

Memorial Hall Field, Sonning Common.

Obtrusive Lighting Assessment.

This lighting assessment shall be based on the guidance provided in Institution of Lighting Professionals (ILP) Guidance Note 01/20 - Guidance Notes for the reduction of obtrusive light.

Environmental Zone: E2

Lighting Intrusion, Ev (lux): Pre curfew: 5 lux / Post curfew: 1 lux

Luminaire Intensity I candelas (CD):

Specific viewed source intensity values per receptor in accordance with ILP GN01:2020 Table 4.

Date: 21.06.2021

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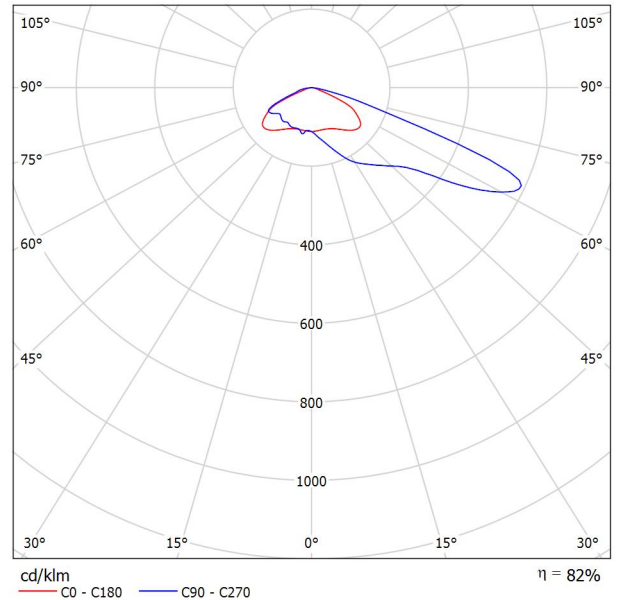
Table of contents

Memorial Hall Field, Sonning Common.	
Project Cover	1
Table of contents	2
PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	
Luminaire Data Sheet	3
DW Windsor Pharola DS	
Luminaire Data Sheet	4
PHILIPS BVP650 T25 DX50 LED360/- NO	
Luminaire Data Sheet	5
PHILIPS BVP650 T25 DX50 LED280/- NO	
Luminaire Data Sheet	6
Exterior Scene 1	
Planning data	7
Luminaire parts list	8
Luminous intensity calculation points (coordinates list)	9
Calculation surfaces (results overview)	11
Luminous intensity calculation points	
Sonning Grove Sensitive Receptor 4	
Summary	13
Ashford Avenue Sensitive Receptor 5.1	
Summary	16
Farm Close Sensitive Receptor 5.2	
Summary	19
Farm Close Sensitive Receptor 5.3	
Summary	22
Reade's Lane Sensitive Receptor 6	
Summary	25

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PHILIPS BVP651 T25 1 xLED500-4S/740 DX50 / Luminaire Data Sheet

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 27 62 96 100 82

ClearFlood Large – The best solution for 1:1 retrofit ClearFlood Large is designed to meet the requirements of a wide range of floodlighting applications. It also includes all the necessary control features and interfaces to make it future-proof and even more efficient. ClearFlood Large lets you choose the exact number of lumens you need for your application. Incorporating extremely high-efficiency optics and state-of-the-art LEDs, it is a highly competitive solution offering an outstanding lux/euro ratio and energy savings of up to 50% (without the use of additional controls). The wide choice of optics ensures maximum application coverage. ClearFlood Large is easy to install - you simply plug it in and select the best option for your needs. Perfect for replacing conventional technology and enabling intelligent lighting control while retaining the same electrical installation and poles.

Tailor made solution : For tuned project solutions Philips can support with the exclusive L-Tune tool : build required flux to the best balance of life, maintained flux, energy, cost and product type.

