



APPENDIX 9-1

PUBLIC LIGHTING REPORT

DATE: 24 August 2022
DESIGNER: Alex Naper
PROJECT No: SES 11422 Rev A
PROJECT NAME: Moyglare Bridge - Sky Castle Ltd



Road designed in accordance with EN13201-2:2015 Category P2.

Rev A: Updated project name.

Outdoor Lighting Report

PREPARED BY: Sabre Electrical Services Ltd.
Unit 11,
Bellview Industrial Estate,
Tolka Valley Road,
Dublin 11
Phone Number: 01 8110875
Contact: Graham Sheehan
eMail: graham@sabrelighting.ie

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	-158.92	417.65	223.41	96.00	1.50	1.50

Luminaires



Luminaire C Data

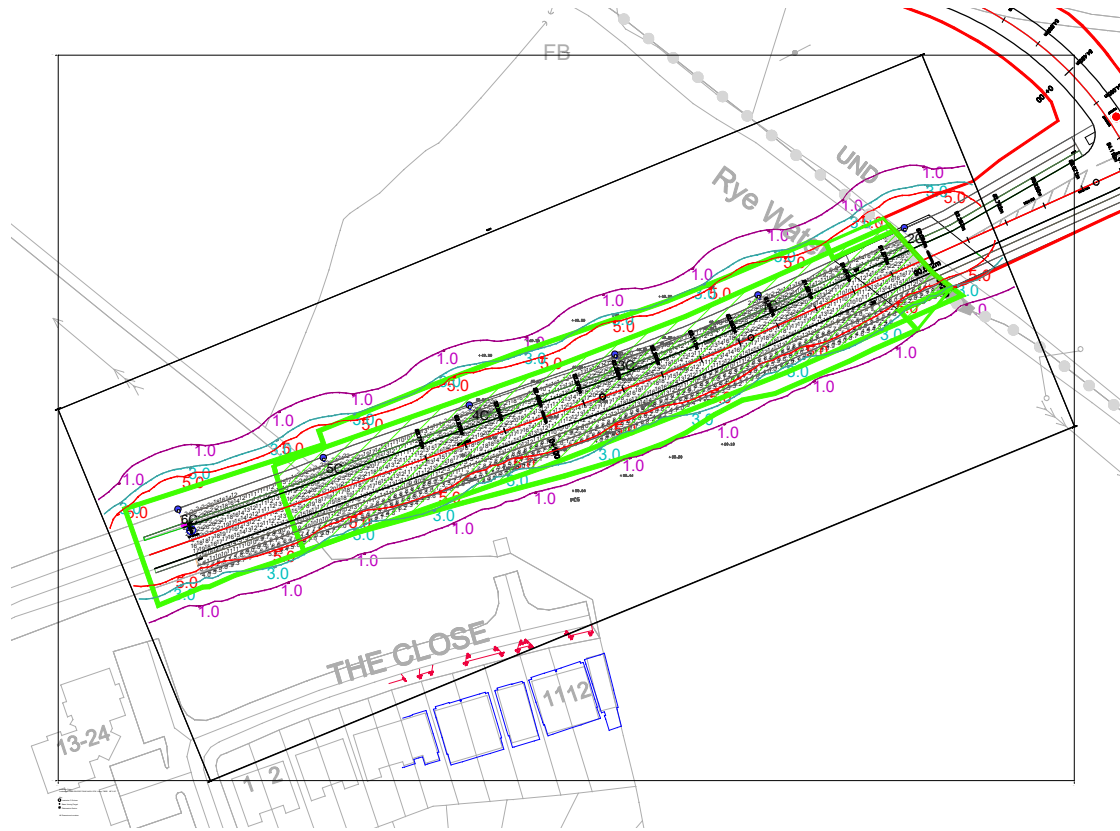
Supplier	C U Phosco
Type	P862-256-R2E-730-W3-425-107W
Lamp(s)	730SS
Lamp Flux (klm)	14.97
File Name	P862-256-R2E-730-W3-425-107W.ies
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	458.4, 47.0, 0.0
No. in Project	6

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	C	-27.96	533.87	10.00	291.00	0.00	0.00	0.50			
2	C	7.01	550.01	10.00	291.00	0.00	0.00	0.50			
3	C	-62.18	519.73	10.00	291.00	0.00	0.00	0.50			
4	C	-97.04	507.52	10.00	291.00	0.00	0.00	0.50			
5	C	-131.96	495.01	10.00	291.00	0.00	0.00	0.50			
6	C	-166.71	482.68	10.00	291.00	0.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	14.12
Emin	3.28
E _{max}	30.00
E _{min} /E _{max}	0.11
E _{min} /E _{av}	0.23