

DATE: 3 September 2021
DESIGNER: Designs For Lighting (TP)
PROJECT No: 1956
PROJECT NAME: Keystone Centre, Wick, Littlehampton - Indicative Light Spill Diagram



- > Indicative light spill diagram.
- > Not for construction.
- > Initial light levels shown.
- > Light spill diagram does not consider blocking or shading effects of light limiting objects and represents horizontal light spill at ground floor level.
- > Light spill diagram to be read in conjunction with Lighting Strategy: 1956-DFL-ELG-XX-RP-EO-13001-S3.
- > All luminaires to equal 4000K maximum CCT in accordance with the West Sussex Adoptable Specification.

Isolux contours shown:
5.00 Lux - Cyan
1.25 Lux - Pink
0.20 Lux - Black

Outdoor Lighting Report

PREPARED BY: Designs for Lighting Ltd
17 City Business Centre
Hyde Street
Winchester
Hampshire
SO23 7TA
United Kingdom



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	Plan View	501786.40	102859.48	201.17	226.38	1.49	1.50
2	Car Parking	501878.40	103004.11	23.70	26.15	1.48	1.45
3	Access Footpath	501876.54	102993.32	3.67	31.31	1.22	1.49
4	Rear of Properties on Clun...	501915.50	103037.90	67.48	5.00	1.50	1.25

Luminaires

Luminaire A Data



Supplier	Philips
Type	BGP702 DS51
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	4.60
File Name	Luma Gen2 Micro_BGP702_DS51_4600_20LED_5.2S_CLO_L90_740.ies
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	372.0, 40.6, 0.0
No. in Project	2

Luminaire B Data



Supplier	Urbis Schreder
Type	INDU WALL PACK 1 6550 Integrated lenses 24 LM302D@88mA NW 8
Lamp(s)	24 LM302D@88mA NW 840 230V
Lamp Flux(klm)/Colour	1.87 NW 4000K/80
File Name	INDU WALL PACK 1 6550 24 LM302D 88mA NW 840 15W 450172 Integrated lenses ...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	301.4, 52.3, 7.4
No. in Project	11

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	501879.49	103025.32	6.00	297.00	0.00	0.00	0.45			
2	A	501889.19	103005.44	6.00	101.00	0.00	0.00	0.45			
3	B	501899.78	103007.80	2.00	27.00	0.00	0.00	0.00			
4	B	501906.57	102995.93	2.00	27.00	0.00	0.00	0.00			
5	B	501904.64	102990.38	2.00	300.00	0.00	0.00	0.00			
6	B	501895.90	102986.57	2.00	301.00	0.00	0.00	0.00			
7	B	501886.74	102981.93	2.00	280.00	0.00	0.00	0.00			
8	B	501882.10	102982.87	2.00	191.00	0.00	0.00	0.00			
9	B	501880.26	102993.39	2.00	185.00	0.00	0.00	0.00			
10	B	501884.46	102994.72	2.00	100.00	0.00	0.00	0.00			
11	B	501893.66	102996.18	2.00	119.00	0.00	0.00	0.00			
12	B	501892.27	103003.03	2.00	203.00	0.00	0.00	0.00			
13	B	501894.14	103008.60	2.00	121.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Plan View

