1 July 2018
- Any inaccuracies are to be reported to the overseeing organisation and street lighting designer immediately.
- The drawing does not detail statutory undertakers information and should be sourced by the contractor prior to starting any works.
- The contractor shall liaise with the DNO in relation to the programming and coordination of any works associated with the connection and disconnection of street lighting equipment.
- Supplies to new lighting columns shall be taken directly from the distribution network operator supplies (DNO) for the new development. An application for supply form must be completed and issued to ensure a supply is made to each column.
- All luminaires are to be supplied with Philips Xitanium driver and dynamimer gear pre-programmed for stand-alone operation.
- All luminaire are to be supplied with a one part photo electric control unit (PECU) mounted in 7 pin NEMA socket switched on at 35 Lux with negative switch differential ratio 1.0:0.5
- All columns are to have a secondary double pole isolation unit to Staffordshire County Council specification with lock-off facility fitted with 6A fuse which shall discriminate with the fuse fitted into the DNO cutout incorporating an earth terminal.
- Cable between cut-out and luminaire shall be 1.5mm² flexible cable (9083Y) and comply with SL400, 1. diagram 1.
- Earthing cable to be green/yellow PVC insulated (6419X) and tri-rated green/yellow PVC insulated (BS 6231) to door earth bond.
- Exact positions are to be agreed on site before erection works commences. Columns and equipment are only to be installed on land adopted adopted by the Staffordshire County Council.
- After erection columns shall be numbered clearly in accordance with Staffordshire County Council requirements.
- Column foundations shall be designed in accordance with the manufacturer data sheets for the columns and soil types present.
- The minimum distance for a lighting column to be erected from the kerb face in a service strip shall be 1000mm.
- Unless otherwise indicated, lighting columns shall be planted at the rear of the footpath and positioned such that the door opening is facing the road, unless obstructed, in which case it shall be angled outwards to clear obstruction. Refer to SLP501 - Staffordshire County Council Specification V3.1 July 2018, when unable to plant the lighting column to the rear of the footpath.
- All materials and equipment shall comply with Staffordshire County Council specification. Any materials or equipment proposed by the contractor shall be submitted to Staffordshire County Council for approval before any purchase agreement.
- All materials shall be to the relevant British standard. Site works shall comply in general with department of transport specification for highway works, and shall also conform to:
 - The Electricity at Work Regulations (1989)
 - The Health and Safety at Work Act
 - Chapter 8 of the Traffic signs manual
 - The control of substances hazardous to health regulations 1988
 - The construction (design management) (CDM) regulations 2015
- Erection and installation works shall comply with the current issue and amendments of BS 7671: 18th edition IET wiring regulations 2018 requirements for electrical installations. The current edition of the code of practice for electrical safety in public lighting operation and the code of practice for the erection of street lighting published by the Highway Electrical Association.
- The developer will be required to pay any energy liability charges with their electricity supplier until the adoption of the development.
- The information on this drawing does not account for site or installation considerations or provide any risk assessment.
- No account is taken for the blocking effect caused by buildings, etc
- The planting of trees near to lighting columns is to be avoided as future growth may inhibit lighting levels.
- Horizontal clearance for any existing or proposed tree canopies shall be greater than 5m from any proposed lighting columns.
- Due to the layout of the plots and associated driveways it is inevitable that there will be conflict with proposed landscaping features. Where such instances occur the lighting column locations will take precedence over any proposed trees in order to satisfy the requirements of the British Standard.
- The calculation shown by this drawing assumes that the whole area being considered is in the same plane.
- If the columns cannot be installed as set out, the street lighting designer will have to be consulted for alternative column positions.
- It is the developer's responsibility to ensure that any house buyers are aware of street lighting positions prior to house purchase.

