

DATE: 18 February 2026
DESIGNER: SHD Lighting Consultancy Limited
PROJECT No: SHD2536
PROJECT NAME: Marches Road



It is assumed that the wall lighting luminaires are to be angled at 0° tilt to the horizontal plane and shall be switched using motion sensors, activated only when vehicles or pedestrians are detected.

Isolux contour lines shown represent a 'day one' worst-case scenario with a maintenance factor of 1.00, as this demonstrates the maximum lumen output not taking into consideration any LED degradation, driver deterioration or weather grime and lens dirt which will occur during the lifespan of the lighting installation.

Luminaires use a warm white (3000k) colour temperature LED light source with reduced blue light output and mounted at 0° to the horizontal plane as per recommendations in Guidance Note 08 (Bats and Artificial Lighting in the UK) as published by The Institution of Lighting Professionals and Bat Conservation Trust.

Horizontal illuminance (contours indicate projected lux values at ground level, excluding the screening effect of mobile homes, out buildings, trees, hedges, walls etc.)

Outdoor Lighting Report

PREPARED BY: SHD Lighting Consultancy Ltd
Contact: info@shdlighting.co.uk
Phone: 07834 490 192
Website: www.shdlighting.co.uk

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 12352.2m x 112.5m
Area 102.0m x 102.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	33814K3
Lamp(s)	LED 7,8W
Lamp Flux (klm)	0.79
File Name	BE_33814K3.IES
Maintenance Factor	1.00
Lum. Int. Class	G3
No. in Project	7

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	12411.86	163.22	1.80	220.00	0.00	0.00	0.10			
2	A	12417.06	157.55	1.80	220.00	0.00	0.00	0.10			
3	A	12386.82	148.02	1.80	220.00	0.00	0.00	0.10			
4	A	12380.02	143.32	1.80	37.00	0.00	0.00	0.10			
5	A	12401.21	146.08	1.80	138.00	0.00	0.00	0.10			
6	A	12375.94	137.04	1.80	72.00	0.00	0.00	0.10			
7	A	12384.25	134.41	1.80	73.00	0.00	0.00	0.10			

Horizontal Illuminance (lux)

Grid 1: Whole Area