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

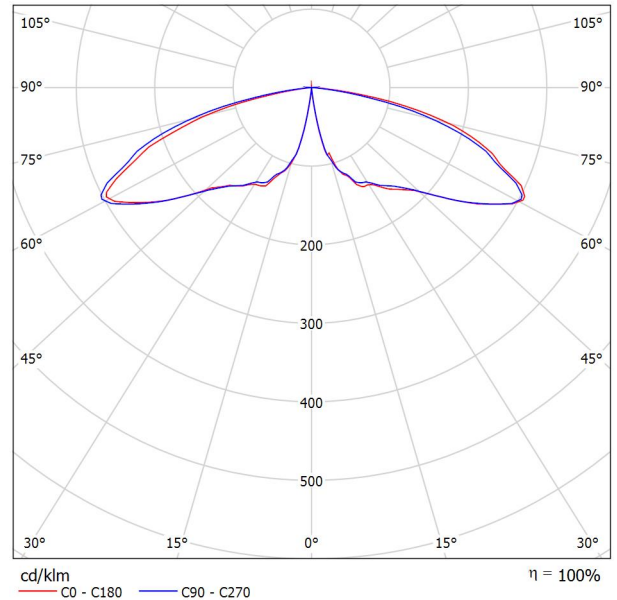


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DW Windsor Pharola DS / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 21 53 90 100 99

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

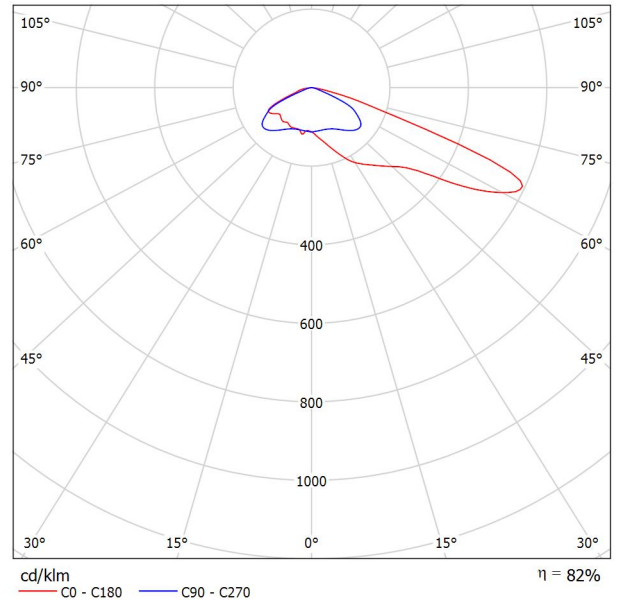


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PHILIPS BVP650 T25 DX50 LED360/- NO / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 27 62 96 100 82

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

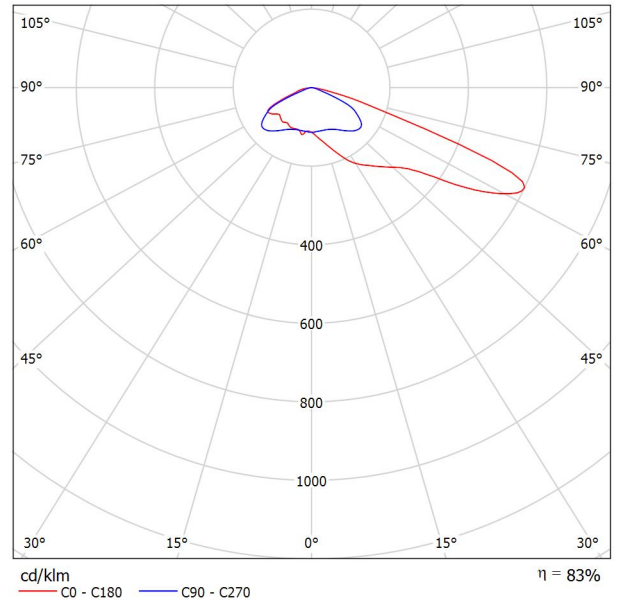


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PHILIPS BVP650 T25 DX50 LED280/- NO / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



