

DATE: 25 November 2019
DESIGNER: SS
PROJECT No: 21085
PROJECT NAME: Wrexham Road, Holt



21085-A-02
Footpath lighting
Lighting Class P5

Outdoor Lighting Report

PREPARED BY: Harttron Ltd
Units 3-3a
Second Avenue
Poynton Industrial estate
Poynton
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Sk12 1ND

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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	340703.10	353351.20	60.00	60.00	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	AMPERA MINI 5096 8 OSLO SQUARE GI ANT@350mA WW830 230V
Lamp(s)	8 OSLO SQUARE GIANT@350mA WW8 30 230V
Lamp Flux (klm)	1.19
File Name	AMPERA MINI 5096 8 OSLO SQUARE GI ANT 350mA WW830 10.3W 7x7 II-Medium...
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	658.3, 60.4, 0.0
No. in Project	1

Luminaire B Data

Supplier	
Type	AMPERA MINI 5117 8 OSLO SQUARE GI ANT@700mA NW740 230V Back
Lamp(s)	8 OSLO SQUARE GIANT@700mA NW74 0 230V
Lamp Flux (klm)	2.63
File Name	AMPERA MINI 5117 8 OSLO SQUARE GI ANT 700mA NW740 19.7W 7x5 II-Medium...
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	602.4, 49.5, 0.0
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	340715.78	353414.67	6.00	133.00	5.00	0.00	0.30			
2	B	340714.76	353382.07	6.00	135.00	5.00	0.00	0.30			
3	B	340720.05	353396.58	6.00	67.00	5.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.16
Emin	0.80
Emax	9.84
Emin/Emax	0.08
Emin/Eav	0.25