

DATE: 16 July 2023
DESIGNER: SHD Lighting Consultancy Ltd
PROJECT No: SHD1012
PROJECT NAME: Bleachcroft Way



All lighting column positions and luminaire angles extracted from 'SL20-78 Bleachcroft Way rev 2' as provided by Barnsley Metropolitan Borough Council 13/07/2023

House plot wall lights mounted 2000mm from ground level adjacent to each house plot front door.

Wall lights each contain 2 x GU10 narrow beam 25° warm white (2700k) LED lamps aimed in an up/down configuration.

The maintenance factor used is 1.0 as per recommendation in Lighting Guide 4 as published by The Institution of Lighting Professionals.

A maintenance factor of 1.0 does not take into consideration LED deterioration or lens grime, so represents a day-one worst-case scenario of light spill and lumen output.

Outdoor Lighting Report

SHD Lighting Consultancy Ltd accept no responsibility for any underlit or overlit sections of the development.

Lighting design parameters and column positions extracted from 'SL20-78 Bleachcroft Way rev 2' provided by Barnsley Metropolitan Borough Council 13/07/2023

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 437049.4m x 404807.8m
Area 342.5m x 401.5m
Sample Spacing 1.50m x 1.61m

Luminaire



Luminaire A Data

Supplier	Urbis Schreder
Type	AXIA 3.1 5267 Integrated lenses 16 OSLO N SQUARE GIANT@700mA
Lamp(s)	16 OSLO SQUARE GIANT@700mA WW 730 230V
LampFlux(klm)/Colour	4.34 WW 3000K/70
File Name	AXIA 3.1 5267 16 OSLO SQUARE GIAN T 700mA WW 730 35.6W 429102 Integrat...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	985.2, 145.1, 0.0
No. in Project	43

Luminaire B Data

Supplier	Tamlite
Type	CITY BEAM
Lamp(s)	LED
Lamp Flux (klm)	4.00
File Name	CBU400SNWG.idt
Maintenance Factor	1.00
Lum. Int. Class	G3
No. in Project	237

