

DATE: 30 July 2022
DESIGNER: SHD Lighting Consultancy Ltd
PROJECT No: SHD666
PROJECT NAME: Hillcrest View, Huddersfield



CAD layout reference: 00 M4419 90 01L Site layout

Lighting classification: P5 (BS 5489-1:2020, Table A.5)

Minimum maintained average illuminance (Eav): >3.00 lux <4.50 lux

Minimum illuminance (Emin): >0.60 lux

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

Outdoor Lighting Report

PREPARED BY: SHD Lighting Consultancy Ltd
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 50.1m x -2.1m
Area 75.0m x 110.9m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

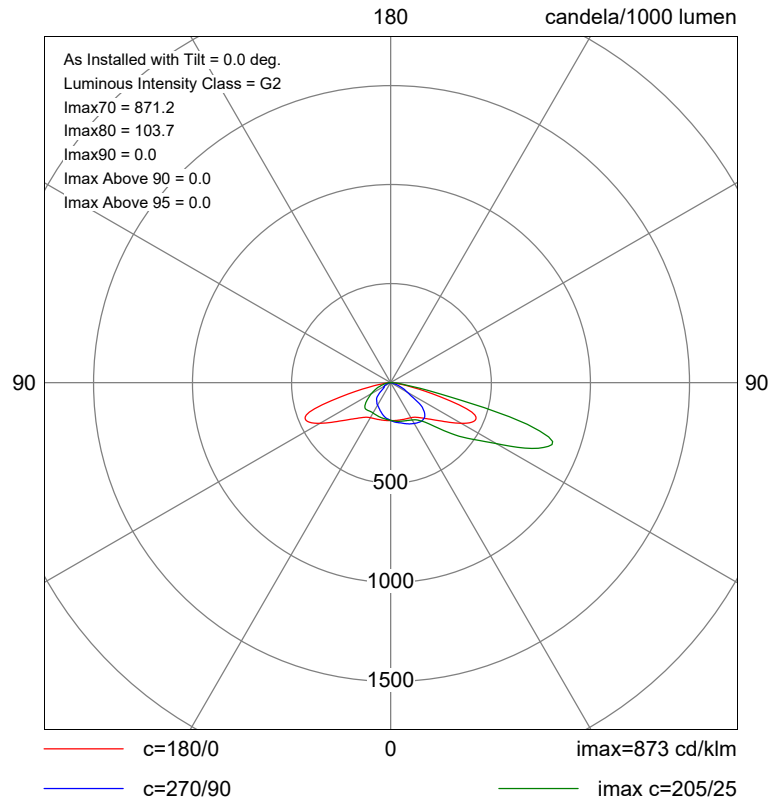
Supplier	Kirklees
Type	IGNIS mini - 20 LEDs, MPH, 4000K, 0203m A, Opt2
Lamp(s)	OSRAM SQUARE CRI70 SPR1.57 4000K N7
LampFlux(klm)/Colour	2.17 4000/70
File Name	LED6 2021-IGNIS mini 20 MPH 4.0_70_20 3_2168_2.LDT
Maintenance Factor	0.84
Lum. Int. Class	G2
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	92.54	22.65	6.00	9.00	0.00	0.00	0.40			
2	A	78.11	49.15	6.00	32.00	0.00	0.00	0.40			
3	A	81.38	74.83	6.00	241.00	0.00	0.00	0.40			

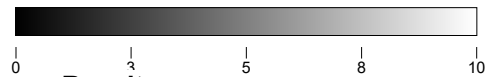
Polar Diagram

Luminaire A IGNIS mini - 20 LEDs, MPH, 4000K, 0203mA, Opt2



Horizontal Illuminance (lux)

