

DATE: 4 October 2024
DESIGNER: JRD
PROJECT No: 6818
PROJECT NAME: Westgate Zebra 1



TR12 compliant with Ignis Z1 12.61klm lantern

Outdoor Lighting Report

PREPARED BY: Kirklees Council
Flint Street
Fartown
Huddersfield
HD16LG

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	Carpet	418332.01	425182.55	5.28	7.50	0.75	1.07
2	Centre	418331.43	425186.51	5.22	1.50	2.61	0.75
3	Kerb	418332.00	425182.58	5.32	1.50	2.66	0.75
4	Rear Kerb	418338.25	425181.68	6.33	1.50	3.17	0.75

Luminaires

Luminaire C Data

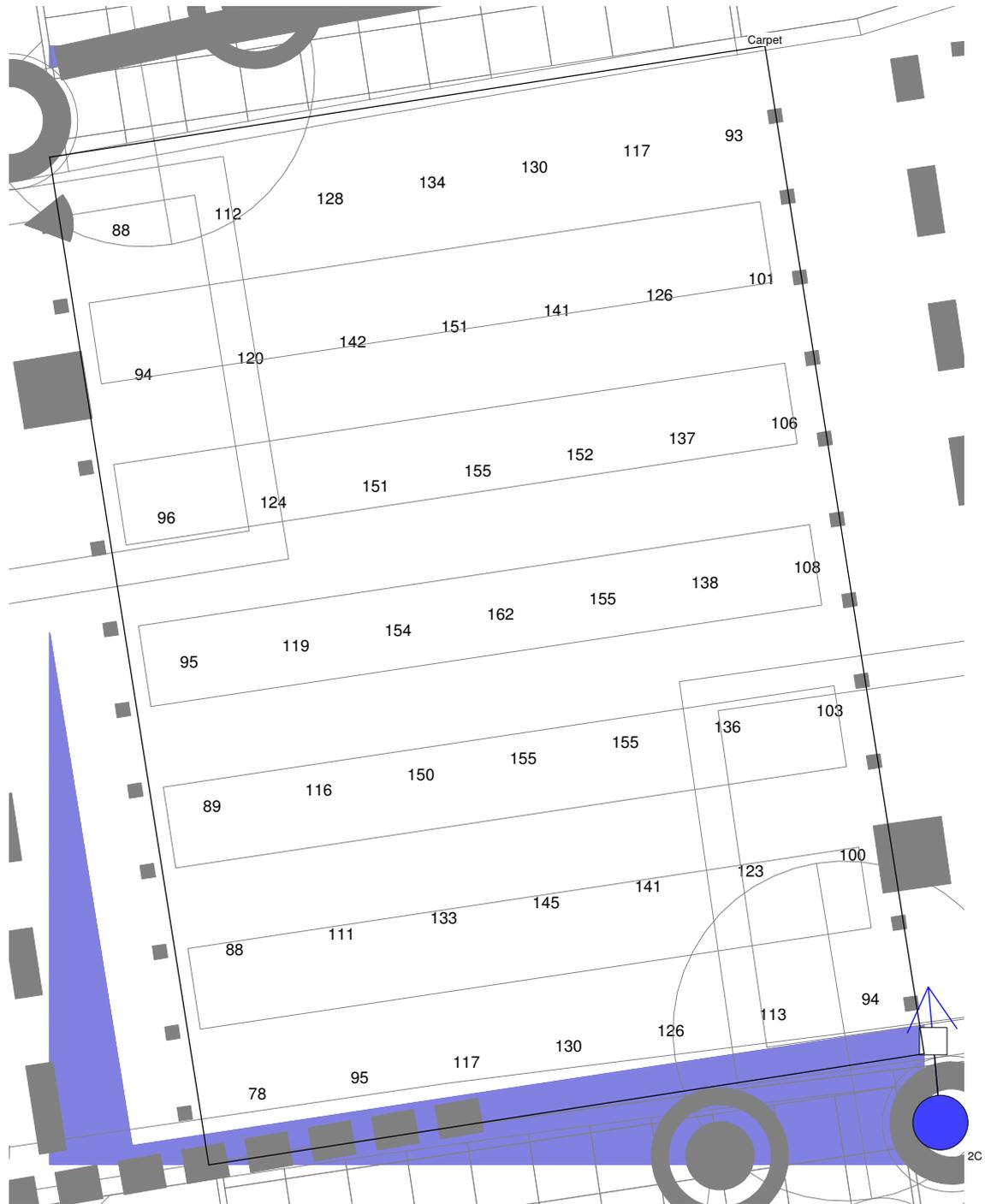
Supplier	
Type	IGNIS 1 - 36 LEDs, Z1L, 4000K, 0850mA, 0 pt1
Lamp(s)	OSRAM SQUARE CRI70
Lamp Flux (klm)	12.61
File Name	IGNIS 1 36 Z1L 4.0_70_850_12614_1.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	192.8, 24.1, 0.0
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target		
									X	Y	Z
1	C	418330.44	425190.33	7.00	284.00	5.00	0.00	0.60			
2	C	418337.34	425182.86	7.00	95.00	5.00	0.00	0.60			

