

DATE: 15 May 2026
DESIGNER: SHD Lighting Consultancy Limited
PROJECT No: SHD2741
PROJECT NAME: Accrington Road



CAD layout reference: (NMA) 015 Proposed Planning Layout (M) 05.01.26

Car Parks lighting classification:
BS 5489-1: 2020, Table 4 & BS EN 12464-2:2014, Table 5.9

Maintained lighting levels for outdoor car parks
Light traffic: parking areas of shops, terraced and apartment houses, cycle parks
Minimum maintained average illuminance (Eav): >5.00 lux
Lighting uniformity (Emin/Eav) > 0.25 (25%)

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 373485.7m x 436058.1m
Area 72.0m x 72.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire B Data

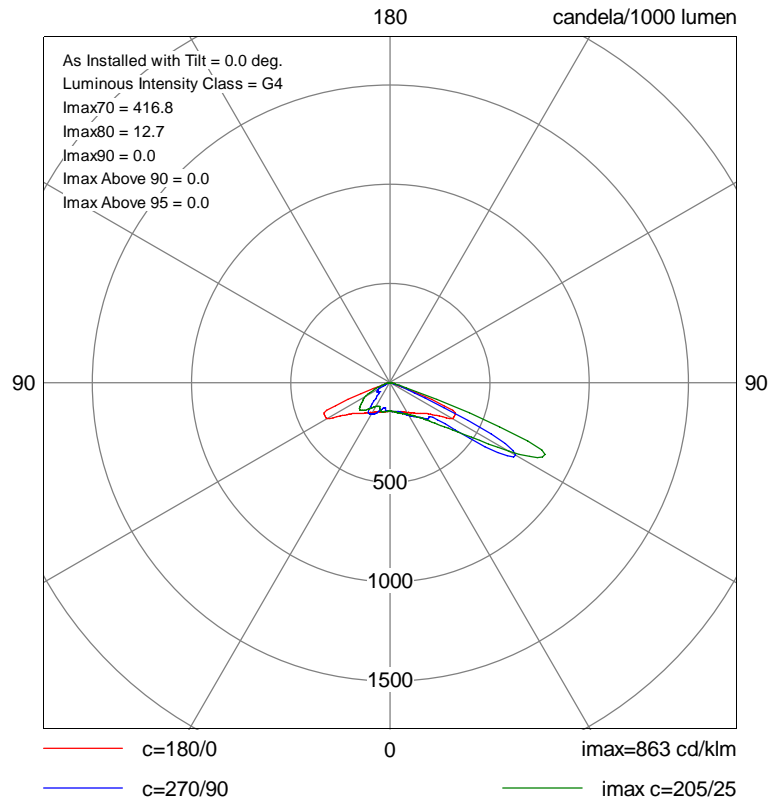
Supplier	Urbis Schreder
Type	AXIA 3.2 5293 Integrated lenses Rear louvers 24 OSLO SQUARE
Lamp(s)	24 OSLO SQUARE GIANT@300mA NW 74 0 230V 00-36-646
LampFlux(klm)/Colour	2.75 NW 4000K/70
File Name	AXIA 3.2 5293 24 OSLO SQUARE GIANT 3 00mA NW 740 22.4W 478962 Integrated len...
Maintenance Factor	0.84
Lum. Int. Class	G4
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	B	373538.01	436094.76	6.00	170.00	0.00	0.00	0.40			
2	B	373517.32	436102.05	6.00	256.00	0.00	0.00	0.40			
3	B	373512.15	436080.11	6.00	75.00	0.00	0.00	0.40			

