

DATE: 10 November 2025
DESIGNER: CBS Consulting ENgineers Ltd
PROJECT No:
PROJECT NAME: Pairc na Habhainn Athenry

**LIGHTING
REALITY**

Outdoor Lighting Report

The lighting design has achieved the following Lighting
Standards: P3 --EN 13201-2:2015

PREPARED BY: CBS Consulting Engineers Ltd

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 550108.3m x 726777.4m
Area 149.5m x 147.6m
Sample Spacing 1.49m x 1.49m

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3 EVO 1 5266 Integrated lenses 16 OSLON SQUARE GIANT@50
Lamp(s)	16 OSLON SQUARE GIANT@500mA WW 730 230V 01-11-814
LampFlux(klm)/Colour	3.67 WW 3000K/70
File Name	25.7W 511022 Integrated lenses 230V EF Extra-Wide ProFlex .ldt
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	966.7, 185.1, 0.0
No. in Project	13

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	550184.96	726898.72	6.00	259.00	3.00	0.00	0.50			
2	A	550181.17	726884.33	6.00	9.00	1.00	0.00	0.50			
3	A	550166.27	726898.37	6.00	273.00	3.00	0.00	0.50			
4	A	550200.11	726898.65	6.00	245.00	1.00	0.00	0.50			
5	A	550144.08	726897.79	6.00	330.00	0.00	0.00	0.50			
6	A	550155.20	726882.13	6.00	3.00	1.00	0.00	0.50			
7	A	550202.97	726831.67	6.00	182.00	3.00	0.00	0.50			
8	A	550169.00	726865.53	6.00	75.00	1.00	0.00	0.50			
9	A	550182.62	726849.44	6.00	35.00	3.00	0.00	0.50			
10	A	550184.04	726870.26	6.00	225.00	1.00	0.00	0.50			
11	A	550195.26	726876.21	6.00	22.00	1.00	0.00	0.50			
12	A	550202.91	726857.39	6.00	197.00	1.00	0.00	0.50			
13	A	550191.46	726825.42	6.00	321.00	3.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	10.31
Emin	1.52
Emax	31.10
Emin/Emax	0.05
Emin/Eav	0.15