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
1	B	437140.93	404955.93	2.00	261.00	0.00	0.00	0.20			
2	A	437219.98	405128.39	6.00	138.00	5.00	0.00	0.50			
3	A	437192.27	405110.20	6.00	350.00	5.00	0.00	0.50			
4	A	437185.19	405074.23	6.00	351.00	5.00	0.00	0.50			
5	A	437207.21	405055.57	6.00	199.00	5.00	0.00	0.50			
6	A	437141.41	405069.73	6.00	259.00	5.00	0.00	0.50			
7	A	437175.49	405054.92	6.00	88.00	5.00	0.00	0.50			
8	A	437080.52	405033.34	6.00	21.00	5.00	0.00	0.50			
9	A	437116.51	405074.40	6.00	257.00	5.00	0.00	0.50			
10	A	437086.38	405061.35	6.00	133.00	5.00	0.00	0.50			
11	A	437155.00	404891.59	6.00	256.00	5.00	0.00	0.50			
12	A	437139.13	405009.03	6.00	172.00	5.00	0.00	0.50			
13	A	437245.68	404972.06	6.00	81.00	5.00	0.00	0.50			
14	A	437205.59	405024.82	6.00	172.00	5.00	0.00	0.50			
15	A	437188.75	404986.33	6.00	345.00	5.00	0.00	0.50			
16	A	437210.94	404979.57	6.00	98.00	5.00	0.00	0.50			
17	A	437181.66	404947.49	6.00	348.00	5.00	0.00	0.50			
18	A	437212.05	404941.10	6.00	259.00	5.00	0.00	0.50			
19	A	437216.20	404863.40	6.00	162.00	5.00	0.00	0.50			
20	A	437305.17	404969.01	6.00	126.00	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	437176.77	404921.24	6.00	346.00	5.00	0.00	0.50			
22	A	437169.55	404891.36	6.00	306.00	5.00	0.00	0.50			
23	A	437162.58	404850.02	6.00	350.00	5.00	0.00	0.50			
24	A	437166.02	404823.46	6.00	81.00	5.00	0.00	0.50			
25	A	437199.84	404883.35	6.00	257.00	5.00	0.00	0.50			
26	A	437315.62	405078.92	6.00	342.00	5.00	0.00	0.50			
27	A	437246.84	405004.92	6.00	349.00	5.00	0.00	0.50			
28	A	437261.61	405066.47	6.00	0.00	10.00	0.00	0.50			
29	A	437265.29	405099.25	6.00	351.00	5.00	0.00	0.50			
30	A	437323.55	405030.99	6.00	175.00	5.00	0.00	0.50			
31	A	437330.44	405108.91	6.00	166.00	5.00	0.00	0.50			
32	A	437320.92	405140.19	6.00	219.00	5.00	0.00	0.50			
33	A	437339.07	405054.27	6.00	264.00	5.00	0.00	0.50			
34	A	437376.21	405043.32	6.00	177.00	5.00	0.00	0.50			
35	A	437113.22	405002.30	6.00	77.00	5.00	0.00	0.50			
36	B	437124.16	404845.74	2.00	261.00	0.00	0.00	0.20			
37	B	437129.92	404844.63	2.00	261.00	0.00	0.00	0.20			
38	A	437282.16	404966.09	6.00	81.00	5.00	0.00	0.50			
39	A	437307.58	404993.86	6.00	346.00	5.00	0.00	0.50			
40	A	437255.81	405042.98	6.00	336.00	5.00	0.00	0.50			
41	A	437275.37	405111.30	6.00	171.00	5.00	0.00	0.50			
42	A	437275.01	405130.96	6.00	257.00	5.00	0.00	0.50			
43	A	437174.99	404864.80	6.00	165.00	5.00	0.00	0.50			
44	A	437100.36	404999.23	6.00	195.00	5.00	0.00	0.50			
45	A	437228.50	404890.37	6.00	169.00	5.00	0.00	0.50			
46	A	437138.92	404828.50	6.00	81.00	5.00	0.00	0.50			
47	B	437220.99	405123.10	2.00	81.00	0.00	0.00	0.20			
48	B	437231.89	405122.23	2.00	81.00	0.00	0.00	0.20			
