

23.09.2025

DATE: 8 July 2025
DESIGNER: Mohammed Shakeel
PROJECT No: TP2560084
PROJECT NAME: S38 Fairhaven, Kirkby in Ashfield

LIGHTING
REALITY

Location: Fairhaven, Kirkby in Ashfield
Column Height/Mounting: 6m post top 0 degrees
Lantern Manufacturer: Philips
Lantern Model: LumiStreet Gen2 Micro
Matrix Reference:
BGP291_DM52_2200_20LED_5.2S_CLO_L90_730.ies
Design Classification: P4 of BS5489-1: 2020

Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 184301.4m x 127635.9m
Area 107.4m x 76.3m
Sample Spacing 1.49m x 1.50m

Luminaires



Luminaire A Data

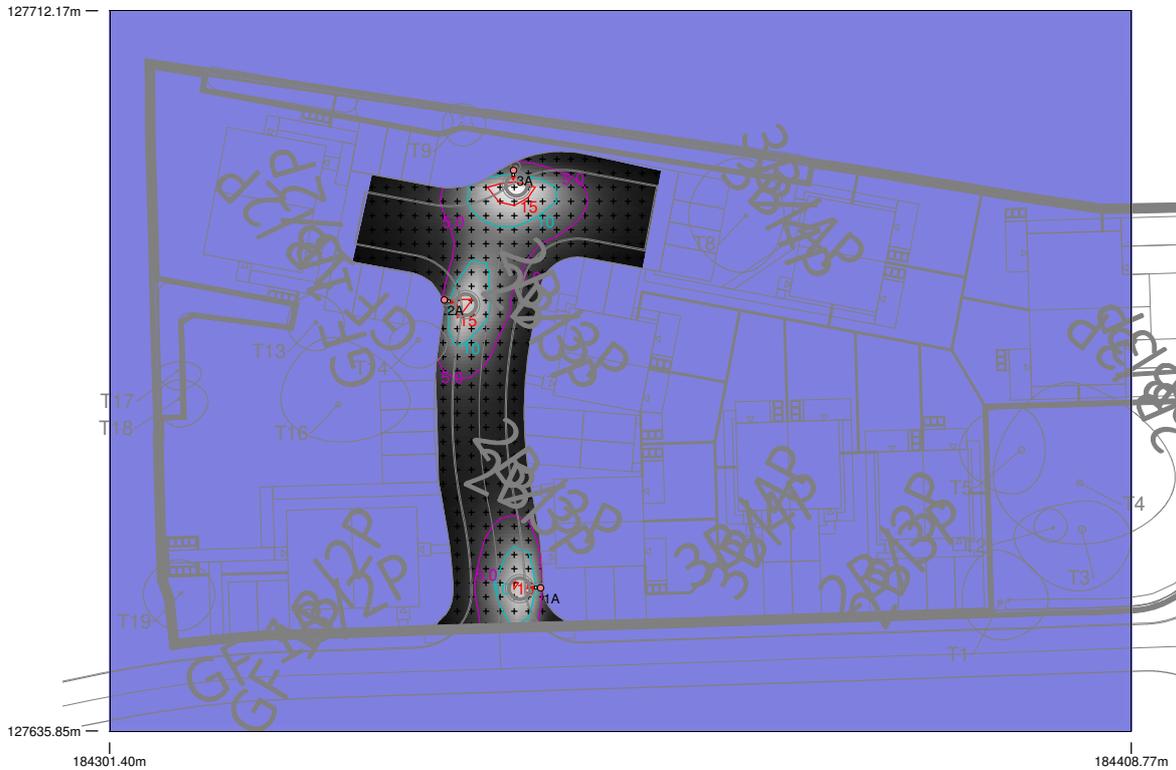
Supplier	Philips
Type	BGP291 DM52
Lamp(s)	LED-HB 5.2S 730
LampFlux(klm)/Colour	2.20 3000/70
File Name	LumiStreet Gen2 Micro_BGP291_DM52_2200_20LED_5.2S_CLO_L90_730.ltd
Maintenance Factor	0.89
Imax70,80,90(cd/klm)	682.8, 72.8, 0.3
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	184346.68	127651.04	6.00	178.00	0.00	0.00	0.50			
2	A	184336.56	127681.53	6.00	345.00	0.00	0.00	0.50			
3	A	184343.82	127695.27	6.00	269.00	0.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.31
Emin	1.01
Emax	18.61
Emin/Emax	0.05
Emin/Eav	0.19