

**DATE:** 17 May 2022  
**DESIGNER:** J Dacre  
**PROJECT No:** 6713  
**PROJECT NAME:** Barnsley Road S38



## Outdoor Lighting Report

**PREPARED BY:** Kirklees Council  
Flint Street  
Fartown  
Huddersfield  
HD16LG

## Layout Report

### General Data

Dimensions in Metres Angles in Degrees  
Grid Origin 422861.8m x 408113.5m  
Area 98.2m x 83.4m  
Sample Spacing 1.49m x 1.49m

### Luminaires

#### Luminaire B Data

Supplier	
Type	IGNIS mini - 20 LEDs, MPH, 4000K, 0203m A, Opt2
Lamp(s)	OSRAM SQUARE CRI70 SPR1.57 4000K N7
LampFlux(klm)/Colour	2.17 4000/70
File Name	LED6 2021-IGNIS mini 20 MPH 4.0_70_203 _2168_2.LDT
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	871.2, 103.7, 0.0
No. in Project	8

### Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	B	422939.19	408132.65	6.00	3.00	5.00	0.00	0.40			
2	B	422947.87	408154.31	6.00	214.00	5.00	0.00	0.40			
3	B	422937.27	408179.07	6.00	205.00	0.00	0.00	0.40			
4	B	422914.88	408171.75	6.00	117.00	0.00	0.00	0.40			
5	B	422913.96	408145.16	6.00	277.00	0.00	0.00	0.40			
6	B	422886.95	408144.77	6.00	54.00	0.00	0.00	0.40			
7	B	422878.89	408176.63	6.00	207.00	0.00	0.00	0.40			
8	B	422869.58	408159.85	6.00	120.00	0.00	0.00	0.40			

# Horizontal Illuminance (lux)

Grid 1



## Results

Eav	4.16
Emin	0.60
E <sub>max</sub>	9.75
E <sub>min</sub> /E <sub>max</sub>	0.06
E <sub>min</sub> /E <sub>av</sub>	0.14

# Horizontal Illuminance (lux)

Grid 1



## Results

Eav	4.16
Emin	0.60
Emax	9.75
Emin/Emax	0.06
Emin/Eav	0.14

