

DATE: 6 December 2024

DESIGNER: B Cartledge

PROJECT No: SOL 1300 001

PROJECT NAME: Waterside, Bury



Waterside, Bury
Solar Powered Street Lighting Layout
Area Lighting Complies with Lighting Category P6
Eav 2.00 to 3.00
Emin 0.40 Lux

Outdoor Lighting Report

PREPARED BY: Cencode Limited
Independent Lighting Design & Consultancy
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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	379359.24	415062.02	38.18	14.09	1.47	1.41

Luminaires



Luminaire A Data

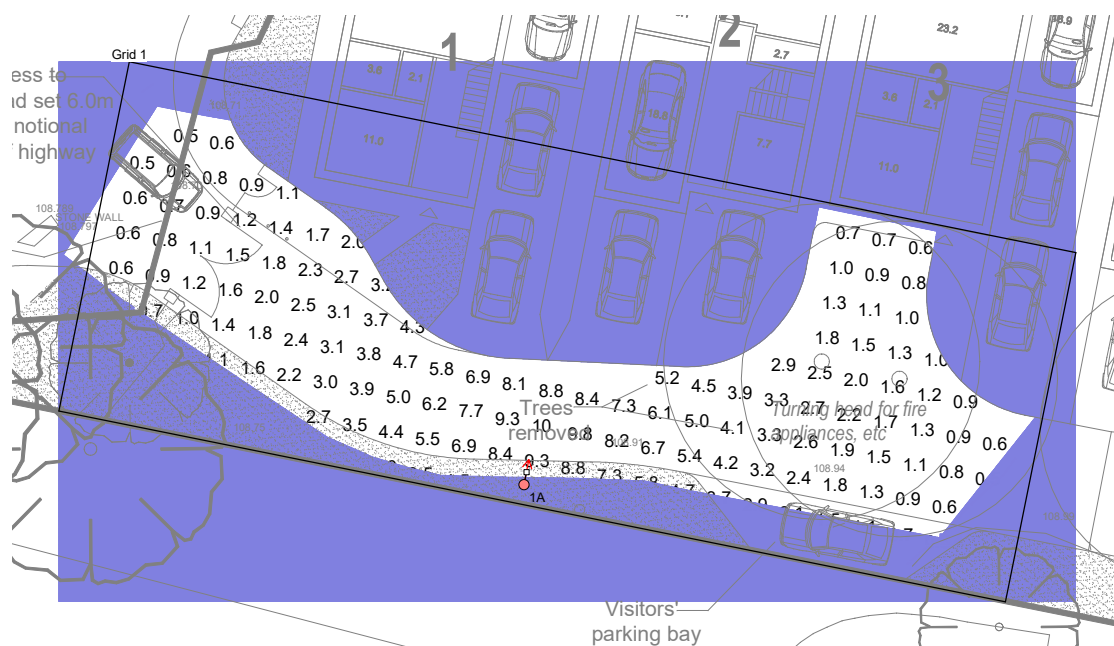
Supplier	Prolectric
Type	RS10-T2/10W/3000K
Lamp(s)	
Lamp Flux (klm)	1.84
File Name	RS10 T2 10W 3000K.IES
Maintenance Factor	0.86
Imax70,80,90(cd/klm)	329.8, 41.4, 0.0
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	379377.63	415059.12	6.00	79.00	22.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	2.98
Emin	0.48
E _{max}	10.33
Emin/E _{max}	0.05
Emin/Eav	0.16