

DATE: 22 April 2024
DESIGNER: D.Larkin
PROJECT No: Rhatigans-2024-R2
PROJECT NAME: Sligo Dev & Creche



Notes:
37 No. 6m Columns
37 No. LEDs (Lum A,B & C)
Approx 4 No. MPs/NC4s (TBC)
Cables & Accessories
Civils by Others
Ignore Lums D,E & F

Outdoor Lighting Report

The lighting design has achieved the following Lighting Standards:
P4 = IS EN13201-2:2015/BS5489-1:2020

“Electric Skyline confirms that this Design complies with relevant Lighting Standards. However as the Design was prepared on a Desktop basis, Electric Skyline assumes no responsibility or liability for any errors or omissions which may occur due to varying conditions on the Project site. This Design is provided on a provisional basis only, with no guarantees of completeness or accuracy until on-site surveys are completed by associated Contractors and all Safety Rules and Codes of Practice have been taken into consideration.”

PREPARED BY: Electric Skyline Ltd
CRF House,
Dalton St,
Claremorris,
Co. Mayo,
F12 N2Y2
e-mail: info@electricskyline.ie
website: www.electricskyline.ie

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 568709.0m x 834202.7m
Area 314.4m x 373.4m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data



Supplier	Urbis Schreder
Type	AXIA 3.1 5266 Integrated lenses 16 OSLO N SQUARE GIANT@300mA
Lamp(s)	16 OSLO N SQUARE GIANT@300mA WW 730 230V
LampFlux(klm)/Colour	2.11 WW 3000K/70
File Name	AXIA 3.1 5266 16 OSLO N SQUARE GIANT@300mA WW 730 230V 429092 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1142.4, 192.6, 0.0
No. in Project	22

Luminaire B Data



Supplier	Urbis Schreder
Type	AXIA 3.1 5267 Integrated lenses 16 OSLO N SQUARE GIANT@300mA
Lamp(s)	16 OSLO N SQUARE GIANT@300mA WW 730 230V
LampFlux(klm)/Colour	2.07 WW 3000K/70
File Name	AXIA 3.1 5267 16 OSLO N SQUARE GIANT@300mA WW 730 230V 429102 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	985.2, 145.1, 0.0
No. in Project	11

Luminaire C Data



Supplier	Urbis Schreder
Type	AXIA 3.1 5296 Integrated lenses 16 OSLO N SQUARE GIANT@300mA
Lamp(s)	16 OSLO N SQUARE GIANT@300mA WW 730 230V
LampFlux(klm)/Colour	2.08 WW 3000K/70
File Name	AXIA 3.1 5296 16 OSLO N SQUARE GIANT@300mA WW 730 230V 436952 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1243.8, 38.3, 0.0
No. in Project	4

Luminaire D Data



Supplier	Urbis Schreder
Type	AXIA 2.2 5166 Integrated lenses 48 OSLO N SQUARE GIANT@700mA
Lamp(s)	48 OSLO N SQUARE GIANT@700mA NW 740 230V 00-36-983
LampFlux(klm)/Colour	14.89 NW 4000K/70
File Name	AXIA 2.2 5166 48 OSLO N SQUARE GIANT@700mA NW 740 230V 441962 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1111.7, 173.2, 0.0
No. in Project	4

Luminaire E Data



Supplier	_Historic Lanterns
Type	QB2B1055.4A + QB2M
Lamp(s)	55W SOX
Lamp Flux (klm)	8.10
File Name	r0004957.cib
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	179.3, 135.2, 67.6
No. in Project	1

Luminaire F Data



Supplier	Urbis Schreder
Type	AXIA 3.2 5266 Integrated lenses 32 OSLO N SQUARE GIANT@800mA
Lamp(s)	32 OSLO N SQUARE GIANT@800mA WW 730 230V
LampFlux(klm)/Colour	9.83 WW 3000K/70
File Name	AXIA 3.2 5266 32 OSLO N SQUARE GIANT@800mA WW 730 230V 430082 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1211.8, 139.9, 0.0
No. in Project	1