SERVICE SAFETY & COORDINATION REQUIREMENTS

- The contractor shall obtain current statutory service record plans from all relevant undertakers before commencing any street lighting installation, alteration, or removal works.
- The contractor shall assume not all existing services are shown on design drawings. Any uncharted or unidentified services discovered must be carefully located, protected, recorded, and reported to the overseeing organisation and statutory undertaker immediately. Prior to starting work, the contractor shall identify and assess all electrical and communication apparatus within or adjacent to the works. Where present, the relevant undertaker shall be consulted, and written safety guidance obtained.
- Works near overhead lines shall comply with HSE Guidance GS6 – "Avoidance of Danger from Overhead Power Lines", including appropriate exclusion zones, barriers, and supervision.
- All installation and removal works shall comply with: Electricity at Work Regulations 1989, Construction (Design and Management) Regulations 2015 (CDM 2015), ENA TS 43-8 (Underground Cable Laying), ENA ER G39/1 (Public Lighting Safety Code of Practice)and all other applicable HSE and electrical safety regulations.
- Works near underground mains or cables shall follow HSE Guidance HSG47 – "Avoiding Danger from Underground Services", including verified service plans, CAT & Genny use, trial holes, and safe excavation methods.
- The contractor shall liaise with all statutory undertakers to plan and programme any required protection, isolation, or diversion works, ensuring necessary permits and approvals are in place.
- Any service diversions or protection works shall be undertaken by, or under the supervision of, the relevant statutory undertaker in accordance with the New Roads and Street Works Act 1991 (NRSWA).
- The contractor shall maintain accurate as-built records of all discovered or relocated services and issue updated information to the overseeing organisation at project completion.

Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base and glass flake root protection as supplied to Staffordshire County Council and shall be in accordance with the latest EON street lighting documents.

Luminaire: Holophane Sline
Mounting Type: Post top mounted at 0° tilt
Manufacturer Reference: SLI2 LA033 A2 W023 D1438
Lumen Output: 3.20klm
Charge Code: 42 0023 0000 100 (23w)
Colour Temperature: Warm White (3000k)
Luminous Intensity: G2
Control Gear: DALI enabled dimmable driver

Dimming Profile: Dimming Regime A (Elexon D01)
Dusk until 20:00: 100% lumen output
20:00 until 00:00: 75% lumen output
00:00 until 06:00: 50% lumen output
06:00 until Dawn: 100% lumen output

Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base and glass flake root protection as supplied to Staffordshire County Council and shall be in accordance with the latest EON street lighting documents.

Luminaire: Holophane Sline
Mounting Type: Post top mounted at 0° tilt
Manufacturer Reference: SLI2 LA023 A2 W016 D1438
Lumen Output: 2.20klm
Charge Code: 42 0016 0000 100 (16w)
Colour Temperature: Warm White (3000k)
Luminous Intensity: G2
Control Gear: DALI enabled dimmable driver

Dimming Profile: Dimming Regime A (Elexon D01)
Dusk until 20:00: 100% lumen output
20:00 until 00:00: 75% lumen output
00:00 until 06:00: 50% lumen output
06:00 until Dawn: 100% lumen output

UNIT IDENTIFICATION KEY:
LC** Proposed lighting column identification number

ELECTRICAL CONNECTION TYPE:
IDNO Independent distribution network operator connection

ISOLUX CONTOUR KEY (AT GROUND LEVEL):
1.00 Isolux contour line
2.00 Isolux contour line

The details provided on this drawing are subject to comments by all relevant approving authorities and/or any overseeing organisation. It is to be understood that these drawings and the information shown shall not be used for construction. This drawing should not be used any tendering, procurement of materials or construction until technical approval is received. Should any tendering, procurement, installation or removal works take place prior to obtaining written full technical approval, then it is entirely at risk and SHD Lighting Consultancy Ltd accept no responsibility for these actions.

RO	INITIAL DESIGN FOR REVIEW AND COMMENT	15/03/2026	SRH
REV	DESCRIPTION	DATE	BY
SHD			
info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk			
PROJECT:	DAISY BANK FARM		
DRAWING:	S38 STREET LIGHTING DESIGN		
CLIENT:	SALBOY		
DRAWING NUMBER:	SHD2655-SHD-HLG-DARS-DR-RED-Lighting Layout RD	DRAWN:	SRH
	SHEET 1 OF 1	CHECKED:	SRH
CONTRACT NUMBER:	SHD2655	APPROVED:	
	DATE: 15/03/2026	SCALE @ A1	1:500
		REVISION:	R0
NOT TO BE USED FOR CONSTRUCTION			