

DATE: 5 November 2024
DESIGNER: HARVEY REA
PROJECT No: 23052
PROJECT NAME: Craddockstown

**LIGHTING
REALITY**

Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -29.1m x -85.8m
Area 140.9m x 118.7m
Sample Spacing 1.50m x 1.48m

Luminaires

Luminaire D Data

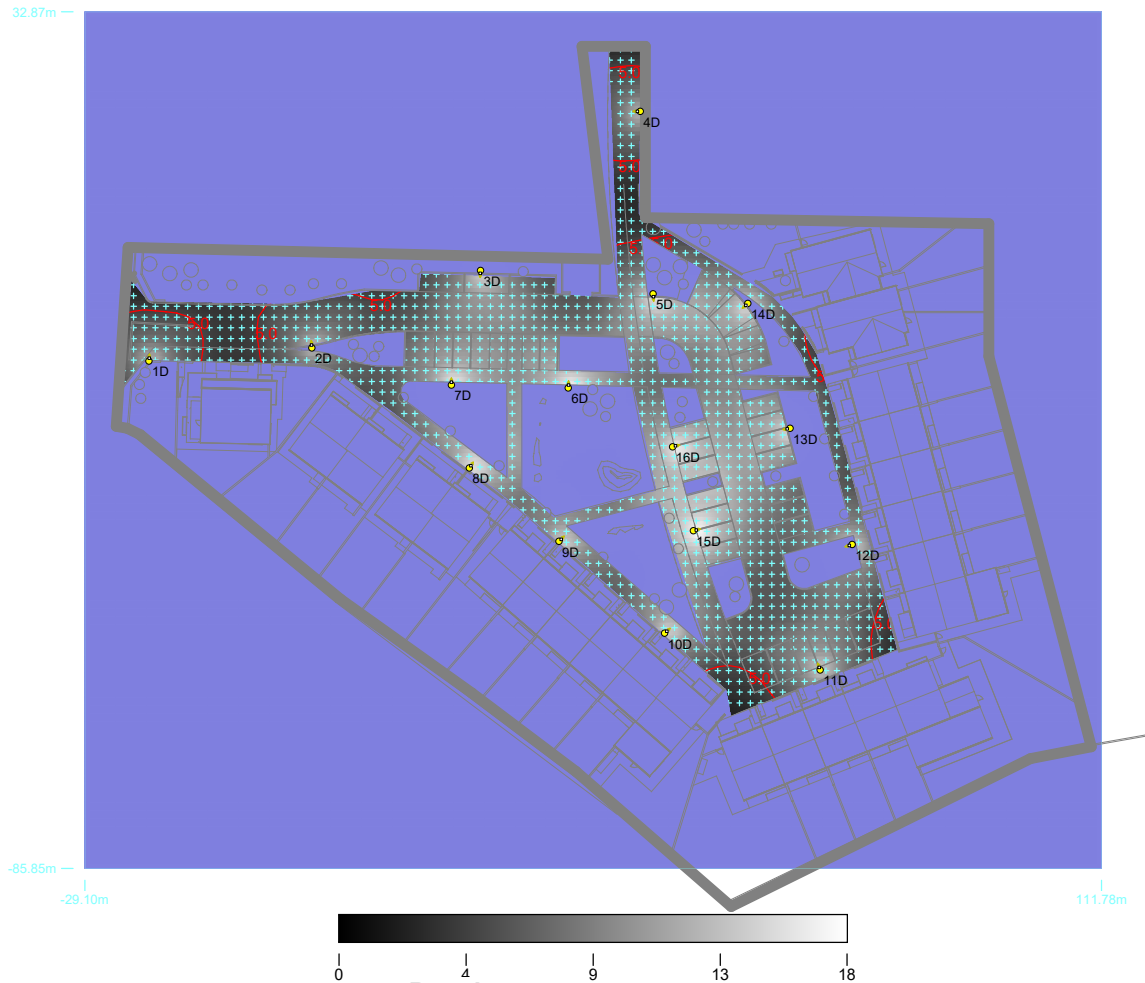
Supplier	
Type	P852K-24-A2A-727-HE-0400-19W
Lamp(s)	727P
Lamp Flux (klm)	2.93
File Name	P852K-24-A2A-727-HE-0400-19W.ies
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	371.8, 124.5, 0.5
No. in Project	16

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	D	-20.24	-15.53	6.00	84.00	0.00	0.00	0.40			
2	D	2.33	-13.68	6.00	94.00	0.00	0.00	0.40			
3	D	25.70	-2.95	6.00	268.00	0.00	0.00	0.40			
4	D	47.84	19.09	6.00	180.00	0.00	0.00	0.40			
5	D	49.62	-6.21	6.00	274.00	0.00	0.00	0.40			
6	D	37.87	-19.24	6.00	87.00	0.00	0.00	0.40			
7	D	21.69	-18.85	6.00	90.00	0.00	0.00	0.40			
8	D	24.14	-30.33	6.00	56.00	0.00	0.00	0.40			
9	D	36.59	-40.49	6.00	47.00	0.00	0.00	0.40			
10	D	51.23	-53.22	6.00	42.00	0.00	0.00	0.40			
11	D	72.77	-58.31	6.00	111.00	0.00	0.00	0.40			
12	D	77.18	-40.93	6.00	198.00	0.00	0.00	0.40			
13	D	68.59	-24.81	6.00	192.00	0.00	0.00	0.40			
14	D	62.75	-7.52	6.00	222.00	0.00	0.00	0.40			
15	D	55.20	-39.03	6.00	16.00	0.00	0.00	0.40			
16	D	52.33	-27.37	6.00	15.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	8.75
Emin	2.53
Emax	17.92
Emin/Emax	0.14
Emin/Eav	0.29