49	B	437236.43	405122.10	2.00	81.00	0.00	0.00	0.20			
50	B	437245.12	405120.54	2.00	81.00	0.00	0.00	0.20			
51	B	437252.76	405119.47	2.00	81.00	0.00	0.00	0.20			
52	B	437261.68	405115.73	2.00	81.00	0.00	0.00	0.20			
53	B	437281.23	405113.68	2.00	81.00	0.00	0.00	0.20			
54	B	437292.12	405112.00	2.00	81.00	0.00	0.00	0.20			
55	B	437299.24	405110.36	2.00	81.00	0.00	0.00	0.20			
56	B	437308.02	405108.66	2.00	81.00	0.00	0.00	0.20			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
57	B	437314.14	405107.50	2.00	81.00	0.00	0.00	0.20			
58	B	437340.61	405176.60	2.00	169.00	0.00	0.00	0.20			
59	B	437339.32	405169.38	2.00	169.00	0.00	0.00	0.20			
60	B	437336.96	405163.78	2.00	169.00	0.00	0.00	0.20			
61	B	437334.25	405155.47	2.00	169.00	0.00	0.00	0.20			
62	B	437333.20	405149.80	2.00	169.00	0.00	0.00	0.20			
63	B	437337.11	405142.24	2.00	169.00	0.00	0.00	0.20			
64	B	437339.45	405130.68	2.00	169.00	0.00	0.00	0.20			
65	B	437359.87	405127.37	2.00	261.00	0.00	0.00	0.20			
66	B	437370.75	405125.05	2.00	261.00	0.00	0.00	0.20			
67	B	437381.56	405123.14	2.00	261.00	0.00	0.00	0.20			
68	B	437363.84	405107.55	2.00	80.00	0.00	0.00	0.20			
69	B	437376.82	405106.39	2.00	80.00	0.00	0.00	0.20			
70	B	437339.98	405113.64	2.00	169.00	0.00	0.00	0.20			
71	B	437337.61	405104.96	2.00	169.00	0.00	0.00	0.20			
72	B	437334.06	405094.44	2.00	169.00	0.00	0.00	0.20			
73	B	437332.19	405085.76	2.00	169.00	0.00	0.00	0.20			
74	B	437331.19	405080.18	2.00	169.00	0.00	0.00	0.20			
75	B	437331.29	405072.44	2.00	169.00	0.00	0.00	0.20			
76	B	437326.16	405068.86	2.00	169.00	0.00	0.00	0.20			
77	B	437330.22	405058.96	2.00	259.00	0.00	0.00	0.20			
78	B	437368.22	405057.99	2.00	351.00	0.00	0.00	0.20			
79	B	437369.87	405073.60	2.00	351.00	0.00	0.00	0.20			
80	B	437370.74	405081.38	2.00	351.00	0.00	0.00	0.20			
81	B	437333.58	405044.32	2.00	80.00	0.00	0.00	0.20			
82	B	437339.75	405039.69	2.00	80.00	0.00	0.00	0.20			
83	B	437347.48	405038.19	2.00	80.00	0.00	0.00	0.20			
84	B	437354.40	405036.31	2.00	80.00	0.00	0.00	0.20			
85	B	437329.30	404997.69	2.00	261.00	0.00	0.00	0.20			
86	B	437340.41	404998.94	2.00	261.00	0.00	0.00	0.20			
87	B	437355.18	405000.04	2.00	348.00	0.00	0.00	0.20			
88	B	437321.33	404982.92	2.00	165.00	0.00	0.00	0.20			
89	B	437320.49	404977.51	2.00	171.00	0.00	0.00	0.20			
90	B	437342.14	404978.15	2.00	79.00	0.00	0.00	0.20			
91	B	437318.20	404972.04	2.00	169.00	0.00	0.00	0.20			
92	B	437301.27	404954.78	2.00	169.00	0.00	0.00	0.20			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
93	B	437309.42	404949.00	2.00	259.00	0.00	0.00	0.20			
94	B	437314.97	404947.92	2.00	259.00	0.00	0.00	0.20			
95	B	437324.20	404946.42	2.00	259.00	0.00	0.00	0.20			
