

DATE: 8 August 2025
DESIGNER: KL
PROJECT No: 26035-A-01
PROJECT NAME: Winston & Cronton



26305-A-01

Lighting Classification: P6

Outdoor Lighting Report

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

e-mail: tom.lynch@hdsighting.com
website: www.hdsighting.com

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	2108.29	33.26	102.00	93.00	1.50	1.50
2	Grid 2	2151.75	57.00	48.00	45.00	1.50	1.50

Luminaires



Luminaire A Data

Supplier	Vision Illumination
Type	LKD-VAL-105050SP
Lamp(s)	1628 lm, 10 W
Lamp Flux (klm)	1.63
File Name	LKD-VAL-105050SP.IES
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	407.2, 110.1, 19.7
No. in Project	4

Luminaire B Data

Supplier	
Type	ALWP/1
Lamp(s)	
LampFlux(klm)/Colour	1.41 /0
File Name	ALWP-1 20W 3000K.Idt
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	284.3, 241.5, 198.6
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	2153.85	74.37	6.00	5.00	5.00	0.00	0.30			
2	A	2138.14	73.20	6.00	96.00	5.00	0.00	0.30			
3	A	2154.80	99.23	6.00	274.00	5.00	0.00	0.30			
4	A	2174.66	108.04	6.00	190.00	5.00	0.00	0.30			
5	B	2174.89	89.54	3.00	95.00	45.00	0.00	0.00			
8	B	2184.62	80.56	3.00	5.00	45.00	0.00	0.00			
9	B	2175.88	70.70	3.00	275.00	45.00	0.00	0.00			
12	B	2167.13	78.86	3.00	189.00	45.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.89
Emin	0.63
Emax	21.60
Emin/Emax	0.03
Emin/Eav	0.16