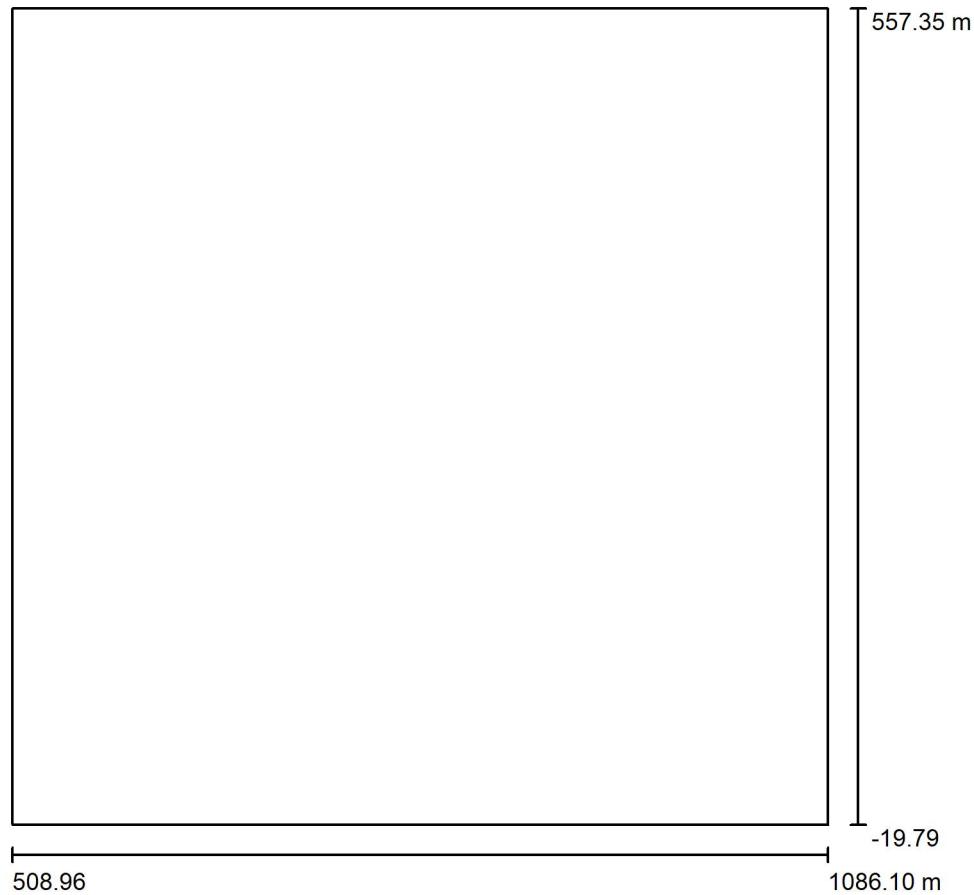
Luminaire classification according to CIE: 100
CIE flux code: 27 62 96 100 83

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



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Exterior Scene 1 / Planning data



Maintenance factor: 1.00, ULR (Upward Light Ratio): 0.0%

Scale 1:5350

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	40	DW Windsor Pharola DS (1.000)	1408	1408	26.0
2	8	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50 (1.000)	41000	50000	310.0
Total:			384320	Total: 456320	3520.0

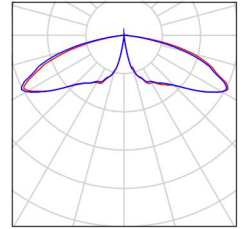


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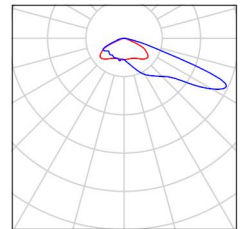
Exterior Scene 1 / Luminaire parts list

40 Pieces DW Windsor Pharola DS
Article No.:
Luminous flux (Luminaire): 1408 lm
Luminous flux (Lamps): 1408 lm
Luminaire Wattage: 26.0 W
Luminaire classification according to CIE: 100
CIE flux code: 21 53 90 100 99
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