96	B	437334.06	404950.52	2.00	348.00	0.00	0.00	0.20			
97	B	437349.98	404972.49	2.00	350.00	0.00	0.00	0.20			
98	B	437301.45	404985.84	2.00	349.00	0.00	0.00	0.20			
99	B	437288.17	404981.13	2.00	259.00	0.00	0.00	0.20			
100	B	437282.49	404981.94	2.00	259.00	0.00	0.00	0.20			
101	B	437301.69	405004.48	2.00	350.00	0.00	0.00	0.20			
102	B	437303.24	405013.97	2.00	350.00	0.00	0.00	0.20			
103	B	437321.21	405003.45	2.00	170.00	0.00	0.00	0.20			
104	B	437306.69	405024.01	2.00	350.00	0.00	0.00	0.20			
105	B	437306.29	405031.94	2.00	350.00	0.00	0.00	0.20			
106	B	437307.70	405039.58	2.00	350.00	0.00	0.00	0.20			
107	B	437313.25	405082.66	2.00	350.00	0.00	0.00	0.20			
108	B	437312.16	405077.27	2.00	350.00	0.00	0.00	0.20			
109	B	437310.47	405067.89	2.00	350.00	0.00	0.00	0.20			
110	B	437309.02	405060.09	2.00	350.00	0.00	0.00	0.20			
111	B	437306.37	405051.04	2.00	350.00	0.00	0.00	0.20			
112	B	437305.28	405045.61	2.00	350.00	0.00	0.00	0.20			
113	B	437140.61	404845.18	2.00	261.00	0.00	0.00	0.20			
114	B	437153.57	404838.39	2.00	260.00	0.00	0.00	0.20			
115	B	437120.88	404827.13	2.00	81.00	0.00	0.00	0.20			
116	B	437131.28	404824.40	2.00	81.00	0.00	0.00	0.20			
117	B	437142.87	404823.28	2.00	81.00	0.00	0.00	0.20			
118	B	437156.47	404818.42	2.00	81.00	0.00	0.00	0.20			
119	B	437166.97	404816.50	2.00	81.00	0.00	0.00	0.20			
120	B	437178.22	404816.09	2.00	81.00	0.00	0.00	0.20			
121	B	437177.79	404836.04	2.00	260.00	0.00	0.00	0.20			
122	B	437190.18	404835.75	2.00	260.00	0.00	0.00	0.20			
123	B	437204.69	404838.44	2.00	349.00	0.00	0.00	0.20			
124	B	437220.61	404857.87	2.00	260.00	0.00	0.00	0.20			
125	B	437237.94	404858.27	2.00	348.00	0.00	0.00	0.20			
126	B	437203.30	404872.52	2.00	80.00	0.00	0.00	0.20			
127	B	437197.65	404873.55	2.00	80.00	0.00	0.00	0.20			
128	B	437188.42	404875.15	2.00	80.00	0.00	0.00	0.20			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
129	B	437178.41	404871.10	2.00	169.00	0.00	0.00	0.20			
130	B	437165.64	404875.33	2.00	349.00	0.00	0.00	0.20			
131	B	437157.70	404881.05	2.00	80.00	0.00	0.00	0.20			
132	B	437148.61	404883.86	2.00	80.00	0.00	0.00	0.20			
133	B	437143.13	404884.93	2.00	80.00	0.00	0.00	0.20			
134	B	437129.63	404882.66	2.00	80.00	0.00	0.00	0.20			
135	B	437130.63	404903.89	2.00	259.00	0.00	0.00	0.20			
136	B	437141.42	404902.09	2.00	259.00	0.00	0.00	0.20			
137	B	437147.92	404900.05	2.00	259.00	0.00	0.00	0.20			
138	B	437153.63	404899.01	2.00	259.00	0.00	0.00	0.20			
139	B	437160.07	404894.40	2.00	259.00	0.00	0.00	0.20			
140	B	437169.83	404898.57	2.00	348.00	0.00	0.00	0.20			
141	B	437183.40	404896.00	2.00	170.00	0.00	0.00	0.20			
142	B	437191.15	404888.55	2.00	259.00	0.00	0.00	0.20			
