

Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire Tilt	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator	Luminaire Elexon Code	Control Gear Elexon Code
B	1	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	0 degrees	Urbis Schröder Axia 3.2	5267	6.73 (24 no. LEDs)	Neutral white (740)	45W (@590mA)	4.8kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofoo DPI range	42 0045 0000 100	98 0001 0010 100
D	7	Proposed column	6 metres	Mid hinged raise and lower stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	0 degrees	Urbis Schröder Axia 3.1	5296	1.25 (8 no. LEDs)	Neutral white (740)	8W (@300mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofoo DPI range	42 0008 0000 100	98 0001 0010 100
E	14	Proposed column	8 metres	Stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	0 degrees	Urbis Schröder Axia 3.2	5295	6.10 (24 no. LEDs)	Neutral white (740)	38W (@500mA)	4.8kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofoo DPI range	42 0038 0000 100	98 0001 0010 100
F	2	Proposed column	6 metres	Mid hinged raise and lower stepped tubular	Galvanised steel	Sherwood Green (BS12C39)	Planted	Factory Standard	Post top	0 degrees	Urbis Schröder Axia 3.1	5296 (with rear louvres)	0.99 (8 no. LEDs)	Neutral white (740)	8W (@300mA)	3.6kg	0.03m²	Electronic DALI enabled ballast	Mayflower External node	Tofoo DPI range	42 0008 0000 100	98 0001 0010 100

Col Ref	Unit Type ID	Location	Easting	Northing	Final Output % (dimming)	Electricity Supply	Notes
44	B	Road 01	520158.00	133536.63	100%	DNO	
45	E	Road 01	520166.31	133574.22	100%	DNO	
46	D	Road 01	520168.83	133593.69	100%	DNO	
47	E	Road 01	520190.95	133602.11	100%	DNO	
48	D	Road 01	520191.91	133626.41	100%	DNO	
49	E	Road 01	520200.90	133638.78	100%	DNO	
50	E	Road 01	520225.52	133666.70	100%	DNO	
51	D	Road 01	520217.54	133674.36	100%	DNO	
52	E	Road 01	520229.07	133701.22	100%	DNO	
53	D	Road 01	520233.83	133732.94	100%	DNO	
54	E	Road 01	520244.95	133741.67	100%	DNO	
55	E	Road 01	520235.55	133774.98	100%	DNO	
56	E	Road 01	520238.18	133816.51	100%	DNO	
57	E	Road 01	520229.93	133850.27	100%	DNO	
58	D	Road 01	520210.69	133868.54	100%	DNO	
59	E	Road 01	520204.24	133883.04	100%	DNO	
60	F	Road 01	520185.83	133893.70	100%	DNO	To be fitted with retro reflective band
61	E	Road 01	520182.31	133914.79	100%	DNO	
62	F	Road 01	520154.49	133908.84	100%	DNO	To be fitted with retro reflective band
63	E	Road 01	520147.57	133919.90	100%	DNO	
64	E	Road 01	520119.62	133931.91	100%	DNO	
65	D	Road 01	520111.48	133921.29	100%	DNO	
66	E	Road 01	520083.57	133919.89	100%	DNO	
67	D	Road 01	520053.05	133906.99	100%	DNO	



Hazard/Risk Codes	
Refer to risk assessment EVO20039107-HE-001	
Code	Hazard/Risk Description
	No significant hazards

Key

8

Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).

8

Proposed raise and lower street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol. Arrow indicates direction of lowering mechanism).

----- Highway boundary

Lighting Classes (BS5489-1:2020)		
Road 01	P3	All night dimming
Footpath	P5	All night dimming

- Notes
1. Do not scale from drawing if not printed at original paper size.

2. All street lighting equipment and works to be carried out in accordance with current West Sussex County Council specification. All references of standard drawings; refer to West Sussex County Council specification document unless otherwise stated.

3. Any inaccuracies are to be reported to the Overseeing Organisation immediately.

4. Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit www.linsearchbeforeudig.co.uk.

5. During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.

5. Columns are to be designed in accordance with BSEN40 and PD547.

6. Lighting columns to be fed by DNO supply unless otherwise shown.

7. 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.

8. It should be assumed by the contractor that not all services have been identified during the design period. It is the responsibility of the contractor to ensure that all unidentified services are carefully located and reported.

9. Each luminaire to be fitted with a 7 pin NEMA socket.

10. Maintenance numbers as shown on the drawing are to be confirmed by WSCC.

11. Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.

12. Columns are to be factory painted

13. One Mayflower Complete lighting control DALI sub-master unit to be installed to control nodes and link central management system.

14. Prior to the installation of Mayflower nodes & submasters, all luminaires to be fitted with NEMA 35/18 all night photocells.

15. All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.

16. All apparatus shall be sited so as to minimise, in so far as is reasonable and practical, nuisance, danger and obstruction to all residents, businesses and users of the highway.

17. All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.

18. Trees or any other foliage on the site must not interfere with the lighting.

19. This detailed design has been prepared in accordance with the HEA-HEMSA guidance note - CDM2015 regulations, Issue 1.1, dated 09/04/15 Procedure 3; information has been supplied by the client or another Designer or the Principal Designer which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list.

A

ORIGINAL ISSUE

30/07/26

MWG

REV

DESCRIPTION

DATE

BY

DWG STATUS

FOR PLANNING

ENERVEO

ENERVEO - STREET LIGHTING
34 Palmerston Drive, Fareham, Hampshire PO14 1DJ
Email: lightingdesign@enerveo.com Tel: 01133 853129

TITLE
SECTION 38
STREET LIGHTING LAYOUT

PROJECT
MOWBRAY RMA 3

CLIENT
GLANVILLE CONSULTANTS

SHEET NUMBER
1 of 2

SCALE
1:500

DATE
30/07/26

DRAWN
MWG

CHECKED
RHJ

PAPER SIZE
A1

APPROVED
SAB

DRAWING NUMBER
EVO20041213-LD-001

REVISION
A