

DATE: 27 January 2024
DESIGNER: SHD Lighting Consultancy Ltd
PROJECT No: SHD1349
PROJECT NAME: off Arlecdon Parks Road



CAD layout reference: K40828-05, 06 Access Road and Details

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 304984.6m x 518623.5m
Area 72.0m x 71.9m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

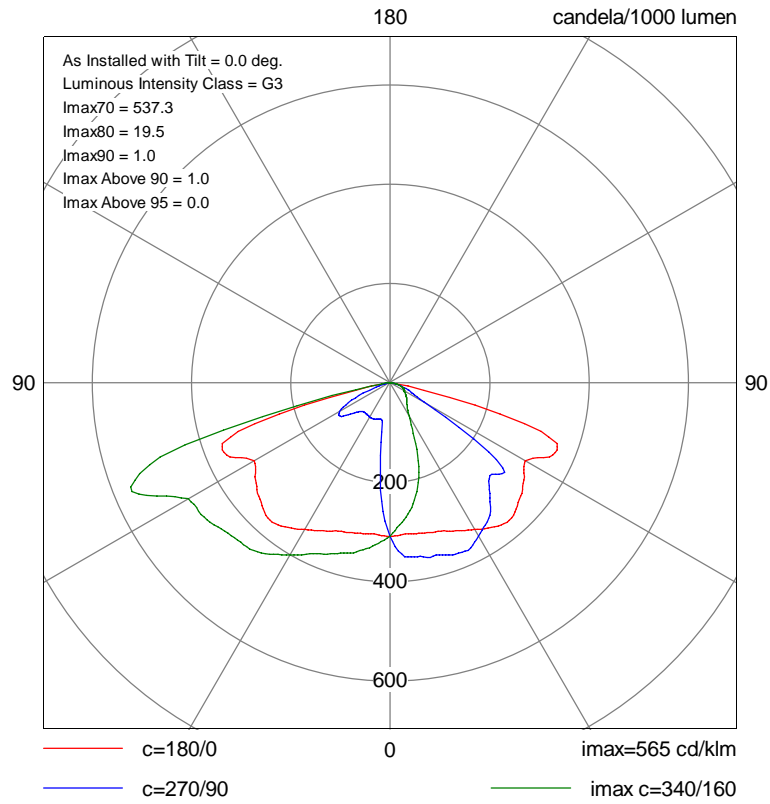
Supplier	ASD Lighting
Type	HWD2-#3K04 500-S4-CLO Gen 5
Lamp(s)	LED 3000K
LampFlux(klm)/Colour	0.79 3000/72
File Name	HWD2-#3K04 500-S4-CLO (8W).ldt
Maintenance Factor	0.84
Lum. Int. Class	G3
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	305029.16	518674.61	6.00	354.00	0.00	0.00	0.40			
2	A	305019.72	518658.06	6.00	336.00	0.00	0.00	0.40			
3	A	305028.88	518646.15	6.00	246.00	0.00	0.00	0.40			
4	A	305008.47	518653.29	6.00	255.00	0.00	0.00	0.40			

Polar Diagram

Luminaire A HWD2-#3K04 500-S4-CLO Gen 5



Horizontal Illuminance (lux)

Grid 1: Lighting Class P5



Results

Eav	3.22
Emin	1.04
Emax	6.54
Emin/Emax	0.16
Emin/Eav	0.32