

DATE: 27 September 2021
DESIGNER: Barnsley MBC
PROJECT No: SL20-70
PROJECT NAME: Old Mill Lane



Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	434873.71	407080.75	178.14	335.02	3.56	6.70

Luminaires



Luminaire A Data

Supplier	Urbis Schreder
Type	AXIA 3.2 5295 Integrated lenses 32 OSLO N SQUARE GIANT@800mA
Lamp(s)	32 OSLO N SQUARE GIANT@800mA NW 740 230V
LampFlux(klm)/Colour	10.54 NW 4000K/70
File Name	AXIA 3.2 5295 32 OSLO N SQUARE GIANT 800mA NW 740 78W 441022 Integrated le...
Maintenance Factor	0.85
Imax70,80,90(cd/klm)	753.3, 15.9, 0.0
No. in Project	26

Layout

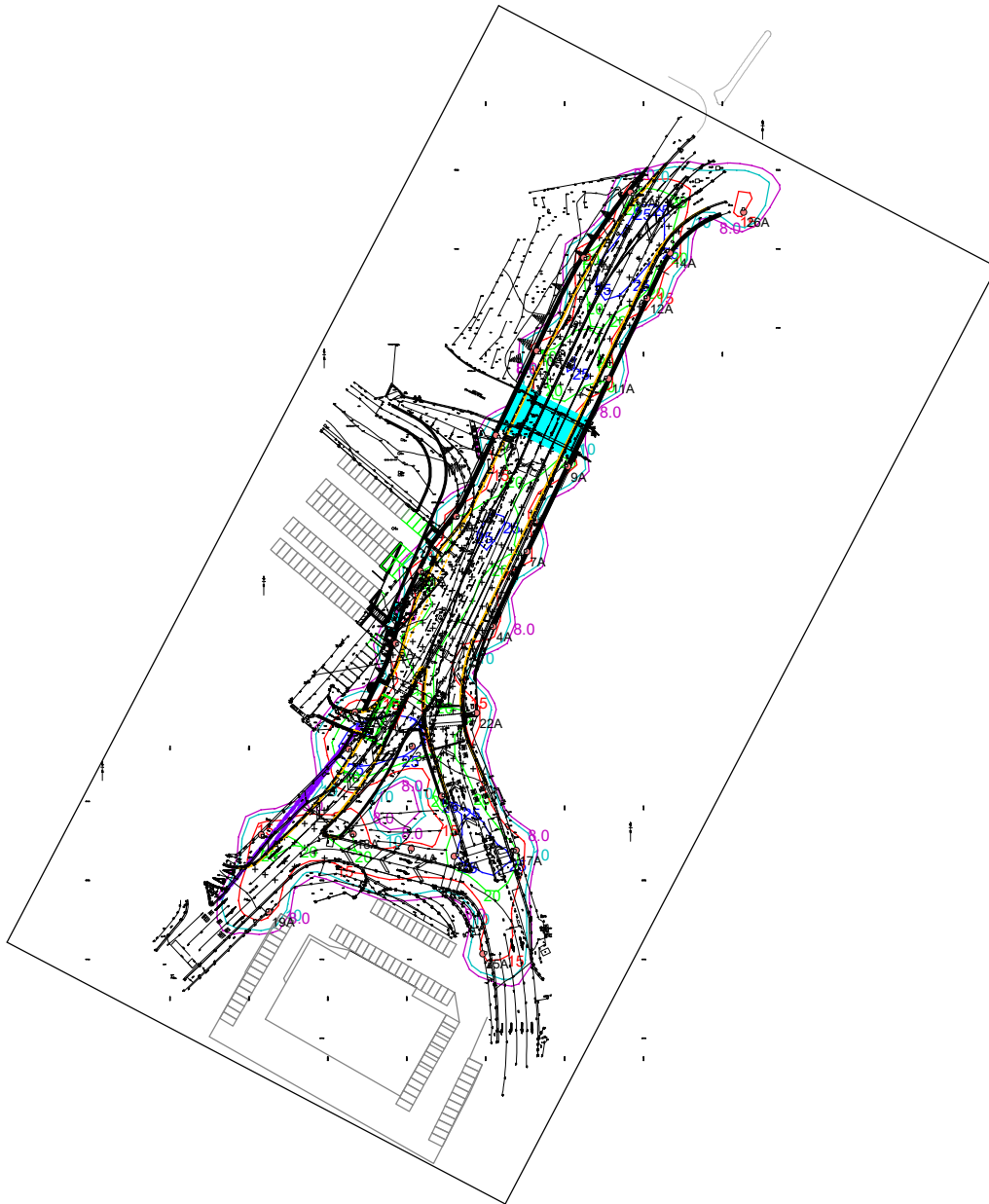
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	434954.25	407114.88	10.00	315.00	5.00	0.00	0.50			
2	A	434981.95	407141.94	10.00	315.00	5.00	0.00	0.50			
3	A	435002.02	407142.89	10.00	146.00	5.00	0.00	0.50			
4	A	435027.70	407180.77	10.00	157.00	5.00	0.00	0.50			
5	A	434996.78	407175.42	10.00	338.00	5.00	0.00	0.50			
6	A	435015.95	407215.63	10.00	327.00	5.00	0.00	0.50			
7	A	435038.39	407204.49	10.00	160.00	5.00	0.00	0.50			
8	A	435028.56	407241.29	10.00	333.00	5.00	0.00	1.00			
9	A	435051.30	407231.47	10.00	154.00	5.00	0.00	0.50			
10	A	435041.45	407268.01	10.00	329.00	5.00	0.00	1.00			
11	A	435064.28	407259.28	10.00	158.00	5.00	0.00	1.00			
12	A	435076.38	407284.75	10.00	152.00	5.00	0.00	0.50			
13	A	435056.38	407297.56	10.00	328.00	5.00	0.00	0.50			
14	A	435083.67	407299.08	10.00	140.00	5.00	0.00	1.00			
15	A	435071.15	407318.27	10.00	315.00	5.00	0.00	1.00			
16	A	435011.34	407127.09	10.00	18.00	5.00	0.00	0.50			
17	A	435034.95	407109.94	10.00	201.00	5.00	0.00	0.50			
18	A	434983.36	407115.04	10.00	239.00	5.00	0.00	0.50			
19	A	434956.56	407090.42	10.00	133.00	5.00	0.00	0.50			
20	A	434983.88	407153.70	10.00	275.00	5.00	0.00	0.50			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
21	A	435004.65	407198.25	10.00	333.00	5.00	0.00	0.50			
22	A	435022.42	407153.44	10.00	188.00	5.00	0.00	1.00			
23	A	435015.31	407108.06	10.00	19.00	5.00	0.00	1.00			
24	A	435001.71	407110.38	10.00	257.00	5.00	0.00	1.00			
25	A	435024.33	407077.18	10.00	15.00	5.00	0.00	1.00			
26	A	435107.00	407312.00	10.00	98.00	5.00	0.00	1.00			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	20.12
Emin	8.13
E _{max}	33.69
Emin/E _{max}	0.24
Emin/Eav	0.40