

DATE: 25 March 2022
DESIGNER: Thomas McCormack / Ross Traynor
PROJECT No: 21010
PROJECT NAME: Whitehaven



Designed in accordance with BS5489-1-2020 Class P4 and Fingal
County Council Specification for Public Lighting (5/2013)

Public Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -717.7m x -36.7m
Area 172.4m x 145.8m
Sample Spacing 1.50m x 1.49m

Luminaires



Luminaire A Data

Supplier	C U Phosco
Type	P852-12-R3B-WW-CA0200-9W
Lamp(s)	730C WW
Lamp Flux (klm)	1.04
File Name	P852-12-R3B-WW-CA0200-9W.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	876.7, 56.5, 1.7
No. in Project	25



Luminaire B Data

Supplier	C U Phosco
Type	P852-12-P4-NW-CB0600-23W
Lamp(s)	740C NW
Lamp Flux (klm)	2.93
File Name	P852-12-P4-NW-CB0600-23W.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	760.6, 161.3, 0.8
No. in Project	5

Layout

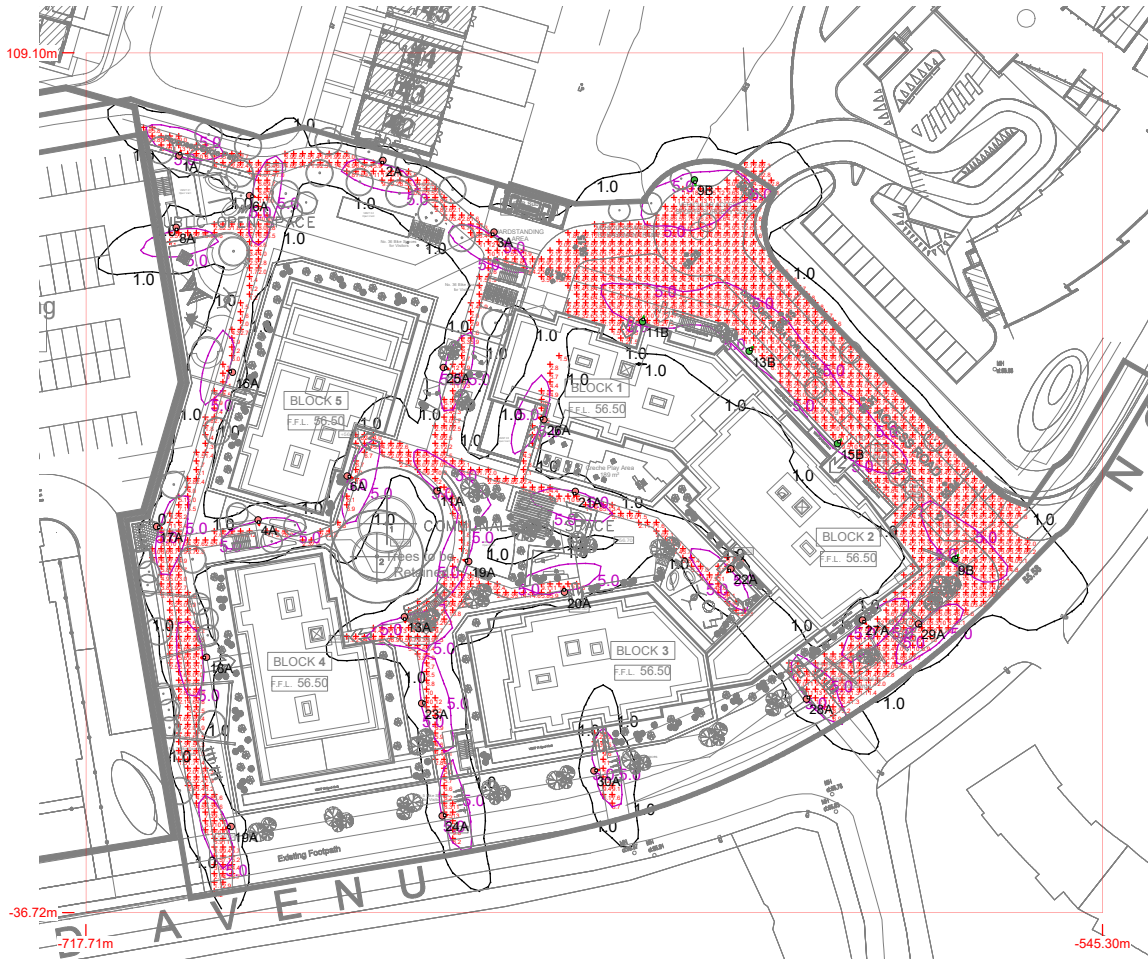
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	-701.90	91.60	5.00	72.00	0.00	0.00	0.40			
2	A	-667.34	90.88	5.00	254.00	5.00	0.00	0.40			
3	A	-648.53	78.69	5.00	243.00	5.00	0.00	0.40			
4	A	-688.51	29.92	5.00	282.00	0.00	0.00	0.40			
6	A	-689.96	84.89	5.00	348.00	5.00	0.00	0.40			
6	A	-673.43	37.35	5.00	342.00	0.00	0.00	0.40			
8	A	-702.43	79.51	5.00	279.00	5.00	0.00	0.40			
9	B	-614.55	87.57	6.00	283.00	5.00	0.00	0.40			
9	B	-570.38	23.27	8.00	52.00	5.00	0.00	0.40			
11	B	-623.35	63.52	8.00	76.00	5.00	0.00	0.40			
11	A	-658.15	34.79	5.00	51.00	0.00	0.00	0.40			
13	B	-605.26	58.54	8.00	48.00	5.00	0.00	0.40			
13	A	-663.70	13.49	5.00	279.00	0.00	0.00	0.40			
15	B	-590.27	42.83	8.00	50.00	5.00	0.00	0.40			
16	A	-692.85	54.94	5.00	163.00	5.00	0.00	0.40			
17	A	-705.73	28.79	5.00	345.00	5.00	0.00	0.40			
18	A	-697.24	6.64	5.00	187.00	5.00	0.00	0.40			
19	A	-693.08	-22.05	5.00	198.00	5.00	0.00	0.40			
19	A	-652.83	22.85	5.00	163.00	0.00	0.00	0.40			
20	A	-636.56	17.66	5.00	101.00	0.00	0.00	0.40			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
21	A	-634.73	34.74	5.00	256.00	0.00	0.00	0.40			
22	A	-608.34	21.63	5.00	223.00	0.00	0.00	0.40			
23	A	-660.81	-1.19	5.00	11.00	0.00	0.00	0.40			
24	A	-657.29	-20.26	5.00	13.00	0.00	0.00	0.40			
25	A	-657.11	55.76	5.00	343.00	0.00	0.00	0.40			
26	A	-640.05	46.90	5.00	159.00	0.00	0.00	0.40			
27	A	-586.05	12.93	5.00	314.00	0.00	0.00	0.40			
28	A	-595.55	-0.45	5.00	37.00	0.00	0.00	0.40			
29	A	-576.56	12.30	5.00	311.00	0.00	0.00	0.40			
30	A	-631.61	-12.64	5.00	10.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.08
Emin	1.08
Emax	17.85
Emin/Emax	0.06
Emin/Eav	0.21