

DATE: 31 March 2021
DESIGNER: WLC
PROJECT No: WLC481
PROJECT NAME: MILTON ROAD, DOVERCOURT

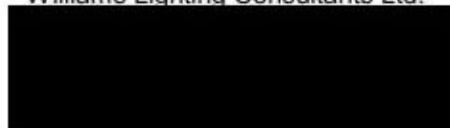


THE PROPOSALS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FOLLOWING TARGET LIGHTING CLASS(ES): LIGHT TRAFFIC CAR PARK IN ACCORDANCE WITH BS 5489:2020

LEVELS ACHIEVED:
REFER TO INDIVIDUAL GRID WITHIN REPORT.

WLC481-LC-AC-001

PREPARED BY: Williams Lighting Consultants Ltd.



Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 625755.0m x 231820.4m
Area 98.3m x 97.9m
Sample Spacing 1.49m x 1.48m

Luminaires

Luminaire A Data

Supplier	
Type	5MER04LBD-FT
Lamp(s)	1006B/CL1354/18-03L
Lamp Flux (klm)	4.00
File Name	5MER04LBD-FT.lvs
Maintenance Factor	0.75
Lum. Int. Class	G1
No. in Project	6

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	625794.98	231850.57	6.00	90.00	0.00	0.00	0.60			
2	A	625802.26	231887.24	6.00	268.00	0.00	0.00	0.60			
3	A	625821.25	231885.34	6.00	267.00	0.00	0.00	0.60			
4	A	625831.87	231868.33	6.00	176.00	0.00	0.00	0.60			
5	A	625818.21	231850.92	6.00	92.00	0.00	0.00	0.60			
6	A	625784.62	231875.81	6.00	355.00	0.00	0.00	0.60			

Horizontal Illuminance (lux)

CAR PARK



Results

Eav	7.78
Emin	1.97
Emax	18.58
Emin/Emax	0.11
Emin/Eav	0.25