143	B	437199.01	404891.48	2.00	259.00	0.00	0.00	0.20			
144	B	437206.05	404890.14	2.00	259.00	0.00	0.00	0.20			
145	B	437210.66	404888.61	2.00	259.00	0.00	0.00	0.20			
146	B	437216.16	404887.60	2.00	259.00	0.00	0.00	0.20			
147	B	437232.90	404882.45	2.00	167.00	0.00	0.00	0.20			
148	B	437234.33	404890.40	2.00	170.00	0.00	0.00	0.20			
149	B	437275.70	405091.48	2.00	170.00	0.00	0.00	0.20			
150	B	437274.14	405083.40	2.00	170.00	0.00	0.00	0.20			
151	B	437272.74	405075.71	2.00	170.00	0.00	0.00	0.20			
152	B	437270.99	405066.33	2.00	170.00	0.00	0.00	0.20			
153	B	437271.02	405057.44	2.00	170.00	0.00	0.00	0.20			
154	B	437269.59	405050.10	2.00	170.00	0.00	0.00	0.20			
155	B	437268.00	405041.30	2.00	170.00	0.00	0.00	0.20			
156	B	437266.64	405034.03	2.00	170.00	0.00	0.00	0.20			
157	B	437265.63	405023.00	2.00	170.00	0.00	0.00	0.20			
158	B	437263.26	405015.79	2.00	170.00	0.00	0.00	0.20			
159	B	437262.26	405010.05	2.00	170.00	0.00	0.00	0.20			
160	B	437258.59	404989.17	2.00	261.00	0.00	0.00	0.20			
161	B	437267.06	404986.03	2.00	260.00	0.00	0.00	0.20			
162	B	437275.47	404983.23	2.00	260.00	0.00	0.00	0.20			
163	B	437203.08	405000.15	2.00	170.00	0.00	0.00	0.20			
164	B	437213.86	404994.63	2.00	259.00	0.00	0.00	0.20			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
165	B	437219.48	404993.62	2.00	260.00	0.00	0.00	0.20			
166	B	437228.34	404993.04	2.00	260.00	0.00	0.00	0.20			
167	B	437236.84	404991.38	2.00	260.00	0.00	0.00	0.20			
168	B	437171.75	404939.28	2.00	80.00	0.00	0.00	0.20			
169	B	437195.02	404934.44	2.00	80.00	0.00	0.00	0.20			
170	B	437204.79	404928.20	2.00	80.00	0.00	0.00	0.20			
171	B	437218.05	404925.34	2.00	80.00	0.00	0.00	0.20			
172	B	437142.05	404941.21	2.00	80.00	0.00	0.00	0.20			
173	B	437149.48	404939.08	2.00	80.00	0.00	0.00	0.20			
174	B	437154.80	404938.07	2.00	80.00	0.00	0.00	0.20			
175	B	437160.52	404936.73	2.00	80.00	0.00	0.00	0.20			
176	B	437136.87	404965.78	2.00	171.00	0.00	0.00	0.20			
177	B	437138.41	404972.79	2.00	171.00	0.00	0.00	0.20			
178	B	437140.59	404981.81	2.00	171.00	0.00	0.00	0.20			
179	B	437141.91	404987.44	2.00	171.00	0.00	0.00	0.20			
180	B	437142.98	404993.10	2.00	171.00	0.00	0.00	0.20			
181	B	437092.78	404973.70	2.00	15.00	0.00	0.00	0.20			
182	B	437090.93	404984.45	2.00	15.00	0.00	0.00	0.20			
183	B	437085.92	404994.64	2.00	15.00	0.00	0.00	0.20			
184	B	437080.94	405003.10	2.00	15.00	0.00	0.00	0.20			
185	B	437078.76	405015.04	2.00	15.00	0.00	0.00	0.20			
186	B	437077.51	405019.18	2.00	15.00	0.00	0.00	0.20			
187	B	437074.36	405029.55	2.00	15.00	0.00	0.00	0.20			
188	B	437073.60	405032.14	2.00	15.00	0.00	0.00	0.20			
189	B	437067.27	405053.08	2.00	359.00	0.00	0.00	0.20			