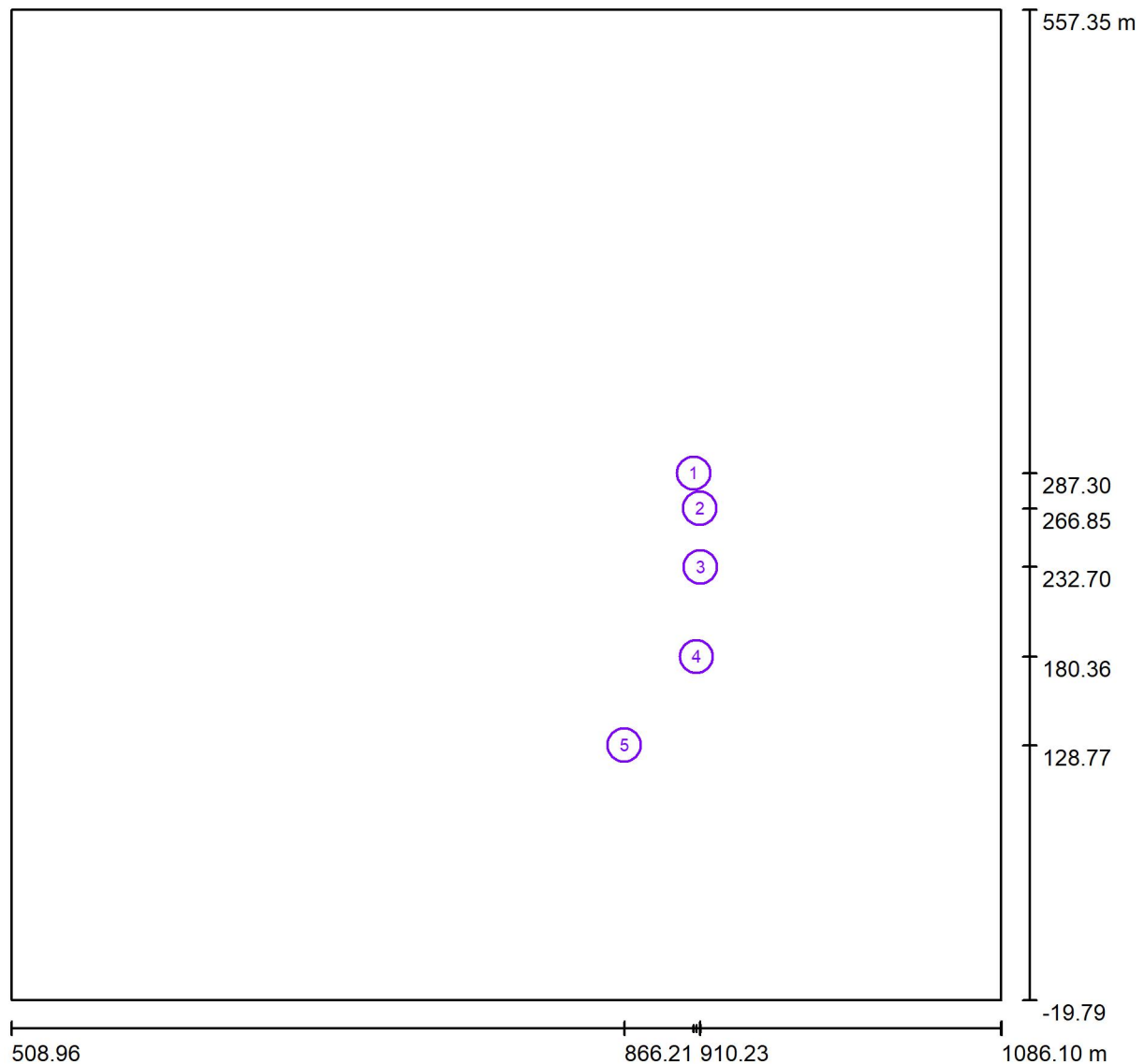
8 Pieces PHILIPS BVP651 T25 1 xLED500-4S/740 DX50
Article No.:
Luminous flux (Luminaire): 41000 lm
Luminous flux (Lamps): 50000 lm
Luminaire Wattage: 310.0 W
Luminaire classification according to CIE: 100
CIE flux code: 27 62 96 100 82
Fitting: 1 x LED500-4S/740 (Correction Factor 1.000).





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Exterior Scene 1 / Luminous intensity calculation points (coordinates list)



Scale 1 : 4127

List of the luminous intensity calculation points

No.	Designation	Position [m]		
		X	Y	Z
1	Sonning Grove Sensitive Receptor 4	906.689	287.300	4.000
2	Ashford Avenue Sensitive Receptor 5.1	910.228	266.853	3.000
3	Farm Close Sensitive Receptor 5.2	910.614	232.698	3.000
4	Farm Close Sensitive Receptor 5.3	908.276	180.363	3.000



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Exterior Scene 1 / Luminous intensity calculation points (coordinates list)

