

DATE: 15 November 2023
DESIGNER: Dan Staunton
PROJECT No: 23-11-14-01A
PROJECT NAME: Stable Lane Carpark



Stable Lane Carpark, Carrick-on-Suir, Co. Tipperary

IS EN 12464-2:2014
Table 5.9 - Parking Areas (5.9.3) - Heavy Traffic

Outdoor Lighting Report

Based on:
Lumen Output at 50,000 hours
Spot Lamp Replacement
Normal Environment
Annual Cleaning Cycle
Ground is Level

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Veelite Lighting Ltd
Waterford, Ireland
+353 (0)51 875399
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www.veelite.ie

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -19.6m x -23.9m
Area 110.6m x 105.3m
Sample Spacing 1.49m x 1.48m

Luminaires

Luminaire A Data

Supplier	
Type	Veelite Metro Streetlight 52w LED Forward Throw A Optic
Lamp(s)	24LED 4000K G4
Lamp Flux (klm)	7.33
File Name	5MTA14LGA-FTA.ies
Maintenance Factor	0.86
Imax70,80,90(cd/klm)	401.3, 47.0, 0.5
No. in Project	7

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	10.73	22.91	6.00	80.00	0.00	0.00	0.50			
2	A	32.67	25.21	6.00	259.00	0.00	0.00	0.50			
3	A	29.01	8.94	6.00	70.00	0.00	0.00	0.50			
4	A	46.95	7.12	6.00	168.00	0.00	0.00	0.50			
5	A	47.55	37.12	6.00	346.00	0.00	0.00	0.50			
6	A	62.95	24.85	6.00	178.00	0.00	0.00	0.50			
7	A	55.72	56.96	6.00	261.00	0.00	0.00	0.50			

Horizontal Illuminance (lux)

Carpark

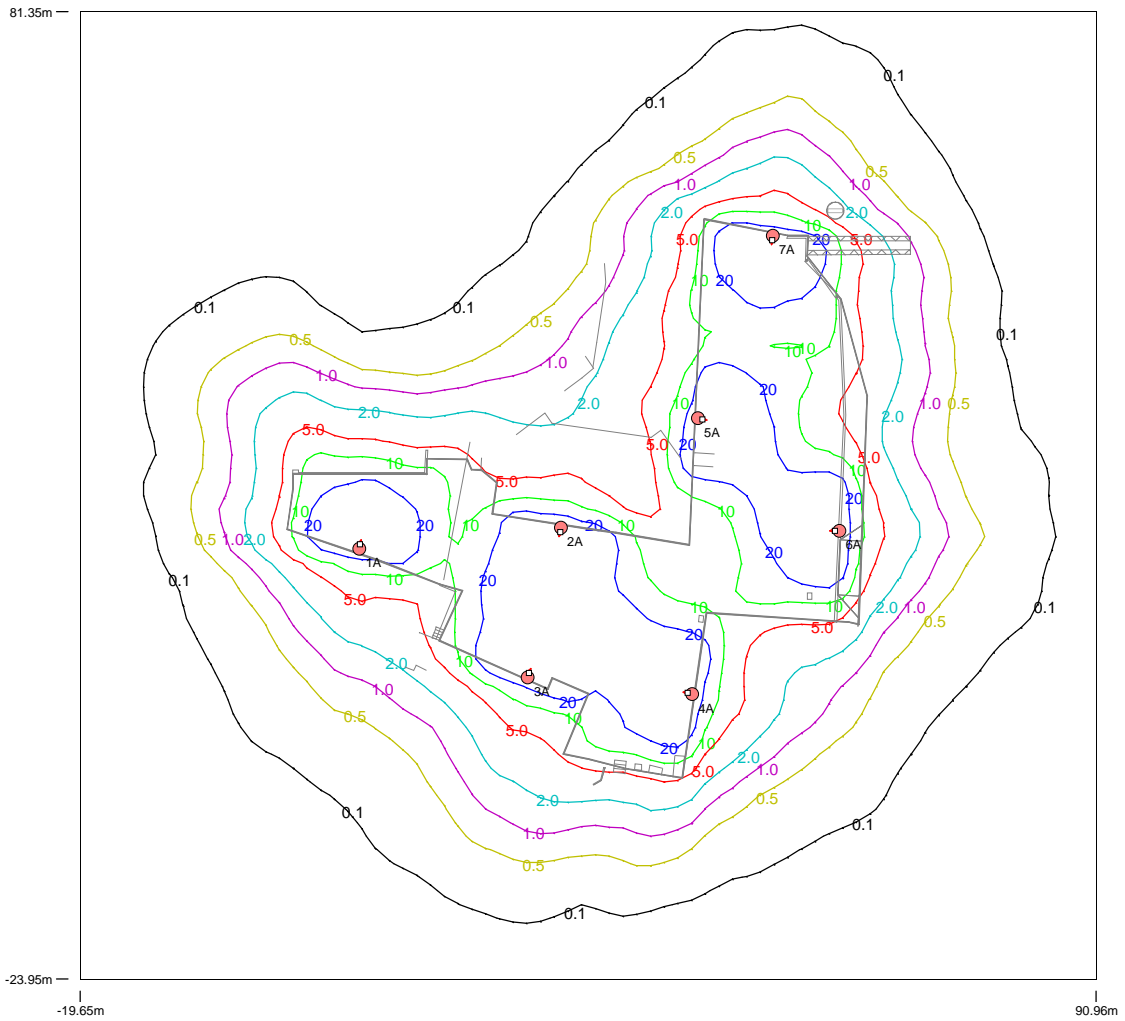


Results

Eav	23.07
Emin	5.68
Emax	56.76
Emin/Emax	0.10
Emin/Eav	0.25

Horizontal Illuminance (lux)

