

DATE: 21 May 2026
DESIGNER: SHD Lighting Consultancy Limited
PROJECT No: SHD2808
PROJECT NAME: Whartons Garage



4m column with post top mounted at 0° tilt
Abacus S-LUM Gen 2 neutral white 60w LED luminaire.

Vertical calculation is 10m high from ground level, across the nearest facade
(House 14)

Maximum level of lux measures 9.06lx at ground level only.

1st floor window position approximately 4m from ground level, which measures
0.00lx across the vertical grid.

Outdoor Lighting Report

PREPARED BY: SHD Lighting Consultancy Ltd
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Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	20.28	38.00	101.81	75.00	1.50	1.50
2	Grid 2: House 14 Vertical ...	75.91	80.36	4.00	10.00	1.33	1.11

Luminaires

Luminaire A Data

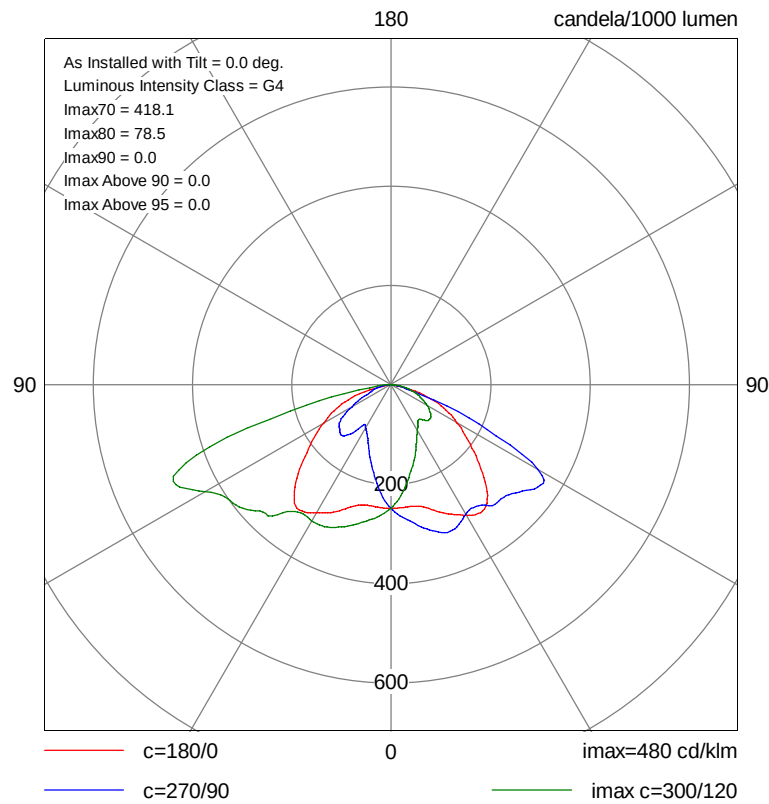
Supplier	Abacus
Type	AL61003_60_4K
Lamp(s)	LED 3900K
LampFlux(klm)/Colour	7.54 /1 B
File Name	AL61003_60_4K.lgt
Maintenance Factor	0.80
Lum. Int. Class	G4
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	75.43	91.63	4.00	327.00	0.00	0.00	0.40			