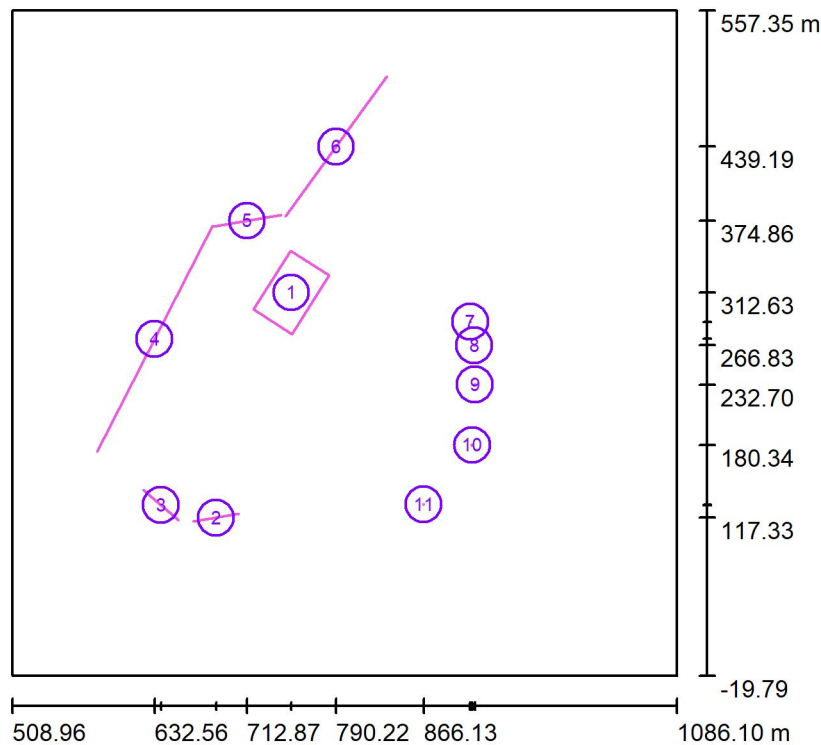
List of the luminous intensity calculation points

No.	Designation	Position [m]		
		X	Y	Z
5	Reade's Lane Sensitive Receptor 6	866.213	128.770	3.000



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Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 6568

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
1	Proposed MUGA	perpendicular	128 x 128	89	48	138	0.546	0.351
2	Sensitive Receptor 1.1	perpendicular	4 x 1	0.02	0.01	0.02	0.949	0.908
3	Sensitive Receptor 1.2	perpendicular	8 x 1	0.02	0.01	0.02	0.827	0.676
4	Sensitive Receptor 2.1	perpendicular	64 x 2	0.06	0.01	0.21	0.207	0.058
5	Sensitive Receptor 2.2	perpendicular	32 x 4	0.31	0.08	0.81	0.252	0.098
6	Sensitive Receptor 3	perpendicular	64 x 2	0.04	0.00	0.50	0.046	0.004
7	Sonning Grove Sensitive Receptor 4 Grid	perpendicular	1 x 1	0.09	0.09	0.09	1.000	1.000
8	Ashford Avenue Sensitive Receptor 5.1 Grid	perpendicular	1 x 1	0.08	0.08	0.08	1.000	1.000
9	Farm Close Sensitive Receptor 5.2 Grid	perpendicular	1 x 1	0.07	0.07	0.07	1.000	1.000



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Exterior Scene 1 / Calculation surfaces (results overview)

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
10	Farm Close Sensitive Receptor 5.3 Grid	perpendicular	1 x 1	0.04	0.04	0.04	1.000	1.000
11	Reade's Lane Sensitive Receptor 6 Grid	perpendicular	1 x 1	0.03	0.03	0.03	1.000	1.000

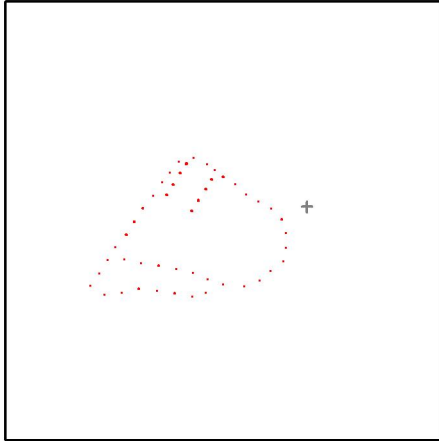
Summary of Results

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
perpendicular	11	43	0.00	138	0.00	0.00



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Exterior Scene 1 / Sonning Grove Sensitive Receptor 4 / Summary



Position: (906.689 m, 287.300 m, 4.000 m)

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
1	DW Windsor Pharola DS	757.387	351.762	1.000	Luminous emittance 1	5
2	DW Windsor Pharola DS	737.706	346.481	1.000	Luminous emittance 1	7
3	DW Windsor Pharola DS	725.466	332.721	1.000	Luminous emittance 1	8
4	DW Windsor Pharola DS	715.386	319.441	1.000	Luminous emittance 1	9
5	DW Windsor Pharola DS	703.945	301.760	1.000	Luminous emittance 1	9
6	DW Windsor Pharola DS	690.345	285.519	1.000	Luminous emittance 1	9
7	DW Windsor Pharola DS	678.984	267.679	1.000	Luminous emittance 1	8
8	DW Windsor Pharola DS	668.744	250.798	1.000	Luminous emittance 1	7
9	DW Windsor Pharola DS	654.183	234.398	1.000	Luminous emittance 1	5
10	DW Windsor Pharola DS	643.463	217.437	1.000	Luminous emittance 1	3
11	DW Windsor Pharola DS	633.223	199.837	1.000	Luminous emittance 1	5
12	DW Windsor Pharola DS	621.062	183.356	1.000	Luminous emittance 1	7
13	DW Windsor Pharola DS	639.783	171.836	1.000	Luminous emittance 1	8
14	DW Windsor Pharola DS	662.824	174.476	1.000	Luminous emittance 1	8
15	DW Windsor Pharola DS	684.904	179.196	1.000	Luminous emittance 1	8



