



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

ISOLUX CONTOUR KEY:
1.00 Isolux contour line
2.00 Isolux contour line

The details provided on this drawing are subject to comments by all the relevant approving authorities or overseeing organisation.
No construction works shall take place until technical approval has been obtained by the approving authority or overseeing organisation.
It is to be understood that these drawings and the information shown are preliminary only and shall not be used for construction.
Should the contractor commence work on site prior to obtaining technical approval, then it is entirely at their own risk and no liability shall be accepted by SHD Lighting Consultancy Ltd.

- STATUTORY SERVICE NOTES**
- Current statutory service record plans should be obtained by the contractor / overseeing organisation before the 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. Installation and Removal works should be carried out in accordance with ENA TS 43-8, EAWR 1989, CDM 2015 & G39/1 and all other relevant HSE regulations.
 - 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".
 - 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

- GENERAL NOTES**
- All documents shall be checked to ensure they are compatible by the contractor before construction commences. In the event of apparent ambiguity or contradiction, SHD Lighting Consultancy Ltd and the overseeing organisation shall be notified immediately.
SHD Lighting Consultancy Ltd accept no liability in the event of not being notified and where construction work has commenced.
 - Before construction commences, the site engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the overseeing organisation and all drawings and documents are to be read in conjunction with one another.
 - This lighting design has been prepared in accordance with the HEMSA/HEA Guidance Note - CDM2015 Regulations, Issue 1.1 dated 09/04/15 - Procedure 2 and The Construction (Design and Management) Regulations 2015 - PART 3 Health and safety duties and roles - 9. Duties of designers.
 - 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. All works should be carried out in accordance with HSE GS6, ENA 43-8, HSE HGS47, G39/1 and all relevant HSE regulations

Qty 4	Lighting Column: Proposed galvanised tubular steel lighting column of 8.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to EN 40 standards
	Luminaire: Philips Luma Gen2 Mini Mounting Type: Post top mounted Manufacturer Ref: BGP703 DW50 BL1 Lumen Output: 8.00 km Colour Temperature: Neutral White (4000k) Luminaire Tilt Inclination: 0° Luminous Intensity: G3 Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio) Supply: To be confirmed by others Internal Wiring: Internal wiring to luminaire shall be 1.5mm² PVC insulated flexible cable Door Orientation: Perpendicular to kerb edge
Qty 11	Lighting Column: Proposed galvanised tubular steel lighting column of 8.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to EN 40 standards
	Luminaire: Philips Clearflood Small Mounting Type: Post top mounted on stirrup bracket Manufacturer Ref: BGP703 DW50 BL1 Lumen Output: 22.00 km Colour Temperature: Neutral White (4000k) Luminaire Tilt Inclination: 5° Luminous Intensity: G2 Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio) Supply: To be confirmed by others Internal Wiring: Internal wiring to luminaire shall be 1.5mm² PVC insulated flexible cable Door Orientation: Facing towards forecourt area
Qty 16	Lighting Column: Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to EN 40 standards
	Luminaire: Philips Luma Gen2 Micro Mounting Type: Post top mounted Manufacturer Ref: BGP702 DW50 BL1 Lumen Output: 5.00 km Colour Temperature: Neutral White (4000k) Luminaire Tilt Inclination: 5° Luminous Intensity: G3 Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio) Supply: To be confirmed by others Internal Wiring: Internal wiring to luminaire shall be 1.5mm² PVC insulated flexible cable Door Orientation: Perpendicular to kerb edge
Qty 4	Lighting Column: Proposed galvanised tubular steel lighting column of 8.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to EN 40 standards
	Luminaire: Philips Luma Gen2 Micro Mounting Type: Post top mounted twin bracket arm Manufacturer Ref: BGP702 DW50 BL1 Lumen Output: 5.00 km Colour Temperature: Neutral White (4000k) Luminaire Tilt Inclination: 0° Luminous Intensity: G3 Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio) Supply: To be confirmed by others Internal Wiring: Internal wiring to luminaire shall be 1.5mm² PVC insulated flexible cable Door Orientation: Perpendicular to kerb edge
Contributory lighting column only. Indicative position only. Make & Model of luminaire may be subject to change.	

RD	INITIAL DESIGN FOR REVIEW AND COMMENT	26/09/2021	SRH
REV	DESCRIPTION	DATE	BY

SHD
OUTDOOR LIGHTING CONSULTANCY

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SCHEME:	PROPOSED COMMERCIAL DEVELOPMENT NEWTOWN, POWYS SY16 4HZ		
DRAWING:	INDICATIVE LIGHTING DRAWING		
CLIENT:	BERRYS		
DRAWING NUMBER:	SHD326-SHD-HLG-NEWT-DR-EO-Design Layout-RD	DRAWN:	SRH
	SHEET 1 OF 1	CHECKED:	SRH
CONTRACT NUMBER:	SHD326	APPROVED:	N.T.S
	DATE: 26/09/2021	REVISION:	R0

PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