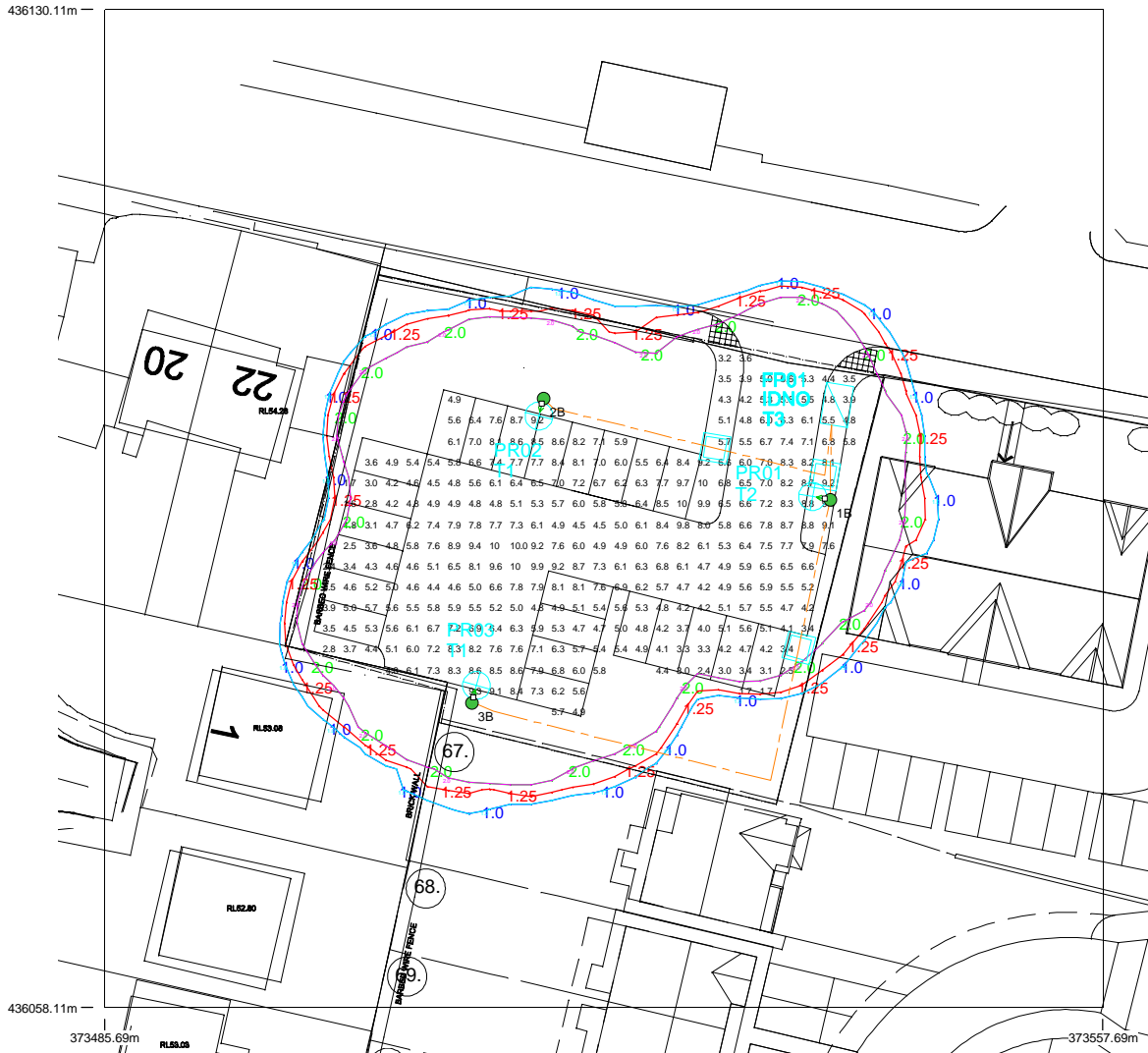
Polar Diagram

Luminaire B AXIA 3.2 5293 Integrated lenses Rear louvers 24 OSOLON SQUARE



Horizontal Illuminance (lux)

Grid 1: Light Traffic Car Park



Results

Eav	6.02
Emin	1.62
Emax	10.29
Emin/Emax	0.16
Emin/Eav	0.27