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Exterior Scene 1 / Sonning Grove Sensitive Receptor 4 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
16	DW Windsor Pharola DS	708.665	176.476	1.000	Luminous emittance 1	8
17	DW Windsor Pharola DS	732.186	173.356	1.000	Luminous emittance 1	8
18	DW Windsor Pharola DS	755.707	169.596	1.000	Luminous emittance 1	8
19	DW Windsor Pharola DS	773.387	174.556	1.000	Luminous emittance 1	7
20	DW Windsor Pharola DS	665.464	218.397	1.000	Luminous emittance 1	3
21	DW Windsor Pharola DS	687.465	213.117	1.000	Luminous emittance 1	6
22	DW Windsor Pharola DS	710.905	209.517	1.000	Luminous emittance 1	7
23	DW Windsor Pharola DS	734.106	205.517	1.000	Luminous emittance 1	8
24	DW Windsor Pharola DS	755.947	200.557	1.000	Luminous emittance 1	8
25	DW Windsor Pharola DS	775.948	192.076	1.000	Luminous emittance 1	8
26	DW Windsor Pharola DS	796.268	185.516	1.000	Luminous emittance 1	7
27	DW Windsor Pharola DS	823.549	182.476	1.000	Luminous emittance 1	5
28	DW Windsor Pharola DS	844.110	190.156	1.000	Luminous emittance 1	3
29	DW Windsor Pharola DS	858.430	202.957	1.000	Luminous emittance 1	2
30	DW Windsor Pharola DS	875.071	215.357	1.000	Luminous emittance 1	4
31	DW Windsor Pharola DS	878.911	233.758	1.000	Luminous emittance 1	3
32	DW Windsor Pharola DS	878.751	253.198	1.000	Luminous emittance 1	4
33	DW Windsor Pharola DS	873.391	270.639	1.000	Luminous emittance 1	7
34	DW Windsor Pharola DS	859.230	285.119	1.000	Luminous emittance 1	7
35	DW Windsor Pharola DS	842.510	294.400	1.000	Luminous emittance 1	7
36	DW Windsor Pharola DS	826.589	303.840	1.000	Luminous emittance 1	7
37	DW Windsor Pharola DS	812.189	317.360	1.000	Luminous emittance 1	6
38	DW Windsor Pharola DS	796.428	326.801	1.000	Luminous emittance 1	6
39	DW Windsor Pharola DS	784.828	335.841	1.000	Luminous emittance 1	6



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Exterior Scene 1 / Sonning Grove Sensitive Receptor 4 / Summary

Possible interference sources

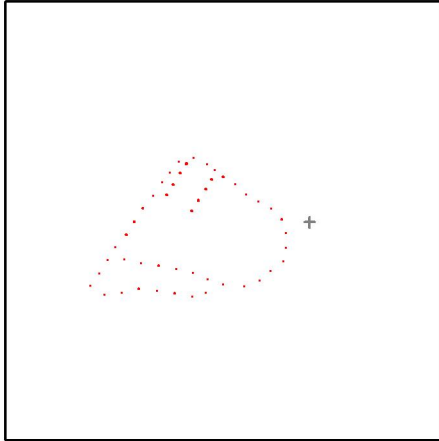
No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
40	DW Windsor Pharola DS	774.747	343.601	1.000	Luminous emittance 1	5
41	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	721.986	302.900	8.000	Luminous emittance 1	15
42	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	730.410	316.796	8.000	Luminous emittance 1	16
43	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	739.914	331.917	8.000	Luminous emittance 1	16
44	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	747.835	344.157	8.000	Luminous emittance 1	16
45	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	781.100	323.205	8.000	Luminous emittance 1	19
46	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	773.395	310.532	8.000	Luminous emittance 1	19
47	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	763.747	295.772	8.000	Luminous emittance 1	19
48	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	754.891	282.091	8.000	Luminous emittance 1	17

All luminaires placed in the exterior scene are listed.