190	B	437069.84	405043.01	2.00	15.00	0.00	0.00	0.20			
191	B	437071.82	405037.83	2.00	15.00	0.00	0.00	0.20			
192	B	437095.15	405022.41	2.00	257.00	0.00	0.00	0.20			
193	B	437100.89	405021.37	2.00	257.00	0.00	0.00	0.20			
194	B	437110.80	405019.46	2.00	257.00	0.00	0.00	0.20			
195	B	437105.08	405020.58	2.00	257.00	0.00	0.00	0.20			
196	B	437119.56	405018.52	2.00	257.00	0.00	0.00	0.20			
197	B	437127.24	405017.53	2.00	257.00	0.00	0.00	0.20			
198	B	437239.98	404928.06	2.00	79.00	0.00	0.00	0.20			
199	B	437258.56	404917.83	2.00	79.00	0.00	0.00	0.20			
200	B	437272.85	404916.43	2.00	79.00	0.00	0.00	0.20			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
201	B	437234.64	404917.26	2.00	172.00	0.00	0.00	0.20			
202	B	437233.64	404911.58	2.00	172.00	0.00	0.00	0.20			
203	B	437284.22	404911.71	2.00	353.00	0.00	0.00	0.20			
204	B	437234.99	404905.56	2.00	172.00	0.00	0.00	0.20			
205	B	437234.03	404899.94	2.00	172.00	0.00	0.00	0.20			
206	B	437176.62	404958.92	2.00	348.00	0.00	0.00	0.20			
207	B	437177.46	404964.71	2.00	348.00	0.00	0.00	0.20			
208	B	437178.40	404969.91	2.00	348.00	0.00	0.00	0.20			
209	B	437180.81	404978.45	2.00	348.00	0.00	0.00	0.20			
210	B	437180.95	404990.31	2.00	348.00	0.00	0.00	0.20			
211	B	437184.46	404999.24	2.00	348.00	0.00	0.00	0.20			
212	B	437185.45	405005.02	2.00	348.00	0.00	0.00	0.20			
213	B	437241.33	405011.76	2.00	348.00	0.00	0.00	0.20			
214	B	437242.75	405018.99	2.00	348.00	0.00	0.00	0.20			
215	B	437247.38	405025.54	2.00	348.00	0.00	0.00	0.20			
216	B	437248.44	405031.21	2.00	348.00	0.00	0.00	0.20			
217	B	437250.22	405040.61	2.00	348.00	0.00	0.00	0.20			
218	B	437251.32	405046.28	2.00	348.00	0.00	0.00	0.20			
219	B	437253.11	405055.92	2.00	348.00	0.00	0.00	0.20			
220	B	437254.14	405061.56	2.00	348.00	0.00	0.00	0.20			
221	B	437253.58	405069.17	2.00	348.00	0.00	0.00	0.20			
222	B	437254.58	405074.81	2.00	348.00	0.00	0.00	0.20			
223	B	437254.99	405083.51	2.00	348.00	0.00	0.00	0.20			
224	B	437257.62	405094.69	2.00	348.00	0.00	0.00	0.20			
225	B	437256.64	405089.02	2.00	348.00	0.00	0.00	0.20			
226	B	437187.61	405012.33	2.00	348.00	0.00	0.00	0.20			
227	B	437188.68	405026.02	2.00	348.00	0.00	0.00	0.20			
228	B	437188.64	405017.97	2.00	348.00	0.00	0.00	0.20			
229	B	437189.49	405036.81	2.00	348.00	0.00	0.00	0.20			
230	B	437189.00	405052.30	2.00	79.00	0.00	0.00	0.20			
231	B	437211.85	405044.82	2.00	169.00	0.00	0.00	0.20			
232	B	437210.34	405037.30	2.00	171.00	0.00	0.00	0.20			
233	B	437208.66	405028.27	2.00	171.00	0.00	0.00	0.20			
234	B	437207.35	405021.28	2.00	171.00	0.00	0.00	0.20			
235	B	437212.67	405054.59	2.00	171.00	0.00	0.00	0.20			
236	B	437213.61	405059.69	2.00	171.00	0.00	0.00	0.20			

