

DATE: 25 June 2020
DESIGNER: Sebastian Jaworski
PROJECT No: E19/2139
PROJECT NAME: NORTHSIDE INFILL HOUSING



PHILIPS LUMA MICRO BGP615 DW50 2400LM 10LED 5.1S CLO
L90 NW 730
Designed in accordance with BS5489:2013 and EN13201-1:2013 to
lighting class P4 for development

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 25.2m x 23.1m
Area 36.8m x 28.3m
Sample Spacing 1.27m x 1.18m

Luminaires



Luminaire A Data

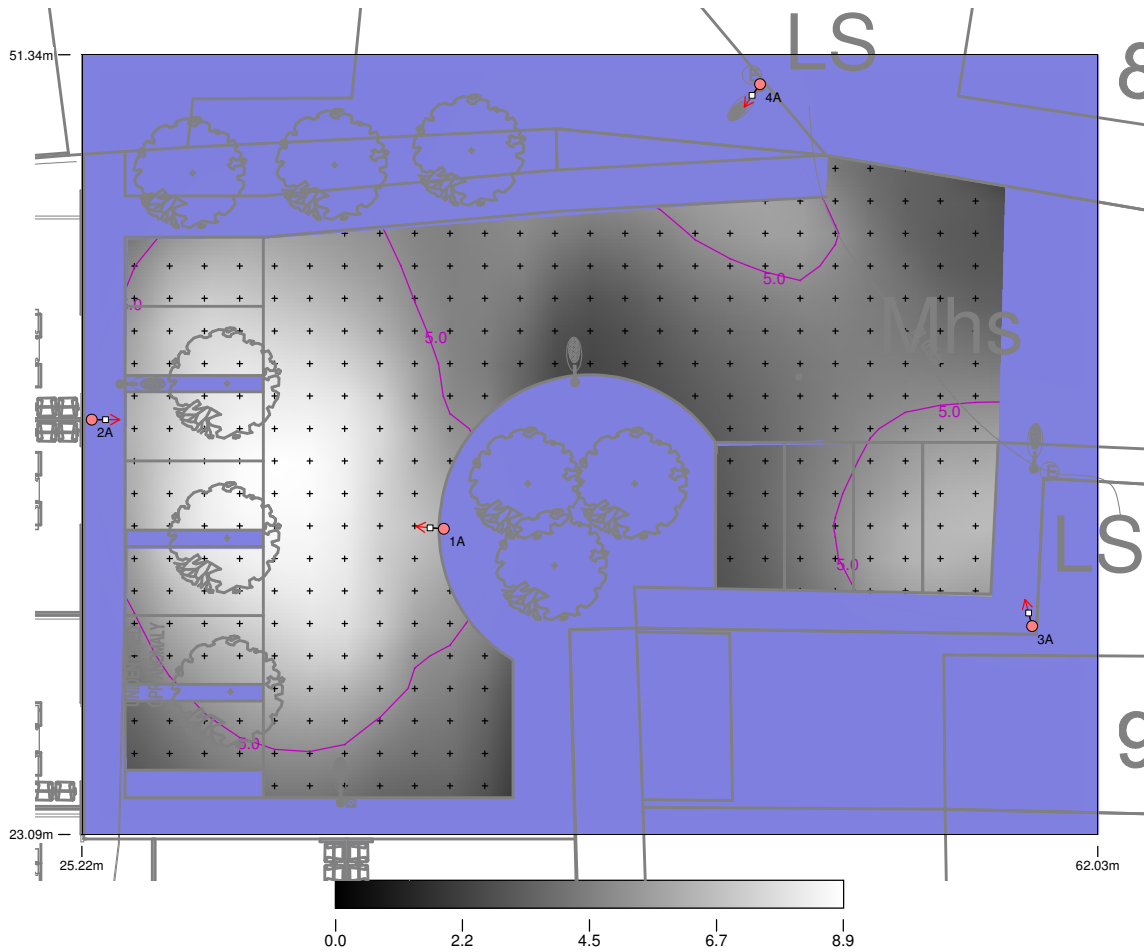
Supplier	Philips
Type	BGP615_DW50_2400_10LED_5.1S_CLO_L90_NW
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	2.40
File Name	Luma Micro: BGP615_DW50_2400_10LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	616.7, 39.5, 0.0
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	38.33	34.16	6.00	175.00	-1.00	0.00	0.50			
2	A	25.58	38.12	6.00	0.00	0.00	0.00	0.50			
3	A	59.64	30.64	6.00	105.00	0.00	0.00	0.50			
4	A	49.79	50.27	6.00	235.00	0.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.46
Emin	2.49
Emax	8.91
Emin/Emax	0.28
Emin/Eav	0.46