

DATE: 4 October 2022
DESIGNER: TL
PROJECT No: 23950
PROJECT NAME: Station Works, Manchester



23950-A-01
Lighting Class - P5

Outdoor Lighting Report

PREPARED BY: Harttron Ltd
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -88.5m x -80.7m
Area 141.0m x 126.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

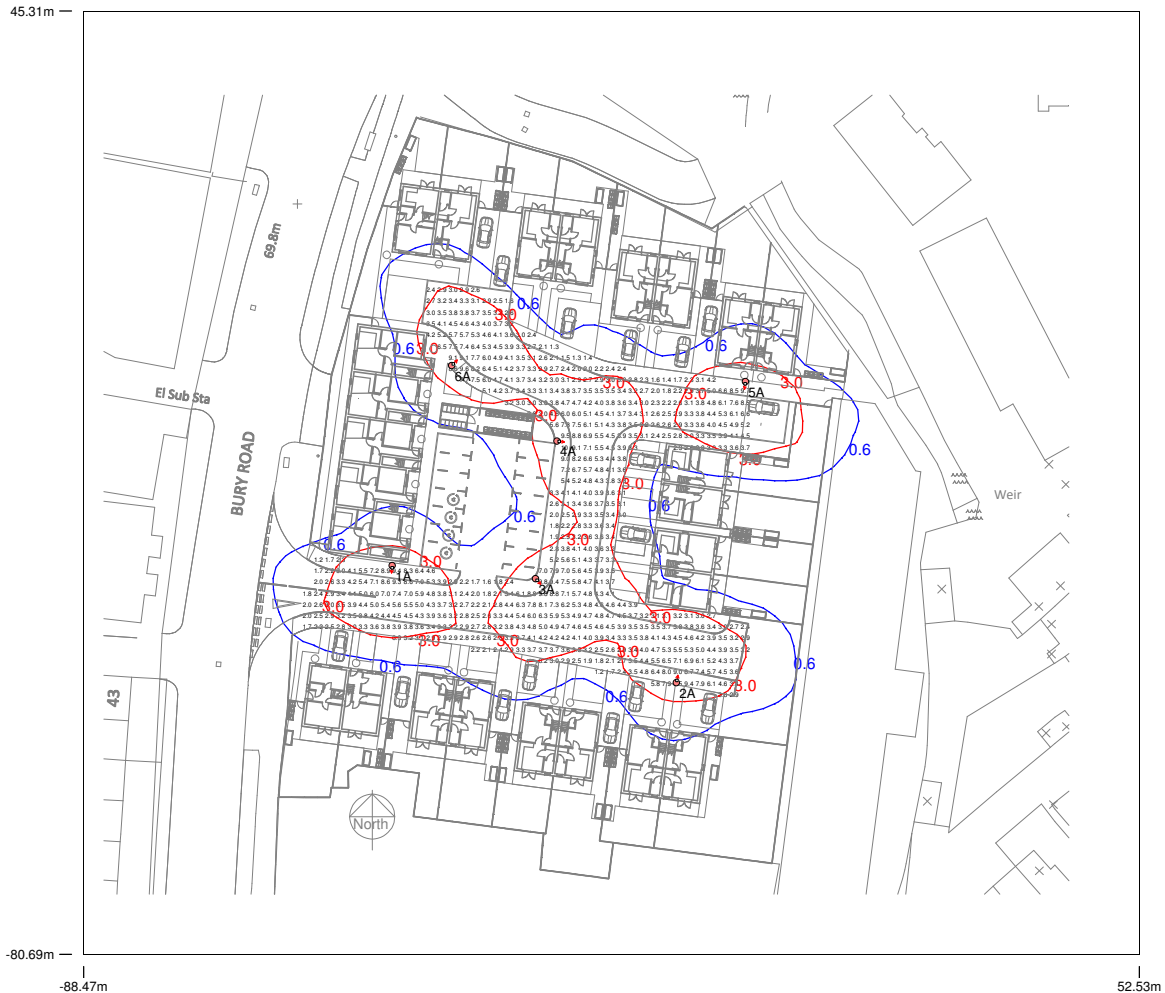
Supplier	Philips
Type	BGP702 DM33
Lamp(s)	LED-HB 5.2S 730
Lamp Flux (klm)	2.00
File Name	Luma Gen2 Micro_BGP702_DM33_2000_10 LED_5.2S_CLO_L90_730.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	322.0, 15.8, 0.0
No. in Project	6

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	-47.26	-28.72	6.00	263.00	0.00	0.00	0.30			
2	A	-9.32	-44.39	6.00	79.00	0.00	0.00	0.30			
3	A	-28.15	-30.49	6.00	313.00	0.00	0.00	0.30			
4	A	-25.29	-12.11	6.00	353.00	0.00	0.00	0.30			
5	A	-0.11	-4.18	6.00	263.00	0.00	0.00	0.30			
6	A	-39.32	-2.02	6.00	44.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	4.17
Emin	1.22
Emax	10.07
Emin/Emax	0.12
Emin/Eav	0.29