Carpark

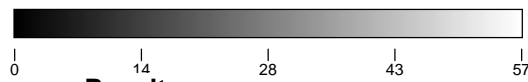
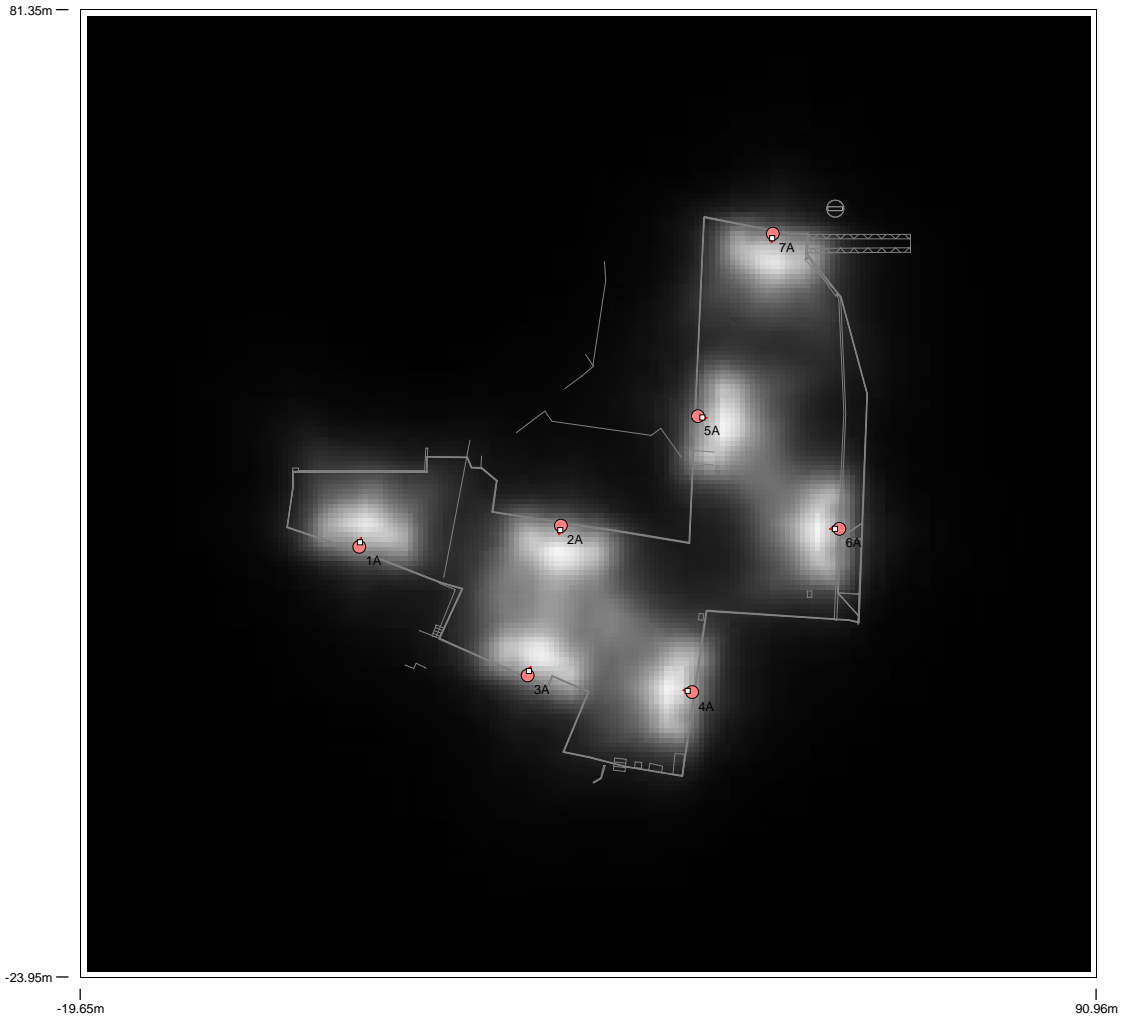


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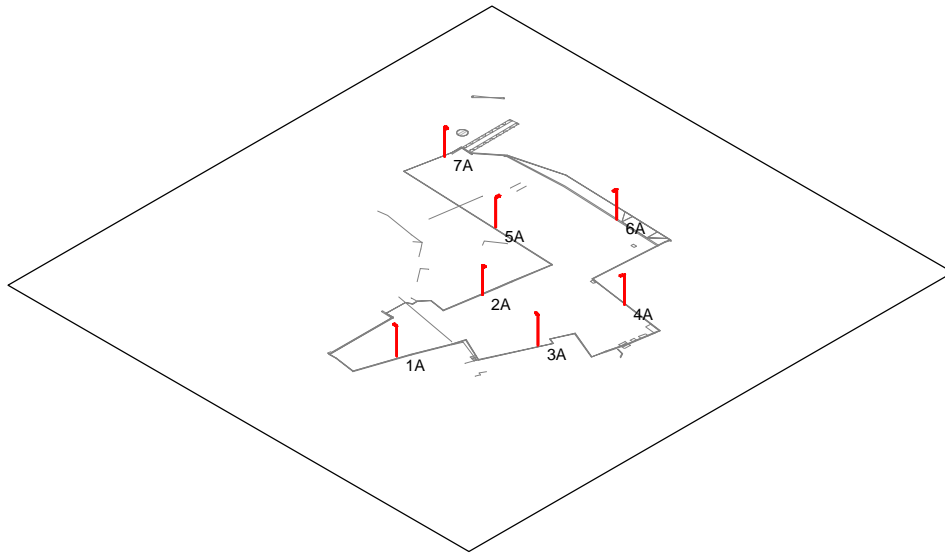


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