

DATE: 8 November 2022
DESIGNER: JL
PROJECT No: 24130
PROJECT NAME: Walmersley Road, Bury



24130-A-01

Lighting Classification: C3

Outdoor Lighting Report

PREPARED BY: Harttron Ltd
Units 3-3a
Second Avenue
Poynton Industrial Estate
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 380543.9m x 413429.3m
Area 90.0m x 126.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data



Supplier	Philips
Type	BGP762_DW50_14000_80LED_5.1S_CLO_L90_NW.ies
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	14.00
File Name	DigiStreet Medium_BGP762_DW50_14000_80LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.74
Imax70,80,90(cd/klm)	601.5, 51.5, 0.0
No. in Project	5

Luminaire B Data



Supplier	Philips
Type	BGP760_DW10_6200_20LED_5.1S_CLO_L90_NW.ies
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	6.20
File Name	DigiStreet Micro_BGP760_DW10_6200_20LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.74
Imax70,80,90(cd/klm)	438.8, 62.1, 0.0
No. in Project	1

Luminaire C Data



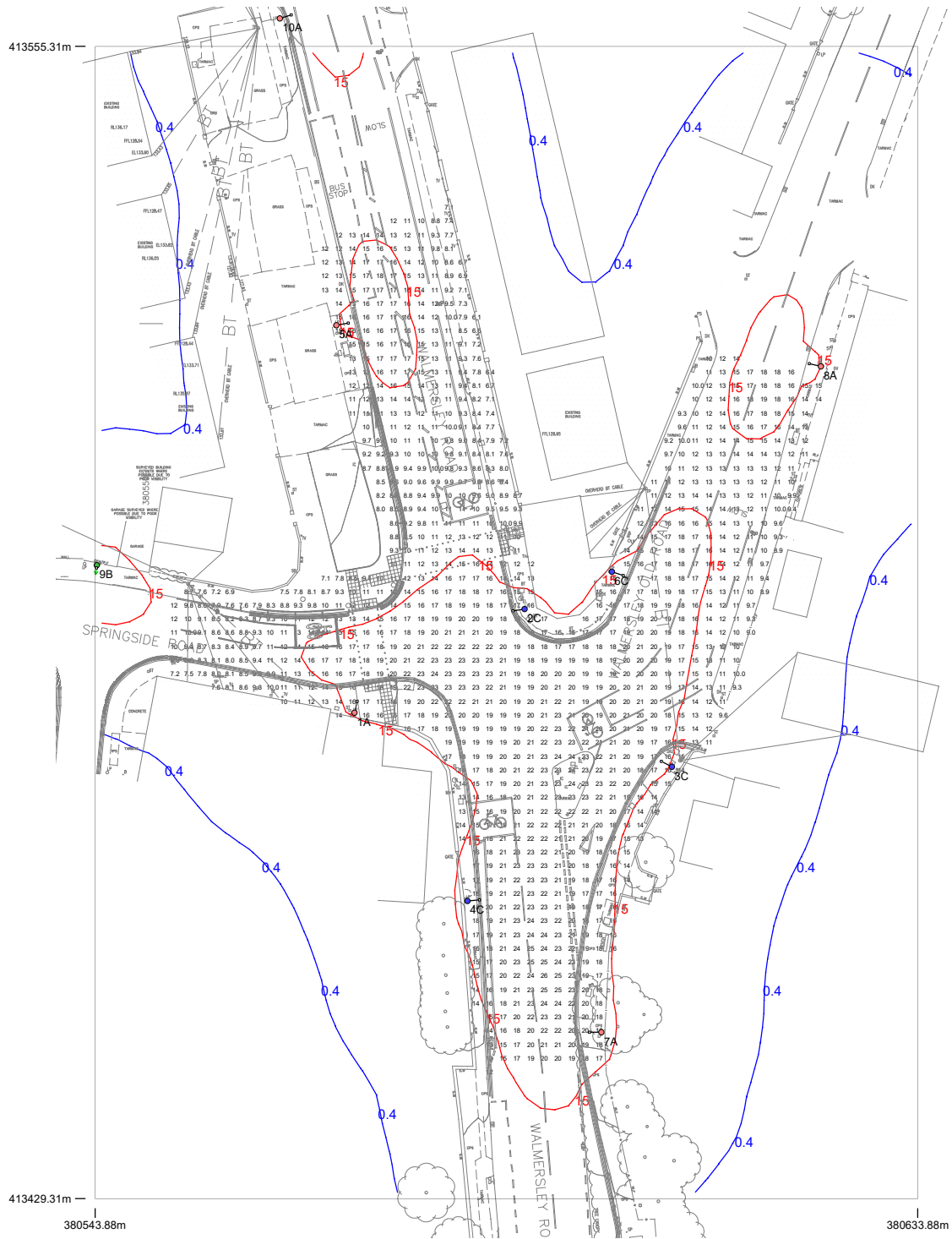
Supplier	Philips
Type	BGP761_DW50_11000_40LED_5.1S_CLO_L90_NW.ies
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	11.00
File Name	DigiStreet Mini_BGP761_DW50_11000_40LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.74
Imax70,80,90(cd/klm)	595.5, 51.0, 0.0
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	380572.25	413482.45	8.00	77.00	0.00	0.00	1.30			
2	C	380590.86	413493.80	8.00	189.00	0.00	0.00	1.30			
3	C	380606.96	413476.54	8.00	153.00	0.00	0.00	1.30			
4	C	380584.60	413461.89	8.00	4.00	0.00	0.00	1.30			
5	A	380570.28	413524.81	8.00	11.00	0.00	0.00	1.30			
6	C	380600.42	413497.86	8.00	342.00	0.00	0.00	1.30			
7	A	380599.24	413447.52	8.00	180.00	0.00	0.00	1.30			
8	A	380623.25	413520.32	8.00	167.00	0.00	0.00	1.30			
9	B	380544.07	413498.57	6.00	263.00	0.00	0.00	0.30			
10	A	380564.08	413558.37	8.00	17.00	0.00	0.00	1.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	15.40
Emin	6.11
Emax	25.57
Emin/Emax	0.24
Emin/Eav	0.40