



## **APPENDIX 9-1**

***PUBLIC LIGHTING REPORT***

**DATE:** 24 August 2022  
**DESIGNER:** Alex Naper  
**PROJECT No:** SES 11522 Rev A  
**PROJECT NAME:** Pedestrian Bridge 2 - Kildare - Sky Castle Ltd



Road section meets recommendations of EN13201-2:2015 Category P2.

Rev A: Project name updated.

## **Outdoor Lighting Report**

**PREPARED BY:** Sabre Electrical Services Ltd.  
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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	694597.79	738514.02	111.00	114.00	1.50	1.50

### Luminaires

#### Luminaire J Data

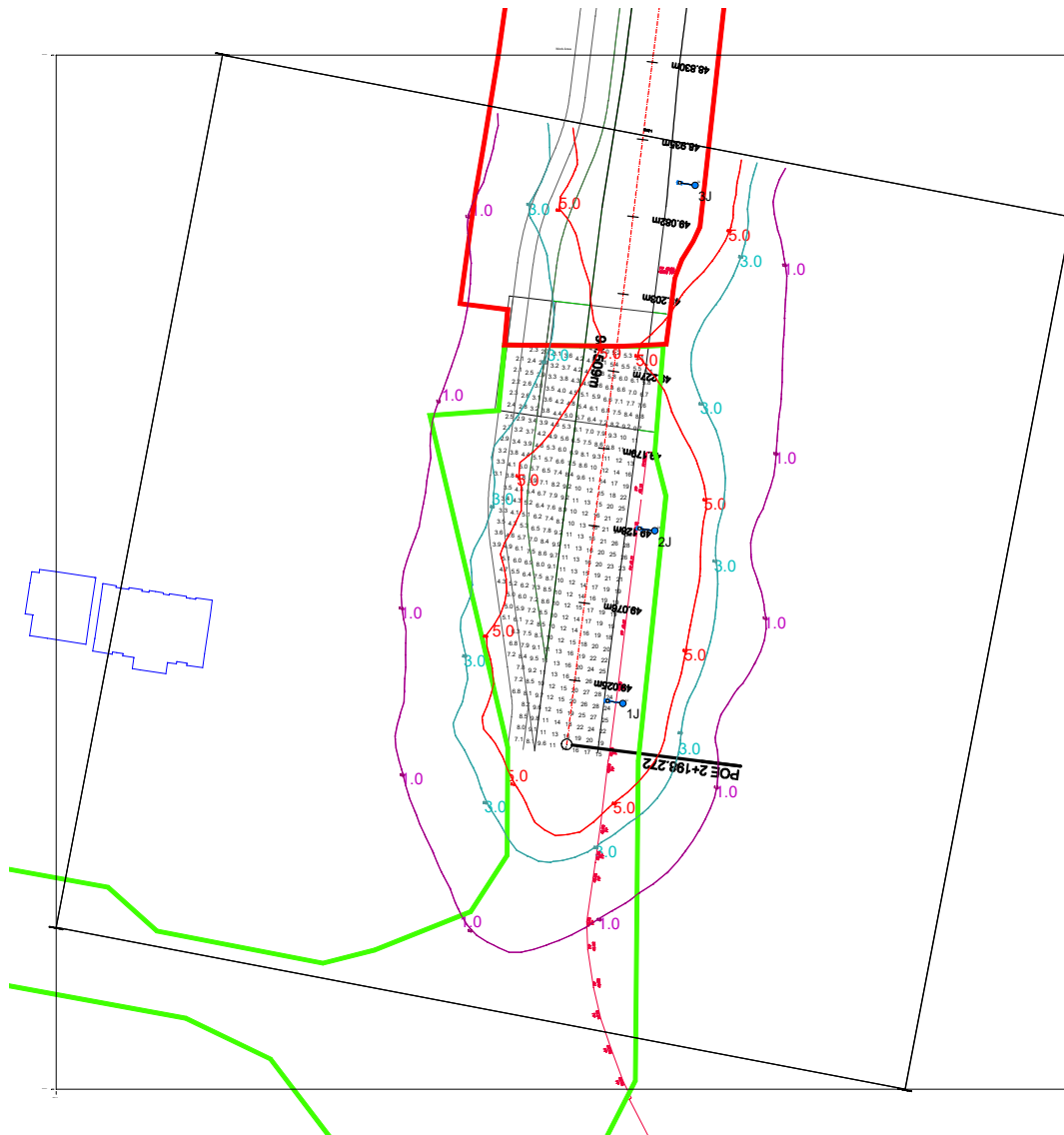
Supplier	
Type	2685 SNN-1C#
Lamp(s)	1 ST 150 17500 2000 E40
LampFlux(klm)/Colour	17.50 1950 / 23
File Name	Arc 2685 SNN 1C# 1 ST 150 17500 1950 E 40.Idt
Maintenance Factor	0.75
Imax70,80,90(cd/klm)	352.0, 100.0, 5.0
No. in Project	3

### Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	J	694670.57	738542.77	10.00	171.00	5.00	0.00	2.00			
2	J	694674.67	738564.91	10.00	171.00	5.00	0.00	2.00			
3	J	694679.85	738609.29	10.00	171.00	5.00	0.00	2.00			

## Horizontal Illuminance (lux)

Grid 1



### Results

Eav	10.39
Emin	2.05
Emax	28.14
Emin/Emax	0.07
Emin/Eav	0.20