

**DATE:** 6 January 2021  
**DESIGNER:** Brian Smith  
**PROJECT No:** ASD-IR-SL-2020-21-029  
**PROJECT NAME:** Triogue Blueway



BS5489\_2020  
Lighting Class P6  
Eav = 2.00 - 3.00 Lux  
Emin = 040 Lux

## Outdoor Lighting Report

**PREPARED BY:** ASD Lighting PLC,  
Mangham Road,  
Barbot Hall Industrial Estate,  
Rotherham,  
S61 4RJ.

## Layout Report

### General Data

Dimensions in Metres Angles in Degrees  
 Grid Origin 647641.1m x 697730.0m  
 Area 300.0m x 220.0m  
 Sample Spacing 1.50m x 1.50m

### Luminaires

#### Luminaire A Data

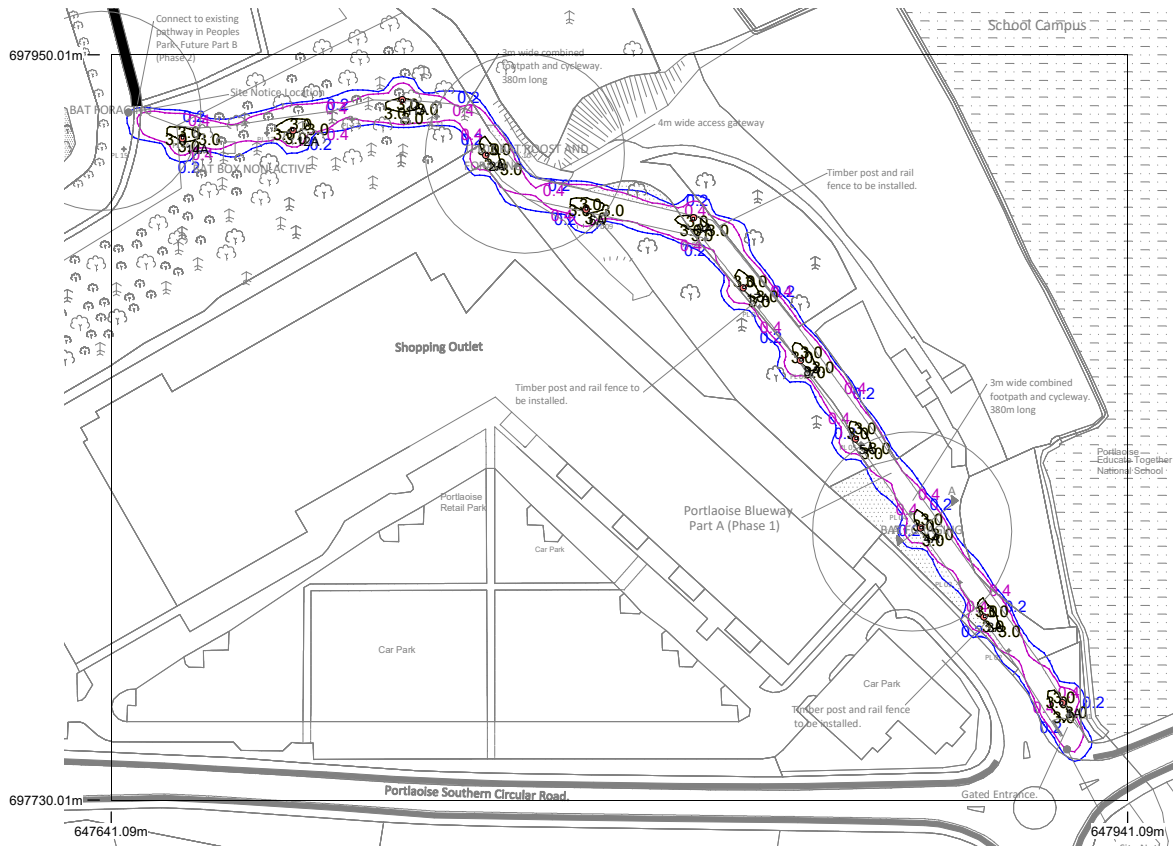
Supplier	
Type	HWD2-#27K04 400-M1-CLO Gen 5
Lamp(s)	LED
LampFlux(klm)/Colour	0.54 2700/72
File Name	HWD2-#27K04 400-M1-CLO (7W).ldt
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	717.5, 259.5, 1.5
No. in Project	12

### Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	647921.83	697758.85	4.00	209.00	0.00	0.00	0.30			
2	A	647751.65	697920.39	4.00	32.00	0.00	0.00	0.30			
3	A	647898.63	697784.17	4.00	32.00	0.00	0.00	0.30			
4	A	647879.87	697810.36	4.00	34.00	0.00	0.00	0.30			
5	A	647860.69	697836.70	4.00	34.00	0.00	0.00	0.30			
6	A	647781.20	697904.27	4.00	81.00	0.00	0.00	0.30			
8	A	647844.44	697859.84	4.00	39.00	0.00	0.00	0.30			
9	A	647812.89	697901.93	4.00	255.00	0.00	0.00	0.30			
11	A	647726.98	697936.80	4.00	269.00	0.00	0.00	0.30			
12	A	647694.71	697927.63	4.00	101.00	0.00	0.00	0.30			
14	A	647662.07	697925.24	4.00	80.00	0.00	0.00	0.30			
17	A	647827.56	697881.26	4.00	39.00	0.00	0.00	0.30			

# Horizontal Illuminance (lux)

Grid 1



## Results

Eav	2.11
Emin	0.40
Emax	10.52
Emin/Emax	0.04
Emin/Eav	0.19