Layout Continued

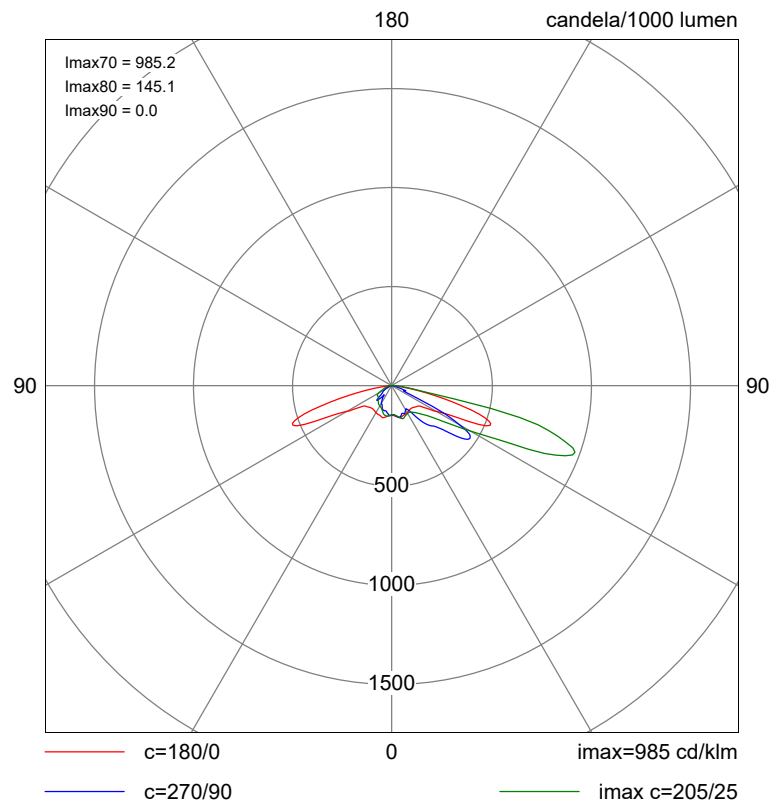
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
237	B	437213.81	405070.52	2.00	171.00	0.00	0.00	0.20			
238	B	437205.39	405091.73	2.00	171.00	0.00	0.00	0.20			
239	B	437206.45	405099.17	2.00	171.00	0.00	0.00	0.20			
240	B	437207.44	405104.81	2.00	171.00	0.00	0.00	0.20			
241	B	437068.98	405063.86	2.00	349.00	0.00	0.00	0.20			
242	B	437070.53	405069.67	2.00	314.00	0.00	0.00	0.20			
243	B	437076.74	405078.57	2.00	315.00	0.00	0.00	0.20			
244	B	437093.74	405060.42	2.00	78.00	0.00	0.00	0.20			
245	B	437104.63	405060.13	2.00	80.00	0.00	0.00	0.20			
246	B	437110.15	405059.45	2.00	80.00	0.00	0.00	0.20			
247	B	437117.84	405058.01	2.00	80.00	0.00	0.00	0.20			
248	B	437123.27	405056.61	2.00	80.00	0.00	0.00	0.20			
249	B	437131.98	405055.37	2.00	80.00	0.00	0.00	0.20			
250	B	437139.68	405053.90	2.00	80.00	0.00	0.00	0.20			
251	B	437148.86	405052.00	2.00	80.00	0.00	0.00	0.20			
252	B	437154.53	405050.97	2.00	80.00	0.00	0.00	0.20			
253	B	437161.95	405049.24	2.00	80.00	0.00	0.00	0.20			
254	B	437167.54	405048.38	2.00	80.00	0.00	0.00	0.20			
255	B	437182.26	405092.44	2.00	319.00	0.00	0.00	0.20			
256	B	437184.09	405102.97	2.00	44.00	0.00	0.00	0.20			
257	B	437167.49	405112.14	2.00	226.00	0.00	0.00	0.20			
258	B	437159.81	405119.99	2.00	226.00	0.00	0.00	0.20			
259	B	437173.30	405081.81	2.00	322.00	0.00	0.00	0.20			
260	B	437165.32	405073.06	2.00	316.00	0.00	0.00	0.20			
261	B	437155.47	405096.67	2.00	50.00	0.00	0.00	0.20			
262	B	437147.10	405103.50	2.00	43.00	0.00	0.00	0.20			
263	B	437087.05	405085.48	2.00	319.00	0.00	0.00	0.20			
264	B	437116.54	405082.30	2.00	226.00	0.00	0.00	0.20			
265	B	437107.92	405088.69	2.00	226.00	0.00	0.00	0.20			
266	B	437103.79	405092.62	2.00	226.00	0.00	0.00	0.20			
267	B	437100.53	405097.25	2.00	226.00	0.00	0.00	0.20			
268	B	437096.28	405101.16	2.00	226.00	0.00	0.00	0.20			
269	B	437086.74	405110.49	2.00	226.00	0.00	0.00	0.20			
270	B	437092.69	405105.01	2.00	226.00	0.00	0.00	0.20			
271	B	437225.74	405084.69	2.00	261.00	0.00	0.00	0.20			
272	B	437233.57	405083.24	2.00	259.00	0.00	0.00	0.20			

