



Qty 1

Lighting Column: Proposed galvanised tubular steel lighting column of 5.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards	
Luminaire:	Philips Luma Micro with factory fitted rear shield / baffle
Mounting Type:	Post top mounted
Manufacturer Ref:	Luma Gen2 Micro BGP702 DM10 800 6LED
Lumen Output:	0.80 km
Luminaire Wattage:	5 w
Colour Temperature:	4000K Neutral White
Luminaire Tilt:	0°
Luminous Intensity:	G3
Control Gear:	Electronic DALI enabled driver
Control Type:	Lucy Zodion ZCELL LED 20 lux (1:1 ratio)
Dimming Profile:	N/A
Supply:	To be confirmed by others
Primary Isolator:	Double pole Isolator with 32A double pole switch and BS88-2 6A HRC fuse to luminaire
Secondary Isolator:	N/A

Street Lighting Key:

Symbol	Description
Qty 8	Lighting Column: Proposed galvanised tubular steel lighting column of 5.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards
	Luminaire: Philips Luma Micro with factory fitted rear shield / baffle
	Mounting Type: Post top mounted
	Manufacturer Ref: Luma Gen2 Micro BGP702 DM10 1200 6 LED 5.2S CLO L90 740
	Lumen Output: 1.20 km
	Luminaire Wattage: 8 w
	Colour Temperature: 4000K Neutral White
	Luminaire Tilt: 0°
	Luminous Intensity: G3
	Control Gear: Electronic DALI enabled driver
	Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio)
	Dimming Profile: N/A
	Supply: To be confirmed by others
	Primary Isolator: Double pole Isolator with 32A double pole switch and BS88-2 6A HRC fuse to luminaire
	Secondary Isolator: N/A

P* Proposed private lighting column identification number

Lighting column to be installed as part of S38 agreement
Arrow shows direction of fold

LIGHTING (ISOLUX CONTOUR KEY:
0.00 Isolux contour line
1.00 Isolux contour line
5.00 Isolux contour line

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

LIGHTING SCHEME DESIGNED IN ACCORDANCE WITH:
BS 5489-1:2020 & BS EN 13031-2:2015

S/P RATIO: N/A
MAINTENANCE FACTOR: 0.76

LIGHTING CLASSIFICATION: P5

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >3.00 LUX <4.50 LUX
MIN. ILLUMINANCE (EMIN): >0.80 LUX
EMIN/EAV (UNIFORMITY): >0.20 (20%)

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT WOKINGHAM BOROUGH COUNCIL (WBC) 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 - x6880 Scheme Layout	14/07/2022	SK
R1	BASE CHANGE - x6860 scheme layout p9	03/09/2024	BR

MMA

LIGHTING CONSULTANCY

Exterior Lighting Design Specialists

99 Old Bath Road, Summer Field House, Reading, RG10 9QN
Phone: 0115 321 5535 Email: info@mma-consultancy.co.uk
www.mma-consultancy.co.uk

Project title
FINCHWOOD PARCEL 9, WOKINGHAM

Drawing title
PRIVATE STREET LIGHTING DESIGN
SHEET 1 OF 1

Prepared by BR Checked by HC

Scale 1:500 @ A1 Date 03/09/2024

Drawing Number MMA17398/001 Revision Details R1

RESIDUAL DESIGN HAZARDS:
LOCATION OF EXISTING UTILITY SERVICES TO BE DETERMINED ON SITE BY THE CONTRACTOR.
INSTALLATION WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT STANDARDS INCLUDING BS 7671, G39/1, HSG47 AND THE INSTITUTION OF LIGHTING PROFESSIONALS GENERAL PUBLICATION G3 (I/LP GP03).

1. Oil pipeline

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 DEVELOPERS RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, MMA LIGHTING CONSULTANCY HAVE NOT SUBMITTED THIS DESIGN FOR TECHNICAL COMMENTS/APPROVAL.

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEERING 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 G56, 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 G56 "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 STAT'S 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 DEVELOPERS RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, THIS DESIGN HAS NOT BEEN SUBMITTED FOR TECHNICAL APPROVAL.