Luminaires



Luminaire G Data

Supplier	_Historic Lanterns
Type	MRL6RGN 150W SON-T
Lamp(s)	150W SON-T
Lamp Flux (klm)	17.50
File Name	C2-83B.CIB
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	269.0, 10.0, 0.0
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	B	568874.20	834228.50	6.00	281.00	0.00	0.00	0.35			
2	B	568900.30	834238.23	6.00	307.00	0.00	0.00	0.35			
3	A	568904.77	834223.48	6.00	163.00	0.00	0.00	0.35			
4	A	568915.65	834259.82	6.00	163.00	0.00	0.00	0.35			
5	A	568925.43	834296.37	6.00	252.00	0.00	0.00	0.35			
6	B	568910.25	834289.73	6.00	79.00	0.00	0.00	0.35			
7	A	568891.11	834287.88	6.00	109.00	5.00	0.00	0.35			
8	A	568853.60	834278.60	6.00	97.00	5.00	0.00	0.35			
9	B	568930.58	834338.89	6.00	263.00	0.00	0.00	0.35			
10	B	568913.98	834312.48	6.00	341.00	0.00	0.00	0.35			
11	B	568905.61	834337.16	6.00	51.00	0.00	0.00	0.35			
12	A	568876.24	834363.08	6.00	50.00	0.00	0.00	0.35			
13	B	568869.70	834353.59	6.00	101.00	5.00	0.00	0.35			
14	A	568836.46	834345.61	6.00	103.00	0.00	0.00	0.35			
15	B	568844.78	834361.75	6.00	16.00	5.00	0.00	0.35			
16	A	568853.72	834382.74	6.00	43.00	0.00	0.00	0.35			
17	A	568831.20	834401.96	6.00	43.00	0.00	0.00	0.35			
18	B	568805.67	834424.56	6.00	47.00	0.00	0.00	0.35			
19	A	568814.00	834409.09	6.00	310.00	0.00	0.00	0.35			
20	A	568837.24	834415.77	6.00	356.00	0.00	0.00	0.35			
21	A	568838.68	834450.15	6.00	359.00	0.00	0.00	0.35			
22	A	568840.49	834482.34	6.00	342.00	0.00	0.00	0.35			
23	B	568845.01	834505.38	6.00	62.00	0.00	0.00	0.35			
24	A	568825.61	834507.92	6.00	94.00	0.00	0.00	0.35			
25	A	568798.22	834507.42	6.00	95.00	0.00	0.00	0.35			
26	A	568807.70	834520.79	6.00	215.00	0.00	0.00	0.35			
27	A	568850.71	834517.62	6.00	66.00	0.00	0.00	0.35			
28	A	568813.95	834534.16	6.00	69.00	0.00	0.00	0.35			
29	A	568905.92	834364.41	6.00	347.00	0.00	0.00	0.35			
30	C	568921.82	834367.94	6.00	169.00	0.00	0.00	0.35			
31	A	568907.75	834393.59	6.00	357.00	0.00	0.00	0.35			
32	C	568923.33	834410.50	6.00	181.00	0.00	0.00	0.35			
33	A	568908.02	834428.08	6.00	0.00	0.00	0.00	0.35			
34	C	568924.02	834444.62	6.00	177.00	0.00	0.00	0.35			
35	B	568907.35	834461.64	6.00	347.00	0.00	0.00	0.35			
36	C	568923.73	834466.31	6.00	269.00	0.00	0.00	0.35			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
Ex-9139	D	568956.83	834405.53	8.00	179.00	5.00	0.00	0.35			
Ex-9117	D	568955.71	834428.62	8.00	174.00	5.00	0.00	0.35			
Ex-9155	D	568957.28	834518.56	8.00	174.00	5.00	0.00	0.35			
Ex-9082	E	568956.88	834485.75	6.00	267.00	5.00	0.00	0.70			
41	F	568943.04	834474.23	8.00	1.00	0.00	0.00	0.40			
Ex-9090	G	568956.08	834378.72	8.50	125.00	5.00	0.00	1.50			
Ex-9143	D	568947.57	834331.65	8.00	164.00	5.00	0.00	0.40			
44	G	568942.86	834306.70	8.50	161.00	5.00	0.00	1.50			
Ex-9094	G	568931.99	834259.32	8.50	161.00	5.00	0.00	1.50			
Ex-9170	G	568921.44	834222.48	8.50	161.00	5.00	0.00	1.50			
47	A	568820.90	834523.47	6.00	111.00	0.00	0.00	0.35			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.88
Emin	1.30
E _{max}	42.04
Emin/E _{max}	0.03
Emin/Eav	0.22