Grid 1: Lighting Class P5

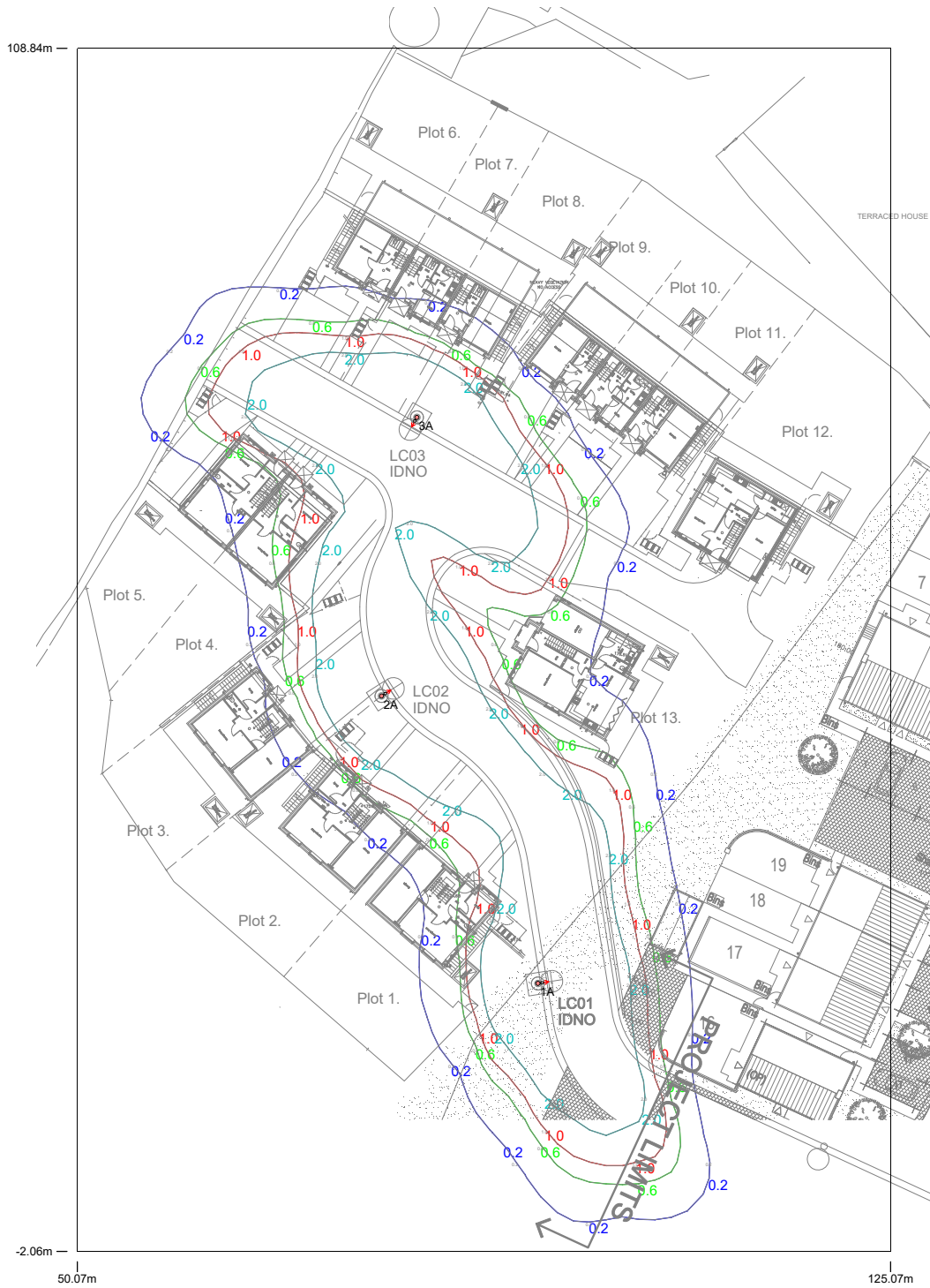


Results

Eav	4.15
Emin	0.83
Emax	10.04
Emin/Emax	0.08
Emin/Eav	0.20

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