

Dimensions are not to be scaled from this drawing

90°



Revision	Date	Description	Author



Label	Calc Type	Units	Avg	Max	Min	Min/Avg	Min/Max															
Car Park	Summance	Lux	7.92	19	2	0.25	0.11															
Lower Houses Verticals_Cd_Seg1	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg10	Obtrusive Light - Cd	N/A	3.70	19	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg4	Obtrusive Light - Cd	N/A	2.30	9	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg7	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg8	Obtrusive Light - Cd	N/A	1.29	5	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg9	Obtrusive Light - Cd	N/A	1.48	8	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg6	Obtrusive Light - Cd	N/A	1.88	23	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg2	Obtrusive Light - Cd	N/A	3.40	18	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg3	Obtrusive Light - Cd	N/A	5.14	28	0	0.00	0.00															
Lower Houses Verticals_Cd_Seg5	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg11	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg12	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg13	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg14	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg15	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg16	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg17	Obtrusive Light - Cd	N/A	0.00	0	0	N/A </tr <tr> <td>Lower Houses Verticals_Cd_Seg18</td> <td>Obtrusive Light - Cd</td> <td>N/A</td> <td>0.00</td> <td>0</td> <td>0</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Lower Houses Verticals_Cd_Seg19</td> <td>Obtrusive Light - Cd</td> <td>N/A</td> <td>0.00</td> <td>0</td> <td>0</td> <td>N/A</td> <td>N/A</td> </tr>	Lower Houses Verticals_Cd_Seg18	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A	Lower Houses Verticals_Cd_Seg19	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A
Lower Houses Verticals_Cd_Seg18	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															
Lower Houses Verticals_Cd_Seg19	Obtrusive Light - Cd	N/A	0.00	0	0	N/A	N/A															



Part of the LUCECO group of companies

BREEAM New Construction 2018 (UK)

D34051 - Chequersfield, Welwyn City Garden

City	Range	Light Source	Lamp Lumens	Circuit Watts	Lamp/W	LOR	Luminaire Lumens	ULOR	Upward Lumens	RA	Light Hour Per Day	Light Calculation for year
6	Table 1	300 100mA 1 Module	2290	21	107.14	100.0%	12540	0.0%	0	70	12	651.00

Total Installation Lumens: 12540.00

By Day	Target	Actual	Ratio
5.00%	0.02%	Pass	

Source Intensity (lumens)	Pass	Fail	
Pre curtain	31,000	26	Pass
Post curtain	1,000	26	Pass

Compliance Status	Pass	Fail
Pre 10 - Direction of night view pollution	Pass	
Pre 11 - Excessive night view pollution	Pass	
Pre 12 - Excessive night view pollution	Pass	

Kingfisher Lighting



For our LED lighting designs a 0.9mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly.



Kingfisher Lighting Ltd, Rectory Way, Green Farm Industrial Park, Welwyn Garden City, Herts, SG13 7JF. Tel: 01832 455 100 Fax: 01832 455 100

Project Title
Chequersfield, Welwyn City Garden

Scale
1:200 as AI

Date
05/03/19

Project No
E34051

Drawing No
E34051/1F/B

Lighting Designer
Tom Ford