Layout Continued

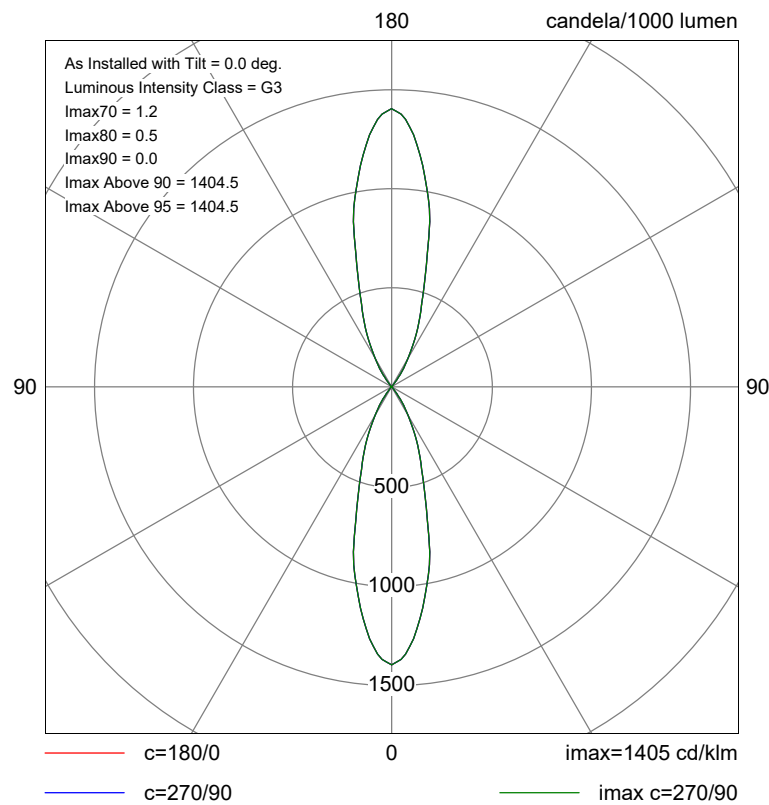
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
273	B	437362.60	405030.71	2.00	349.00	0.00	0.00	0.20			
274	B	437170.86	404951.09	2.00	262.00	0.00	0.00	0.20			
275	B	437145.86	405003.63	2.00	171.00	0.00	0.00	0.20			
276	B	437146.41	405009.26	2.00	171.00	0.00	0.00	0.20			
277	B	437147.91	405017.02	2.00	171.00	0.00	0.00	0.20			
278	B	437150.71	405024.70	2.00	171.00	0.00	0.00	0.20			
279	B	437134.97	405074.58	2.00	228.00	0.00	0.00	0.20			
280	B	437145.08	405079.51	2.00	316.00	0.00	0.00	0.20			

Polar Diagrams

Luminaire A AXIA 3.1 5267 Integrated lenses 16 OSLON SQUARE GIANT@700mA



Luminaire B CITY BEAM



Horizontal Illuminance (lux)

Grid 1: Whole Area



Horizontal Illuminance (lux)

Grid 1: Whole Area



Horizontal Illuminance (lux)

Grid 1: Whole Area

