

DATE: 7 February 2022
DESIGNER: MMA Lighting Consultancy Ltd
PROJECT No: MMA17011
PROJECT NAME: South Downs College (Car Park 6) Private



South Downs College (Car Park 6) Private - Area Calc - R1

6m lighting column with post top mounted DW Windsor Kirium Pro1 6.34klm LED Luminaire.

Standard - BS EN 12464: 2014 Table 5.9.2
Class - Medium Use Car Park

Minimum Results Required:
Eave - 10.00 Lux
Uo - 0.25

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 468916.9m x 107241.5m
Area 119.7m x 99.1m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	D W Windsor
Type	KIRIUM PRO1 24LED 4k C2 CLO 600mA U MSUG 42 0039 0000 100
Lamp(s)	24 x 4k LED
Lamp Flux (klm)	6.34
File Name	KIRIUM PRO1 24LED 4k C2 CLO 600mA UMSUG 42 0039 0000 100.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	794.0, 43.8, 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	469003.63	107302.54	6.00	260.00	0.00	0.00	0.40			
2	A	468976.76	107307.10	6.00	260.00	0.00	0.00	0.40			
3	A	468948.23	107311.63	6.00	260.00	0.00	0.00	0.40			
4	A	468944.84	107284.72	6.00	81.00	0.00	0.00	0.40			
5	A	468970.07	107280.14	6.00	81.00	0.00	0.00	0.40			
6	A	468996.10	107275.80	6.00	81.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1

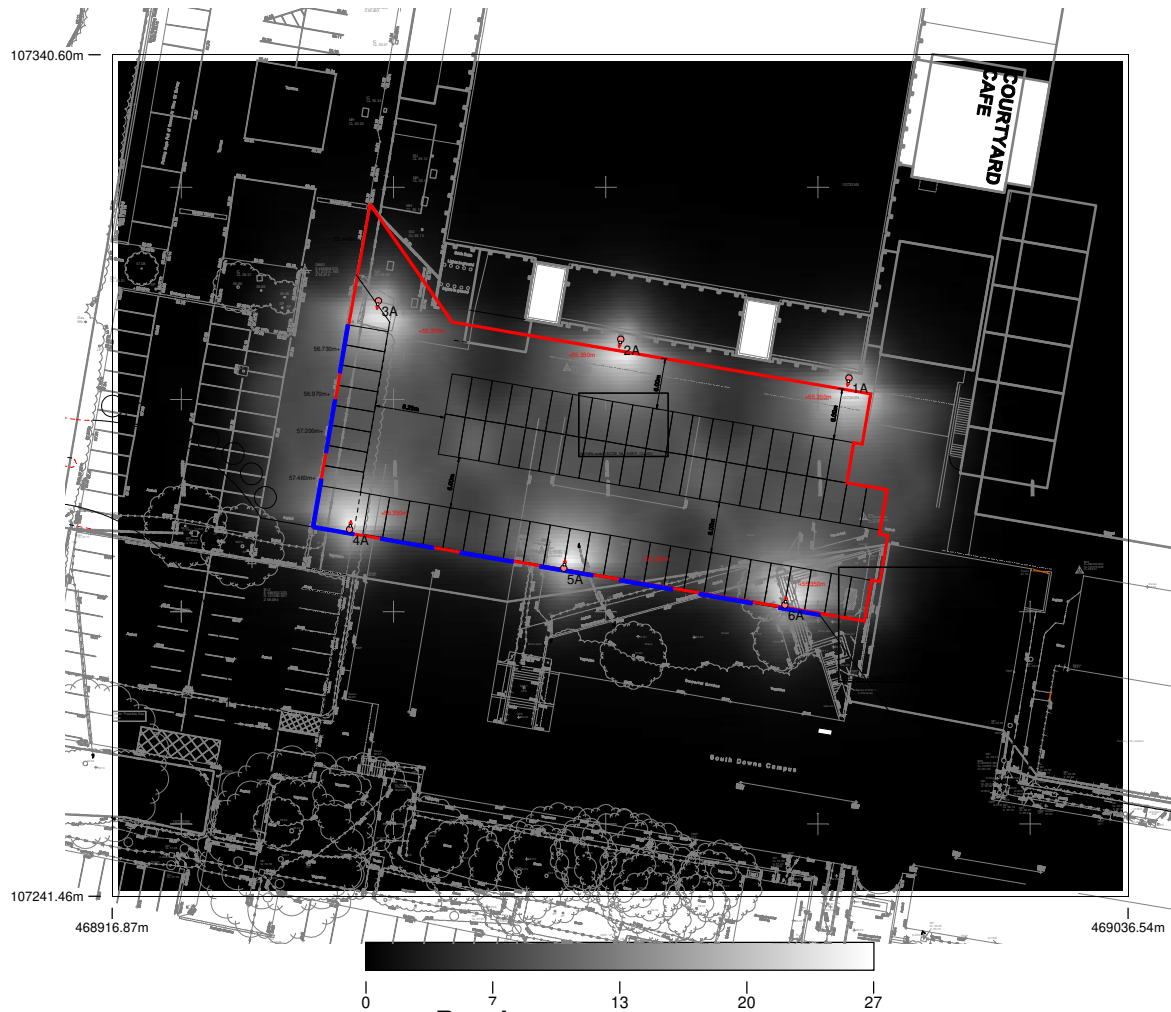


Results

Eav	10.24
Emin	4.06
Emax	26.82
Emin/Emax	0.15
Emin/Eav	0.40

Horizontal Illuminance (lux)

Grid 1



Results

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