

DATE: 28 June 2018
DESIGNER: JRV
PROJECT No: 5782:LD01
PROJECT NAME:



Lighting Class P6
Preliminary Design - Subject to WSCC's Approval

Outdoor Lighting Report

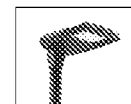
PREPARED BY: Design Software from:
Lighting Reality Ltd
Park Business Centre
Wood Lane
Erdington
Birmingham
B24 9QR
United Kingdom

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 5279.1m x 977.9m
Area 124.6m x 145.0m
Sample Spacing 1.25m x 1.45m

Luminaires



Luminaire A Data

Supplier	Philips
Type	2565 PNN L4
Lamp(s)	1 FSD 36 2900 4000 2G11
LampFlux(klm)/Colour	2.90 4000/85
File Name	Libra 2565 PNN L4 1 FSD 36 2900 4000 2G11.ltd
Maintenance Factor	0.75
Imax70,80,90(cd/klm)	166.0, 84.0, 6.0
Lamp S/P Ratio	1.61
No. in Project	2

Luminaire B Data

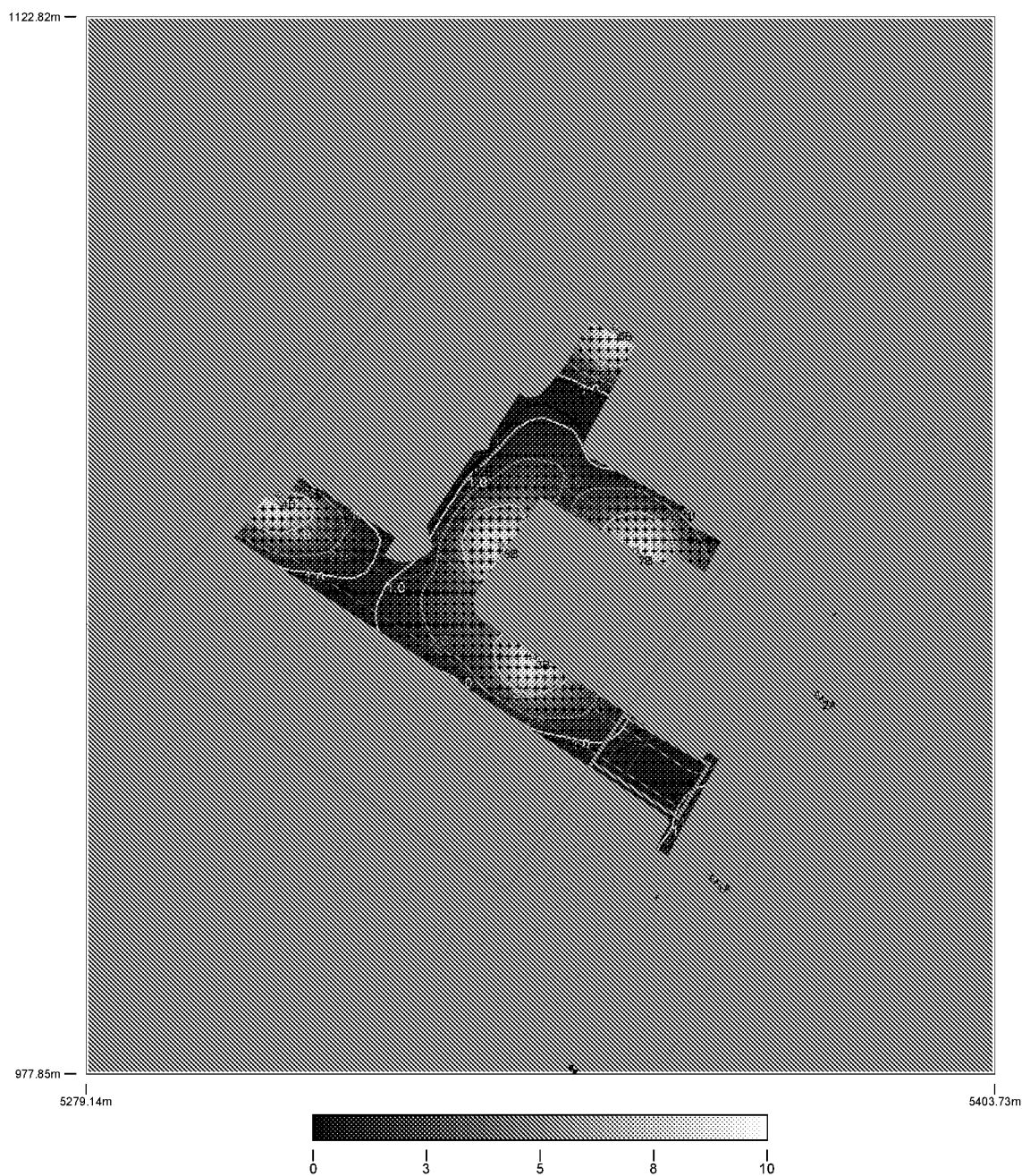
Supplier	Philips
Type	MICROLuma R4 /NW
Lamp(s)	4000k NW LED
Lamp Flux (klm)	1.80
File Name	Luma Micro_BGP615_R4_1800_12LED_298mA_C_CLO L90_NW.ies
Maintenance Factor	0.75
Imax70,80,90(cd/klm)	528.3, 31.5, 0.0
Lamp S/P Ratio	1.61
No. in Project	5

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	5365.25	1004.65	6.00	149.00	5.00	0.00	0.30			
2	A	5379.65	1029.77	6.00	145.00	5.00	0.00	0.30			
3	B	5340.44	1035.22	6.00	240.00	5.00	0.00	0.30			
4	B	5305.56	1057.29	6.00	243.00	5.00	0.00	0.30			
5	B	5336.00	1050.46	6.00	148.00	5.00	0.00	0.30			
6	B	5351.73	1080.32	6.00	245.00	5.00	0.00	0.30			
7	B	5354.50	1049.57	6.00	58.00	5.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	2.64
Emin	0.41
Emax	8.84
Emin/Emax	0.05
Emin/Eav	0.15