DATE: **30 January 2025**

DESIGNER: **D.Larkin**

PROJECT No: **2025-R1**

PROJECT NAME: **West St, Carrigaholt, Clare**

Notes:
18 No. 6m Oct Steel Columns
18 No. LEDs
2 No. MP/NC4s
Cables & Accessories
Civils by CCC

Clare Co Co

"Electric Skyline confirms that this Design complies with relevant Lighting Standards. However as the Design was prepared on a Desktop basis, Electric Skyline assumes no responsibility or liability for any errors or omissions which may occur due to varying conditions on the Project site. This Design is provided on a provisional basis only, with no guarantees of completeness or accuracy until on-site surveys are completed by associated Contractors and all Safety Rules and Codes of Practice have been taken into consideration."

PREPARED BY:

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Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	483132.59	651639.75	323.50	201.10	1.50	1.49
2	Grid 2	483456.80	651614.68	323.50	201.10	1.50	1.49

Luminaires

Luminaire A Data

Supplier	Urbis Schreder
Type	AXIA 3 EVO 1 5266 16 OSLON SQUARE GIANT@700mA WW 730 230V 02-53
Lamp(s)	16 OSLON SQUARE GIANT@700mA WW 730 230V 02-53-573 [CJO!O4STDA]
Lamp Flux (klm)	4.35
File Name	AXIA 3 EVO 1 5266 16 OSLON SQUARE GIANT 700mA WW 730 35.9W 7x4 III-Me...
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	1081.8, 207.1, 0.0
No. in Project	16

Luminaire B Data

Supplier	Urbis Schreder
Type	AXIA 3 EVO 1 5267 16 OSLON SQUARE GIANT@700mA WW 730 230V 02-53
Lamp(s)	16 OSLON SQUARE GIANT@700mA WW 730 230V 02-53-573 [CJO!O4STDA]
Lamp Flux (klm)	4.25
File Name	AXIA 3 EVO 1 5267 16 OSLON SQUARE GIANT 700mA WW 730 35.9W 7x5 III-Me...
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	950.2, 150.2, 0.0
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	483670.21	651695.49	6.00	92.00	5.00	0.00	0.35			
2	A	483635.13	651697.54	6.00	85.00	0.00	0.00	0.35			
3	A	483600.79	651705.17	6.00	73.00	0.00	0.00	0.35			
4	A	483566.93	651714.95	6.00	73.00	0.00	0.00	0.35			
5	A	483533.07	651723.53	6.00	73.00	0.00	0.00	0.35			
6	A	483499.69	651733.55	6.00	73.00	0.00	0.00	0.35			
7	A	483466.66	651746.66	6.00	73.00	0.00	0.00	0.35			
8	A	483433.13	651756.26	6.00	77.00	0.00	0.00	0.35			
9	A	483398.71	651764.65	6.00	81.00	0.00	0.00	0.35			
10	A	483364.72	651773.62	6.00	81.00	0.00	0.00	0.35			
11	A	483330.40	651780.58	6.00	81.00	0.00	0.00	0.35			
12	A	483296.74	651788.11	6.00	81.00	0.00	0.00	0.35			
13	A	483262.27	651795.81	6.00	81.00	0.00	0.00	0.35			
14	A	483228.13	651803.98	6.00	81.00	0.00	0.00	0.35			
15	B	483193.18	651807.03	6.00	81.00	0.00	0.00	0.35			
16	B	483157.92	651813.76	6.00	77.00	0.00	0.00	0.35			
17	A	483700.80	651680.52	6.00	0.00	0.00	0.00	0.35			
18	A	483725.84	651696.93	6.00	109.00	0.00	0.00	0.35			

