



EXISTING

1 x 6m Columns Each Carrying the Following Luminaires:-
C: 1x AL62002 / 1 / 60 / 4K
Post Top
Lantern: 0°

 **3 x 6m Columns Each Carrying the Following Luminaires:-**
E: 1x AL62007 / 1 / 80 / 4K
Bracket projection: 0.5m
Lantern: 0°




 **1 x 6m Column Each Carrying the Following Luminaires:-**
F: 1x AL62007 / 1 / 80 / 4K
Bracket projection: 0.5m
Lantern: 0°
Please check the suitability of existing column (F23a) to carry a twin head.

HORIZONTAL ILLUMINANCE LEVELS

Plot D Carpark
Average Horizontal Illuminance (E.av): 23 lux
Minimum Horizontal Illuminance (E.min): 7 lux
Uniformity Ratio (E.min / E.av): 0.31

NEW



Lighting Schedule				Mounting		
Symbol	Tag	Qty	Description	Height (in)	Luminaire Watts	Luminaire Lumens
	A1	2	1 x ALU1003_40W_4K S.Lum Single Post Top Mounted Luminaire Elevation 0"	6	40	6077
	A2	1	2 x ALU1003_40W_4K S.Lum Twin Bracket Outranch 0.5M Luminaire Elevation 0"	6	40	6077
	B	2	1 x ALU1009_40W_4K S.Lum Single Post Top Mounted Luminaire Elevation 0"	6	40	6076

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Pix E Carpark	Illuminance	Lux	24.11	50	8	0.33	0.14

Area Summary		Calculation Grid Intervals	
Label	Total Wams	Label	Grid
Site Total	740	All grids	2m x 2m

Isoline Legend Fluorescence (Lux) Colour Value		Maintenance Factor 0.9 LED lifetime L80 (1000 h) > 60,000 hours L90 depreciation factor: 85/4889-1/2020 Table C.1 12 month cleaning intervals	Notes: This scheme has been designed based upon a flat and open area. Shadowing from obstructions have not been taken into account. Drawing converted from a CAD file, please check dimensions before ordering and installing. ISO contours and Obstruction Light calculated at initial lighting levels.
	2		
	5		
	10		
	20		
	50		

Maximum Allowable Value: 10 Lux

[illegible]

Locations of residential properties North of the site have been estimated

