

DATE: 31 October 2022
DESIGNER: SHD Lighting Consultancy Ltd
PROJECT No: SHD758
PROJECT NAME: off Louisa Street, Manchester



CAD layout reference: Engineering Layout

Lighting classification: P4 (BS 5489-1:2020, Table A.5)

Minimum maintained average illuminance (Eav): >5.00 lux <7.50 lux

Minimum illuminance (Emin): >1.00 lux

Lighting uniformity (Emin/Eav): >0.20 (20%)

Outdoor Lighting Report

PREPARED BY: SHD Lighting Consultancy Ltd
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Website: www.shdlighting.co.uk

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 388498.1m x 397558.9m
Area 184.0m x 113.6m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

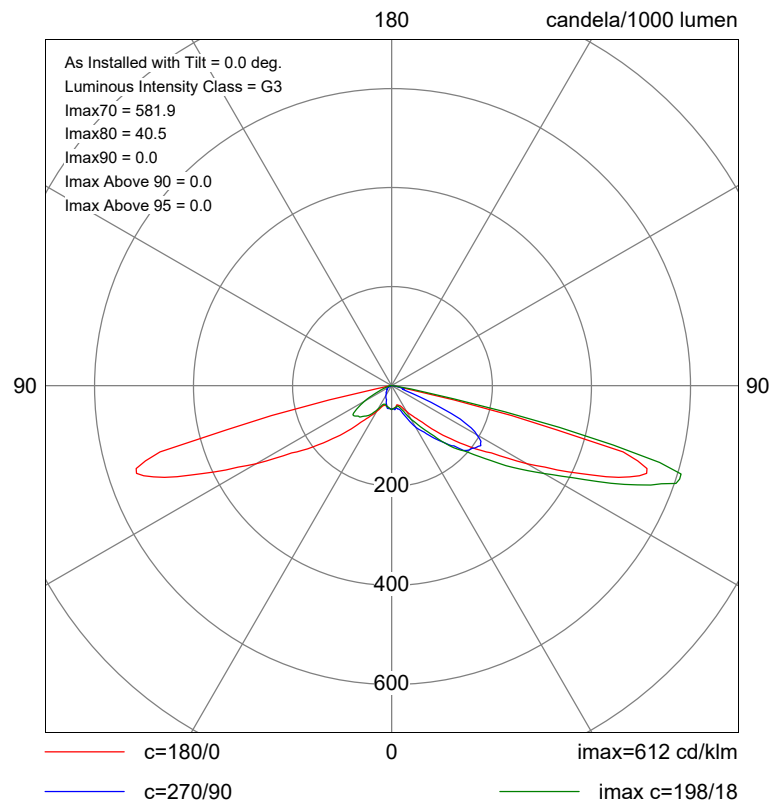
Supplier	Philips BL
Type	BGP703 DW50 BL1
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	9.00
File Name	Luma Gen2 Mini_BGP703_DW50 BL1_900 0_40LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.76
Lum. Int. Class	G3
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Dimmed to	Target X	Target Y	Target Z
1	A	388634.39	397641.26	6.00	118.00	0.00	0.00	0.40	70%			
2	A	388600.45	397616.42	6.00	117.00	0.00	0.00	0.40	70%			
3	A	388564.07	397605.42	6.00	25.00	0.00	0.00	0.40	70%			

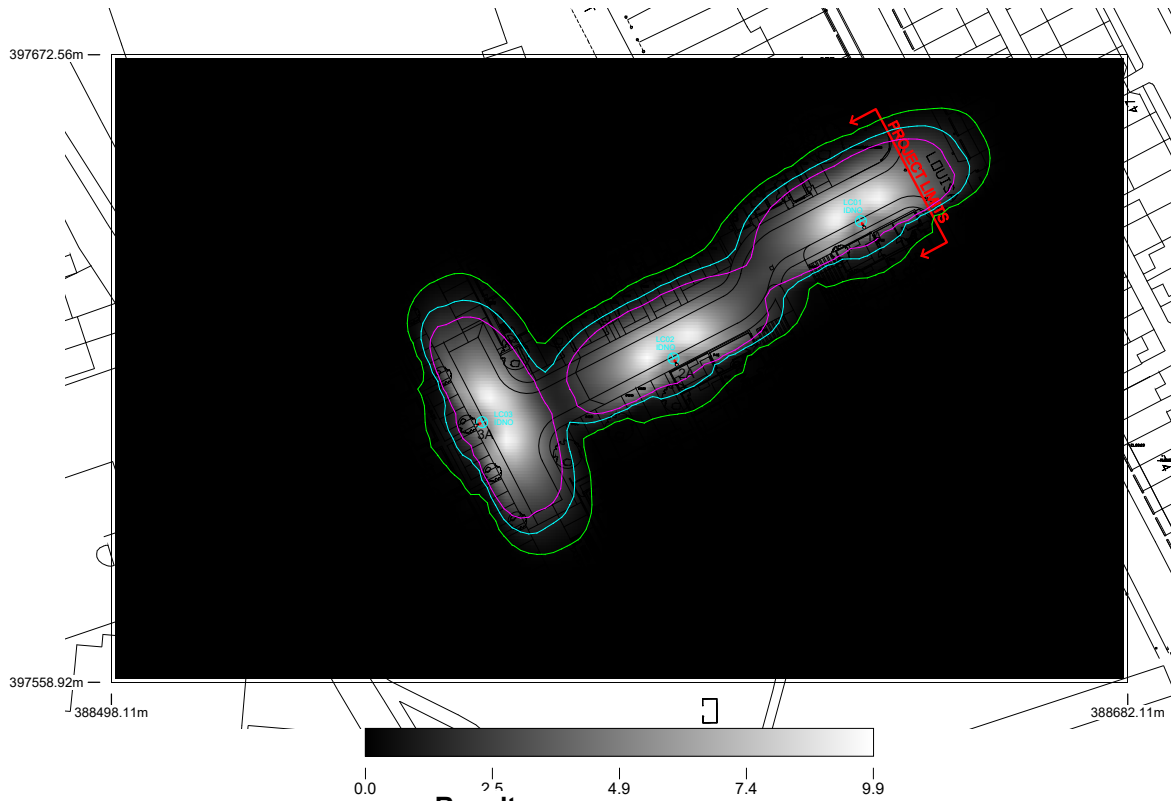
Polar Diagram

Luminaire A BGP703 DW50 BL1



Horizontal Illuminance (lux)

Grid 1: Lighting Class P4



Results

Eav	5.00
Emin	1.00
Emax	9.89
Emin/Emax	0.10
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 1: Lighting Class P4



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