

DATE: 30 September 2025
DESIGNER: TL
PROJECT No: 26510
PROJECT NAME: Station Road, Ashwell



26510-A-01A

Lighting Class - P5

Outdoor Lighting Report

PREPARED BY: HDSLighting Ltd
East Wing, Second Floor
First Avenue
Poynton Industrial Estate
Poynton
Cheshire
SK12 1YP
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -4146.6m x 856.9m
Area 184.0m x 237.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

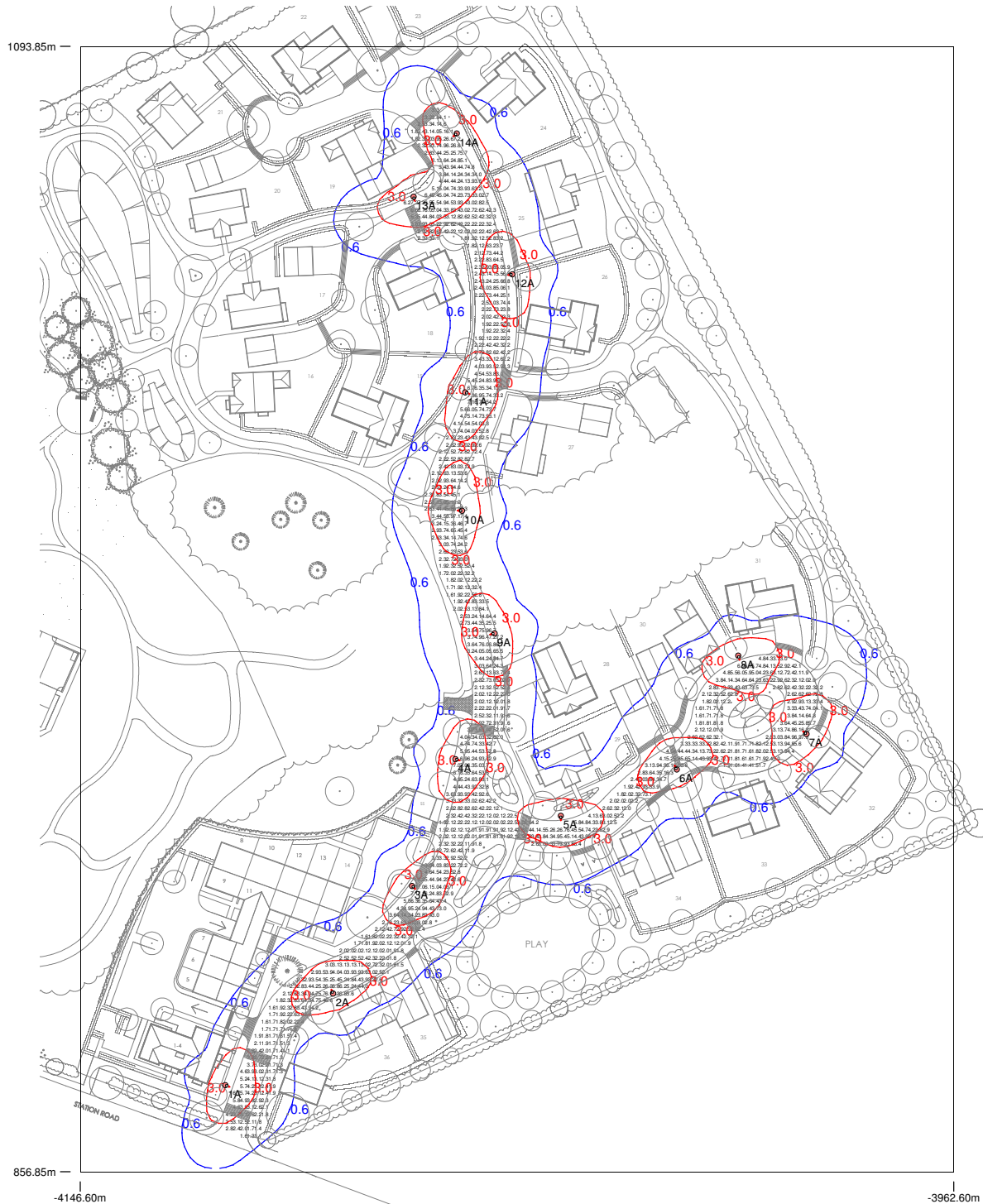
Supplier	Philips
Type	BGP702 DM70
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	2.00
File Name	Luma Gen2 Micro_BGP702_DM70_2000_10 LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	385.8, 389.0, 0.0
No. in Project	14

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	-4116.03	875.10	6.00	339.00	0.00	0.00	0.30			
2	A	-4093.38	894.40	6.00	113.00	0.00	0.00	0.30			
3	A	-4076.72	917.06	6.00	317.00	0.00	0.00	0.30			
4	A	-4067.61	943.77	6.00	344.00	0.00	0.00	0.30			
5	A	-4045.41	931.84	6.00	270.00	0.00	0.00	0.30			
6	A	-4021.00	941.55	6.00	117.00	0.00	0.00	0.30			
7	A	-3993.65	949.06	6.00	143.00	0.00	0.00	0.30			
8	A	-4008.03	965.54	6.00	287.00	0.00	0.00	0.30			
9	A	-4059.36	970.23	6.00	194.00	0.00	0.00	0.30			
10	A	-4066.18	996.06	6.00	178.00	0.00	0.00	0.30			
11	A	-4065.53	1020.95	6.00	343.00	0.00	0.00	0.30			
12	A	-4055.58	1045.85	6.00	190.00	0.00	0.00	0.30			
13	A	-4076.42	1062.20	6.00	287.00	0.00	0.00	0.30			
14	A	-4067.30	1075.51	6.00	219.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.37
Emin	1.08
Emax	7.44
Emin/Emax	0.15
Emin/Eav	0.32