Horizontal Illuminance (lux)

Carpet

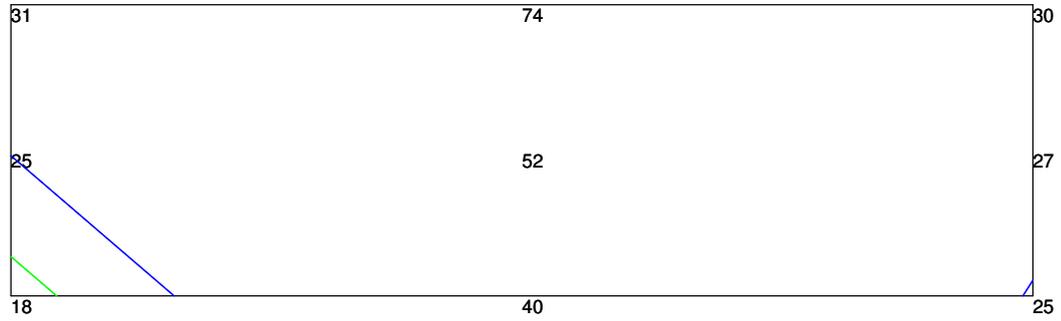


Results

Eav	123.11
Emin	77.65
Emax	162.22
Emin/Emax	0.48
Emin/Eav	0.63

Illuminance (lux)

Centre

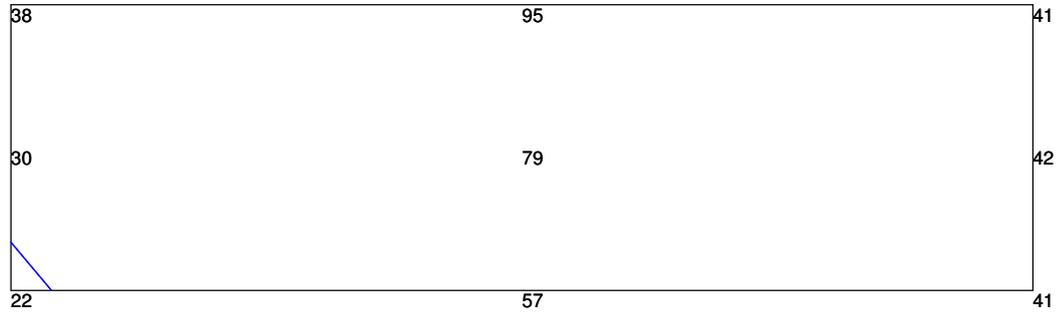


Results

Eav	35.85
Emin	18.05
Emax	74.13
Emin/Emax	0.24
Emin/Eav	0.50

Illuminance (lux)

Kerb

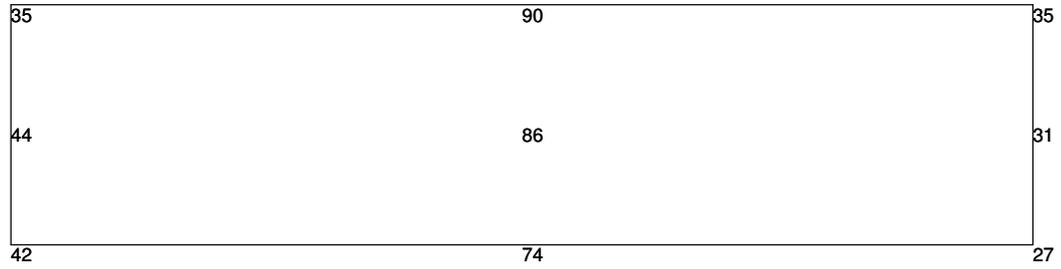


Results

Eav	49.64
Emin	22.21
Emax	94.92
Emin/Emax	0.23
Emin/Eav	0.45

Illuminance (lux)

Rear Kerb



Results

Eav	51.68
Emin	26.86
Emax	89.80
Emin/Emax	0.30
Emin/Eav	0.52