

DATE: 17 July 2023
DESIGNER: JL
PROJECT No: 24775
PROJECT NAME: Chain Road, Blackley



24775-A-01

Lighting Classification: P4

Outdoor Lighting Report

PREPARED BY: Harttron Ltd
Units 3-3a
Second Avenue
Poynton Industrial Estate
Poynton
Cheshire
SK12 1ND
United Kingdom

T:01625850855
F:01625850856

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -106.2m x -23.3m
Area 135.0m x 111.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	VMX.2.LA043.V1.F4Q1.W023
Lamp(s)	LED C.4000 Lumens
Lamp Flux (klm)	3.33
File Name	VMX.2.LA043.V1.F4Q1.W023.IES
Maintenance Factor	0.81
Imax70,80,90(cd/klm)	461.8, 69.9, 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	-33.01	20.97	6.00	81.00	0.00	0.00	0.30			
2	A	-68.73	28.01	6.00	78.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.45
Emin	1.03
Emax	11.72
Emin/Emax	0.09
Emin/Eav	0.19