

DATE: 19 April 2024
DESIGNER: Graham Sheehan
PROJECT No: SES 07624
PROJECT NAME: Rathfarnham Site Howard Building Contractors



Designed in accordance with ISEN13201-2:2015 Class P4 and SDCS Public Lighting Specification for Public Lighting.

Outdoor Lighting Report

PREPARED BY: Sabre Electrical Services Ltd.
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 2764.0m x 335.0m
Area 108.0m x 126.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	C U Phosco
Type	P852K-12-R2B-NW-CB0400-17W
Lamp(s)	740C NW
Lamp Flux (klm)	2.05
File Name	P852K-12-R2B-NW-CB0400-17W.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	669.5, 62.5, 5.9
No. in Project	4



Luminaire B Data

Supplier	C U Phosco
Type	P852K-12-F3-NW-CB0500-20W
Lamp(s)	740C NW
Lamp Flux (klm)	2.42
File Name	P852K-12-F3-NW-CB0500-20W.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	710.7, 561.9, 94.5
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	2799.93	393.91	6.00	279.00	0.00	0.00	0.40			
2	A	2830.56	394.63	6.00	259.00	0.00	0.00	0.40			
3	A	2815.29	407.40	6.00	341.00	0.00	0.00	0.40			
4	B	2793.92	410.06	6.00	90.00	0.00	0.00	0.40			
5	A	2826.89	429.38	6.00	174.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.18
Emin	1.15
Emax	14.45
Emin/Emax	0.08
Emin/Eav	0.22

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