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Exterior Scene 1 / Ashford Avenue Sensitive Receptor 5.1 / Summary



Position: (910.228 m, 266.853 m, 3.000 m)

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
1	DW Windsor Pharola DS	757.387	351.762	1.000	Luminous emittance 1	4
2	DW Windsor Pharola DS	737.706	346.481	1.000	Luminous emittance 1	5
3	DW Windsor Pharola DS	725.466	332.721	1.000	Luminous emittance 1	7
4	DW Windsor Pharola DS	715.386	319.441	1.000	Luminous emittance 1	8
5	DW Windsor Pharola DS	703.945	301.760	1.000	Luminous emittance 1	9
6	DW Windsor Pharola DS	690.345	285.519	1.000	Luminous emittance 1	9
7	DW Windsor Pharola DS	678.984	267.679	1.000	Luminous emittance 1	9
8	DW Windsor Pharola DS	668.744	250.798	1.000	Luminous emittance 1	8
9	DW Windsor Pharola DS	654.183	234.398	1.000	Luminous emittance 1	8
10	DW Windsor Pharola DS	643.463	217.437	1.000	Luminous emittance 1	6
11	DW Windsor Pharola DS	633.223	199.837	1.000	Luminous emittance 1	3
12	DW Windsor Pharola DS	621.062	183.356	1.000	Luminous emittance 1	4
13	DW Windsor Pharola DS	639.783	171.836	1.000	Luminous emittance 1	6
14	DW Windsor Pharola DS	662.824	174.476	1.000	Luminous emittance 1	7
15	DW Windsor Pharola DS	684.904	179.196	1.000	Luminous emittance 1	7



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Exterior Scene 1 / Ashford Avenue Sensitive Receptor 5.1 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
16	DW Windsor Pharola DS	708.665	176.476	1.000	Luminous emittance 1	8
17	DW Windsor Pharola DS	732.186	173.356	1.000	Luminous emittance 1	8
18	DW Windsor Pharola DS	755.707	169.596	1.000	Luminous emittance 1	8
19	DW Windsor Pharola DS	773.387	174.556	1.000	Luminous emittance 1	8
20	DW Windsor Pharola DS	665.464	218.397	1.000	Luminous emittance 1	5
21	DW Windsor Pharola DS	687.465	213.117	1.000	Luminous emittance 1	3
22	DW Windsor Pharola DS	710.905	209.517	1.000	Luminous emittance 1	4
23	DW Windsor Pharola DS	734.106	205.517	1.000	Luminous emittance 1	6
24	DW Windsor Pharola DS	755.947	200.557	1.000	Luminous emittance 1	8
25	DW Windsor Pharola DS	775.948	192.076	1.000	Luminous emittance 1	8
26	DW Windsor Pharola DS	796.268	185.516	1.000	Luminous emittance 1	8
27	DW Windsor Pharola DS	823.549	182.476	1.000	Luminous emittance 1	7
28	DW Windsor Pharola DS	844.110	190.156	1.000	Luminous emittance 1	5
29	DW Windsor Pharola DS	858.430	202.957	1.000	Luminous emittance 1	5
30	DW Windsor Pharola DS	875.071	215.357	1.000	Luminous emittance 1	4
31	DW Windsor Pharola DS	878.911	233.758	1.000	Luminous emittance 1	5
32	DW Windsor Pharola DS	878.751	253.198	1.000	Luminous emittance 1	7
33	DW Windsor Pharola DS	873.391	270.639	1.000	Luminous emittance 1	7
34	DW Windsor Pharola DS	859.230	285.119	1.000	Luminous emittance 1	5
35	DW Windsor Pharola DS	842.510	294.400	1.000	Luminous emittance 1	5
36	DW Windsor Pharola DS	826.589	303.840	1.000	Luminous emittance 1	5
37	DW Windsor Pharola DS	812.189	317.360	1.000	Luminous emittance 1	4
38	DW Windsor Pharola DS	796.428	326.801	1.000	Luminous emittance 1	4
39	DW Windsor Pharola DS	784.828	335.841	1.000	Luminous emittance 1	4



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Exterior Scene 1 / Ashford Avenue Sensitive Receptor 5.1 / Summary