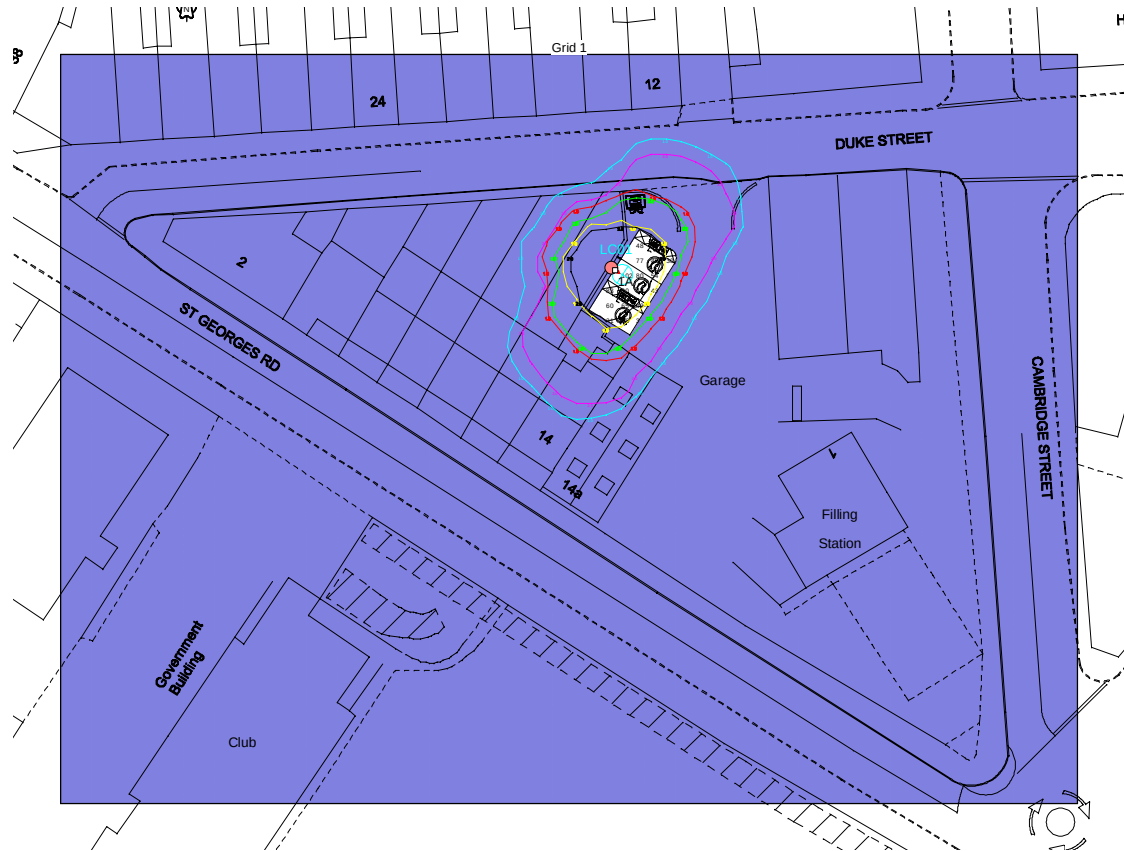
Polar Diagram

Luminaire A AL61003 60 4K



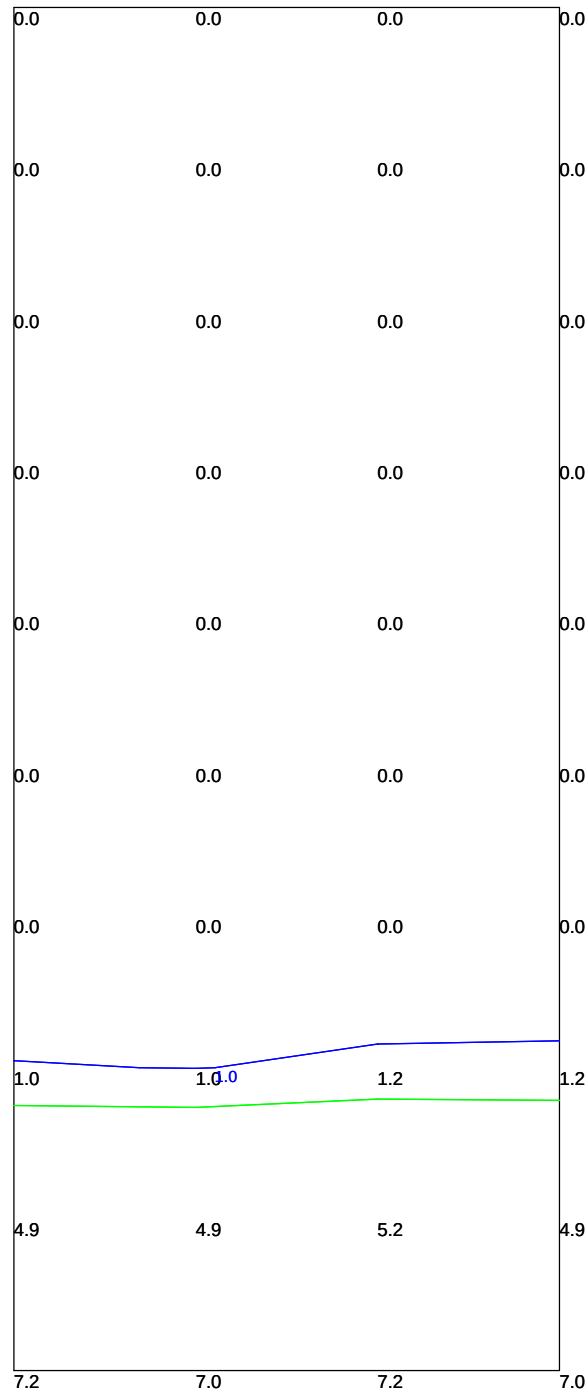
Horizontal Illuminance (lux)

Grid 1



Illuminance (lux)

Grid 2: House 14 Vertical Calc



Results

Eav	1.32
Emin	0.00
Emax	7.24
Emin/Emax	0.00
Emin/Eav	0.00