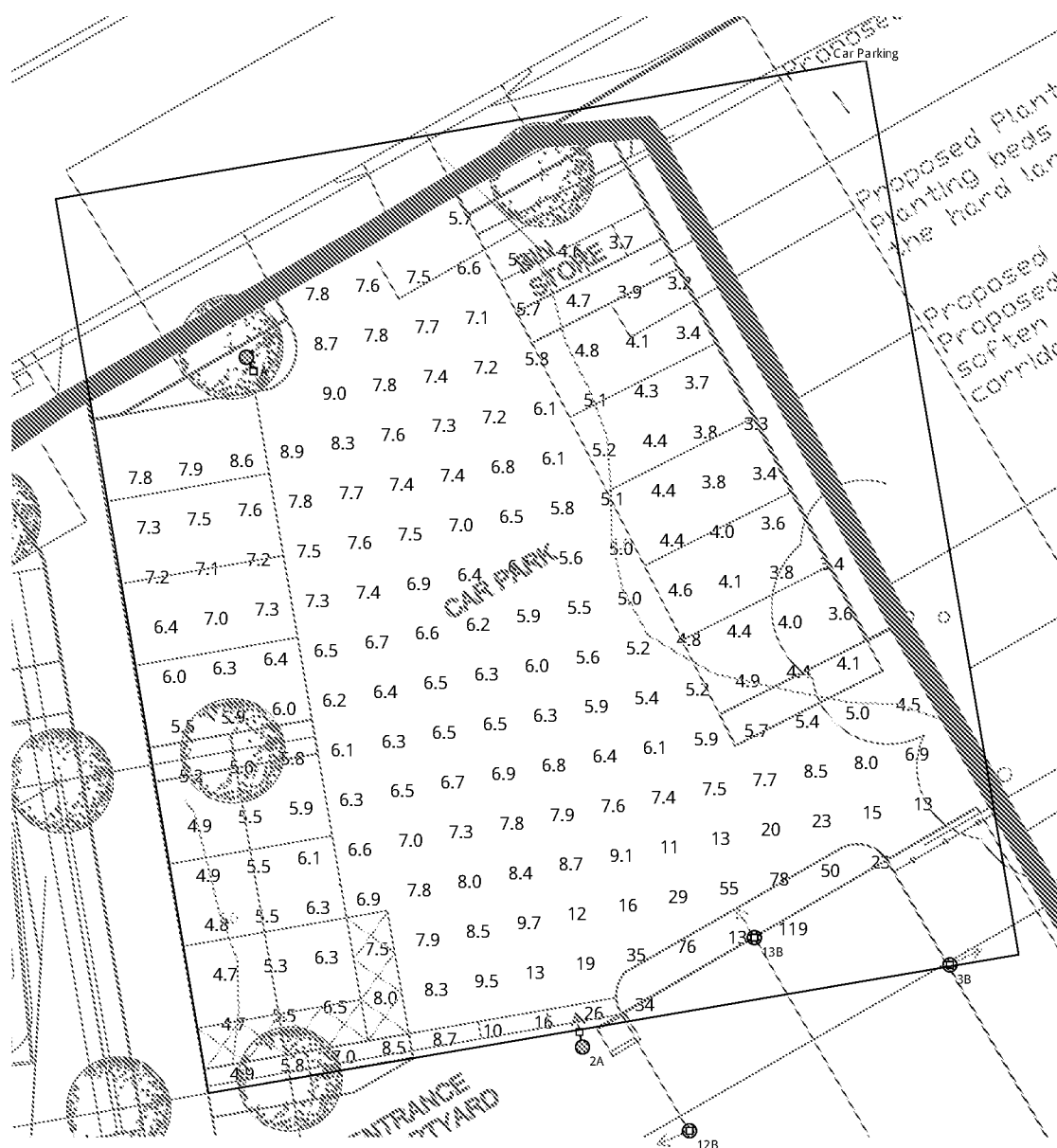


Results

E _{av}	12.44
E _{min}	3.25
E _{max}	134.80
E _{min} /E _{max}	0.02
E _{min} /E _{av}	0.26

Horizontal Illuminance (lux)

Car Parking

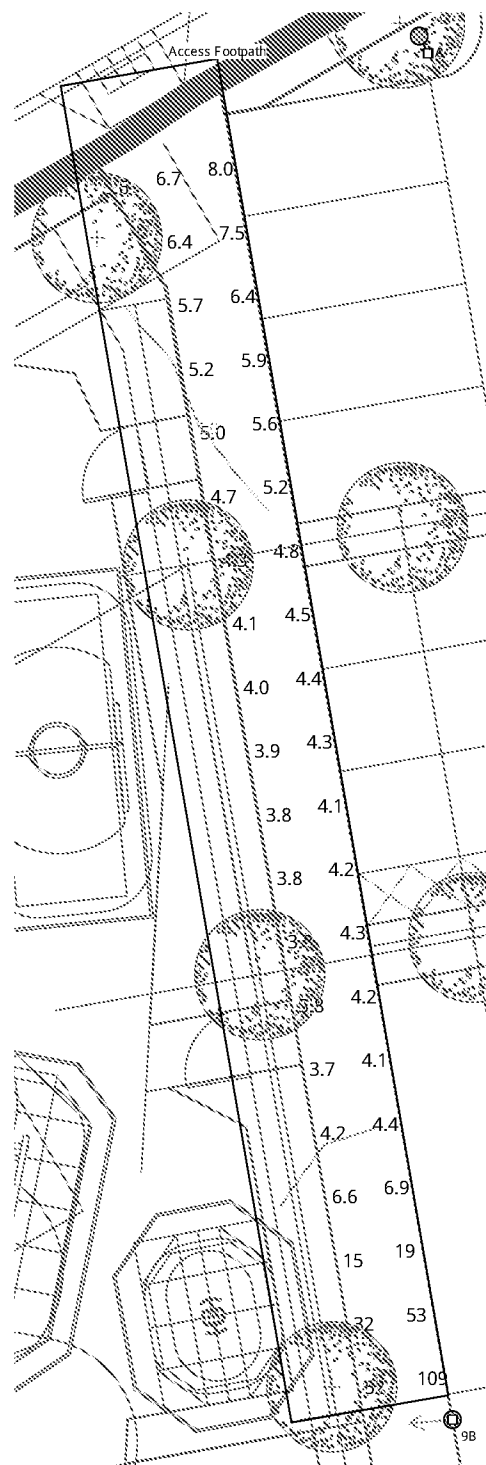


Results

Eav	9.80
Emin	3.22
E max	135.82
Emin/E max	0.02
Emin/E av	0.33

Horizontal Illuminance (lux)

Access Footpath



Results

E _{av}	11.06
E _{min}	3.71
E _{max}	109.26
E _{min} /E _{max}	0.03
E _{min} /E _{av}	0.34

Illuminance (lux)

Rear of Properties on Clun Road

[illegible]

Results

E _{av}	0.04
E _{min}	0.00
E _{max}	0.12
E _{min} /E _{max}	0.04
E _{min} /E _{av}	0.13