

DATE: 8 June 2022
DESIGNER: D.Walker
PROJECT No: AC-MSL-5905
PROJECT NAME: Moston Campus

ameyconsulting

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees

Grid Origin 386628.1m x 401658.0m

Area 161.4m x 157.2m

Sample Spacing 1.49m x 1.50m

Luminaires



Luminaire A Data

Supplier	Philips
Type	BGP702 DW50
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	6.20
File Name	Luma Gen2 Micro_BGP702_DW50_6200_20LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	595.5, 51.0, 0.0
No. in Project	6



Luminaire B Data

Supplier	Philips
Type	BGP702 DW50
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	2.00
File Name	Luma Gen2 Micro_BGP702_DW50_2000_10LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	595.5, 51.0, 0.0
No. in Project	2

Luminaire F Data

Supplier	Philips
Type	MiniLuma R5
Lamp(s)	12-30 DS-NW 1 1100-7850 CW LED
LampFlux(klm)/Colour	2.00 CW/70
File Name	Mini Luma 1B R5 DS-CW 1 2000 CW LED 100%.ldt
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	445.4, 68.6, 0.0
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	F	386637.74	401697.80	6.00	111.00	0.00	0.00	0.40	100%			
2	A	386659.47	401703.38	6.00	110.00	0.00	0.00	0.40	80%			
3	A	386671.30	401725.35	6.00	199.00	0.00	0.00	0.40	80%			
4	A	386688.95	401750.68	6.00	288.00	0.00	0.00	0.40	80%			
6	A	386732.49	401756.49	6.00	110.00	0.00	0.00	0.40	80%			
7	B	386772.53	401756.17	6.00	218.00	0.00	0.00	0.40	80%			
8	B	386753.02	401779.67	6.00	15.00	0.00	0.00	0.40	80%			
9	A	386673.49	401690.78	6.00	19.00	0.00	0.00	0.40	80%			
10	A	386689.78	401683.98	6.00	293.00	5.00	0.00	0.40	80%			

Horizontal Illuminance (lux)

Grid 1

**Results**

Eav	5.35
Emin	1.10
E _{max}	11.16
E _{min} /E _{max}	0.10
E _{min} /E _{av}	0.21