

DATE: 10 August 2015
DESIGNER: K.Grant
PROJECT No: E-F1682.00
PROJECT NAME: Furniss Way, Hayling Island



Target Levels for lighting class S3:
Eave 7.5lux
Emin: 1.5lux

Lighting design has been completed in compliance with BS5489, BS13201 and the obtrusive/spill light limits stated in ILP PLG04 Environment Class E3.

Outdoor Lighting Report

PREPARED BY: Opus International
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Bond Avenue
Milton Keynes
MK1 1SW

Tel: +44 01908 373 383
website: <http://www.opusinternational.co.uk/>

Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

No.	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	470900.13	99696.96	111.24	179.18	1.50	1.49
2	S38 - Main Works	470989.84	99648.56	208.58	215.18	1.40	1.49
3	S278 Works	470895.97	99647.61	206.13	99.15	1.49	1.48

Luminaires

Luminaire A Data

Supplier	
Type	2685 CNN-G#
Lamp(s)	1 MT 60 6800 2800 PGZ12
LampFlux(klm)/Colour	6.80 2800 / 70
File Name	Arc 2685 CNN G# 1 MT 60 6800 2800 PG Z12.ltd
Maintenance Factor	0.82
Lum. Int. Class	G3
Lamp S/P Ratio	0.00
No. in Project	5

Luminaire B Data

Supplier	
Type	MiniLuma R6
Lamp(s)	12-30 DS-NW 1 1100-7850 NW LED
LampFlux(klm)/Colour	1.60 NW/70
File Name	MiniLuma R6 DS-NW 1 1600 NW LED.ltd
Maintenance Factor	0.82
Lum. Int. Class	G4
Lamp S/P Ratio	0.00
No. in Project	15

Luminaire E Data

Supplier	
Type	2566 PNN#
Lamp(s)	1 FSD 36 2900 4000 2G11
LampFlux(klm)/Colour	2.90 6500 / 82
File Name	Libra 2566 PNN# 1 FSD 36 2900 4000 2G 11.ltd
Maintenance Factor	0.82
Lum. Int. Class	G2
Lamp S/P Ratio	0.00
No. in Project	7

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	E	470934.21	99728.83	6.00	253.00	5.00	0.00	0.50			
2	E	470915.45	99722.12	6.00	71.00	5.00	0.00	0.50			
3	E	470950.00	99710.43	6.00	79.00	5.00	0.00	0.50			
4	E	470973.73	99705.35	6.00	78.00	5.00	0.00	0.50			
5	E	471013.07	99705.89	6.00	254.00	5.00	0.00	0.50			
6	E	471042.37	99681.65	6.00	57.00	5.00	0.00	0.50			
7	E	471074.73	99674.65	6.00	239.00	5.00	0.00	0.50			
8	A	470963.17	99737.49	8.00	340.00	0.00	0.00	0.60			

Layout Continued

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
9	A	470969.21	99768.98	8.00	355.00	0.00	0.00	0.60			
10	A	470971.16	99806.25	8.00	357.00	0.00	0.00	0.60			
11	A	470973.11	99847.60	8.00	357.00	0.00	0.00	0.60			
12	A	470972.30	99830.25	8.00	354.00	0.00	0.00	0.60			
13	B	471030.66	99718.27	6.00	353.00	0.00	0.00	0.40			
14	B	471052.17	99743.16	6.00	172.00	0.00	0.00	0.40			
15	B	471040.50	99769.00	6.00	353.00	0.00	0.00	0.40			
16	B	471053.73	99795.64	6.00	170.00	0.00	0.00	0.40			
17	B	471057.56	99822.92	6.00	170.00	0.00	0.00	0.40			
18	B	471050.66	99844.49	6.00	349.00	0.00	0.00	0.40			
19	B	471084.52	99829.88	6.00	261.00	0.00	0.00	0.40			
20	B	471108.66	99826.81	6.00	266.00	0.00	0.00	0.40			
21	B	471147.66	99839.98	6.00	170.00	0.00	0.00	0.40			
22	B	471135.12	99789.16	6.00	347.00	0.00	0.00	0.40			
23	B	471134.20	99811.93	6.00	82.00	0.00	0.00	0.40			
24	B	471132.61	99744.79	6.00	82.00	0.00	0.00	0.40			
25	B	471133.91	99767.06	6.00	354.00	0.00	0.00	0.40			
26	B	471105.97	99753.63	6.00	83.00	0.00	0.00	0.40			
27	B	471075.12	99757.33	6.00	82.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1