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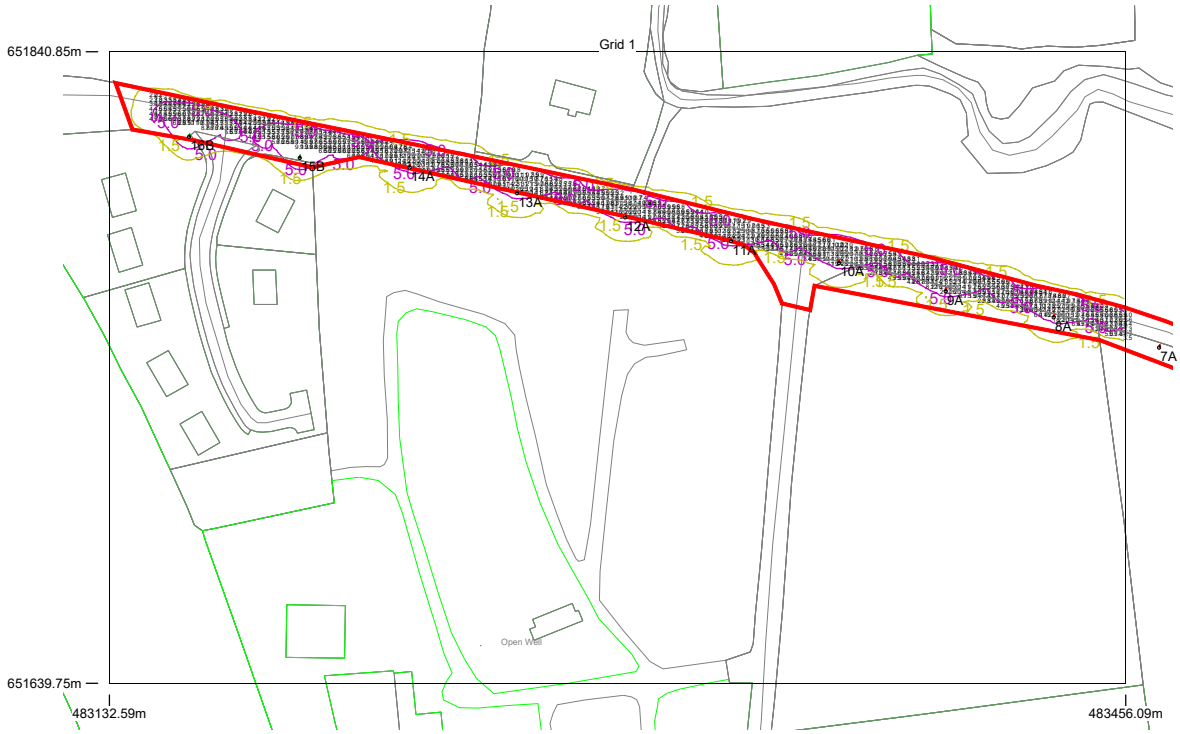
Horizontal Illuminance (lux)

Grid 1



Results

Eav	8.28
Emin	2.03
Emax	34.56
Emin/Emax	0.06
Emin/Eav	0.25

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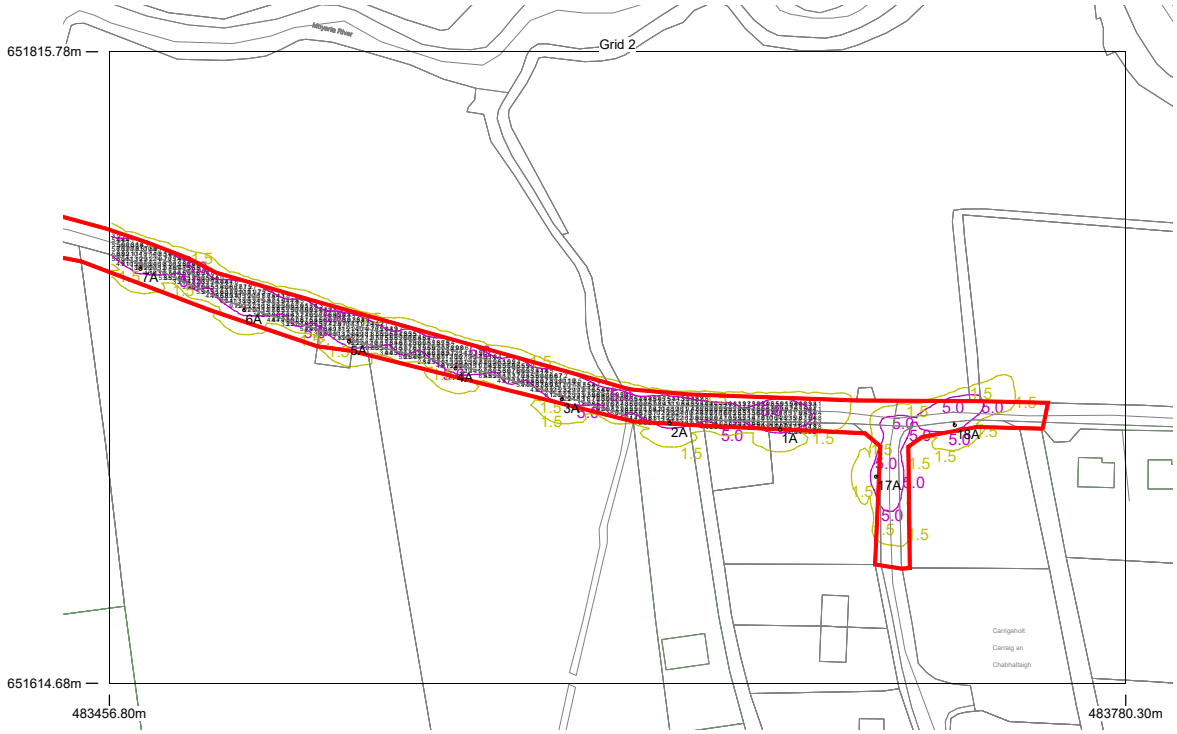
Horizontal Illuminance (lux)

Grid 2



Results

Eav	8.94
Emin	2.14
Emax	33.58
Emin/Emax	0.06
Emin/Eav	0.24

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