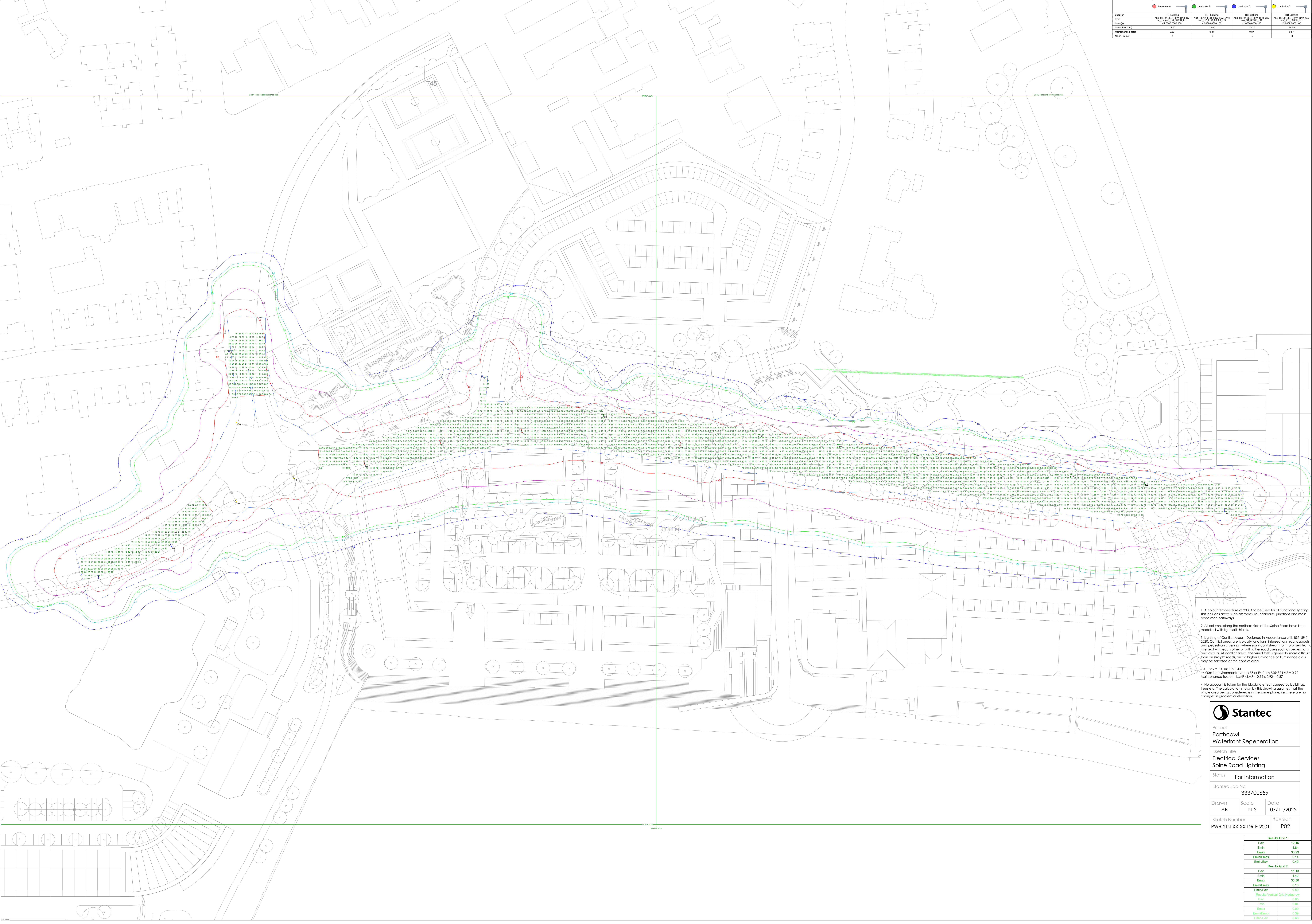


Supplier	Luminaire A	Luminaire B	Luminaire C	Luminaire D	Luminaire E
Type	TRIT Lighting ARK OPTIK 170, 180, 200, 250 42,000, 50,000, 60,000, 70,000 42,000, 50,000, 60,000, 70,000	TRIT Lighting ARK OPTIK 170, 180, 200, 250 42,000, 50,000, 60,000, 70,000	TRIT Lighting ARK OPTIK 170, 180, 200, 250 42,000, 50,000, 60,000, 70,000	TRIT Lighting ARK OPTIK 170, 180, 200, 250 42,000, 50,000, 60,000, 70,000	TRIT Lighting ARK OPTIK 170, 180, 200, 250 42,000, 50,000, 60,000, 70,000
Lumen(s)	12,000	12,000	12,000	12,000	12,000
Beam Spread (m)	12.00	12.00	12.00	12.00	12.00
Maintenance Factor	0.87	0.87	0.87	0.87	0.87
No. in Project	1	7	5	5	2



1. A colour temperature of 3000K to be used for all functional lighting. This includes areas such as: roads, roundabouts, junctions and main pedestrian pathways.
2. All columns along the northern side of the Spine Road have been modelled with light spill effects.
3. Lighting of Conflict Areas - Designed in Accordance with BS5489-1:2020. Conflict areas are typically junctions, intersections, roundabouts and pedestrian crossings, where significant streams of isolated traffic intersect with each other or with other road users such as pedestrians and cyclists. At conflict areas, the visual task is generally more difficult than on straight roads, and a higher luminance or illuminance class may be selected at the conflict area.
4. No account is taken for the blocking effect caused by buildings, trees etc. The calculation shown by this drawing assumes that the whole area being considered is in the same plane, i.e. there are no changes in gradient or elevation.

**Stantec**

Project
Portlough
Waterfront Regeneration

Sketch Title
Electrical Services
Spine Road Lighting

Status For Information

Stantec Job No
333700659

Drawn Scale Date
AB NTS 07/11/2025

Sketch Number Revision
PWR-STN-XX-XX-DR-E-2001 P02

Results Grid 1	
Eav	12.15
Emin	4.84
Emax	33.53
EmmEmax	0.14
EmmEav	0.40
Results Grid 2	
Eav	11.13
Emin	4.42
Emax	33.30
EmmEmax	0.13
EmmEav	0.40
Results Vertical Grid Histogram	
Eav	0.05
Emin	0.04
Emax	0.09
EmmEmax	0.39
EmmEav	0.68