Possible interference sources

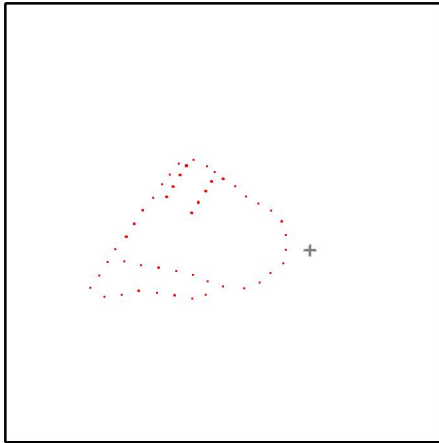
No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
40	DW Windsor Pharola DS	774.747	343.601	1.000	Luminous emittance 1	3
41	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	721.986	302.900	8.000	Luminous emittance 1	21
42	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	730.410	316.796	8.000	Luminous emittance 1	21
43	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	739.914	331.917	8.000	Luminous emittance 1	20
44	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	747.835	344.157	8.000	Luminous emittance 1	20
45	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	781.100	323.205	8.000	Luminous emittance 1	19
46	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	773.395	310.532	8.000	Luminous emittance 1	19
47	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	763.747	295.772	8.000	Luminous emittance 1	19
48	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	754.891	282.091	8.000	Luminous emittance 1	19

All luminaires placed in the exterior scene are listed.



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Exterior Scene 1 / Farm Close Sensitive Receptor 5.2 / Summary



Position: (910.614 m, 232.698 m, 3.000 m)

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
1	DW Windsor Pharola DS	757.387	351.762	1.000	Luminous emittance 1	6
2	DW Windsor Pharola DS	737.706	346.481	1.000	Luminous emittance 1	4
3	DW Windsor Pharola DS	725.466	332.721	1.000	Luminous emittance 1	4
4	DW Windsor Pharola DS	715.386	319.441	1.000	Luminous emittance 1	6
5	DW Windsor Pharola DS	703.945	301.760	1.000	Luminous emittance 1	7
6	DW Windsor Pharola DS	690.345	285.519	1.000	Luminous emittance 1	8
7	DW Windsor Pharola DS	678.984	267.679	1.000	Luminous emittance 1	9
8	DW Windsor Pharola DS	668.744	250.798	1.000	Luminous emittance 1	9
9	DW Windsor Pharola DS	654.183	234.398	1.000	Luminous emittance 1	9
10	DW Windsor Pharola DS	643.463	217.437	1.000	Luminous emittance 1	9
11	DW Windsor Pharola DS	633.223	199.837	1.000	Luminous emittance 1	8
12	DW Windsor Pharola DS	621.062	183.356	1.000	Luminous emittance 1	7
13	DW Windsor Pharola DS	639.783	171.836	1.000	Luminous emittance 1	4
14	DW Windsor Pharola DS	662.824	174.476	1.000	Luminous emittance 1	4
15	DW Windsor Pharola DS	684.904	179.196	1.000	Luminous emittance 1	4



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Exterior Scene 1 / Farm Close Sensitive Receptor 5.2 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
16	DW Windsor Pharola DS	708.665	176.476	1.000	Luminous emittance 1	3
17	DW Windsor Pharola DS	732.186	173.356	1.000	Luminous emittance 1	5
18	DW Windsor Pharola DS	755.707	169.596	1.000	Luminous emittance 1	7
19	DW Windsor Pharola DS	773.387	174.556	1.000	Luminous emittance 1	7
20	DW Windsor Pharola DS	665.464	218.397	1.000	Luminous emittance 1	9
21	DW Windsor Pharola DS	687.465	213.117	1.000	Luminous emittance 1	8
22	DW Windsor Pharola DS	710.905	209.517	1.000	Luminous emittance 1	8
23	DW Windsor Pharola DS	734.106	205.517	1.000	Luminous emittance 1	7
24	DW Windsor Pharola DS	755.947	200.557	1.000	Luminous emittance 1	5
25	DW Windsor Pharola DS	775.948	192.076	1.000	Luminous emittance 1	4
26	DW Windsor Pharola DS	796.268	185.516	1.000	Luminous emittance 1	7
27	DW Windsor Pharola DS	823.549	182.476	1.000	Luminous emittance 1	8
28	DW Windsor Pharola DS	844.110	190.156	1.000	Luminous emittance 1	8
29	DW Windsor Pharola DS	858.430	202.957	1.000	Luminous emittance 1	7
30	DW Windsor Pharola DS	875.071	215.357	1.000	Luminous emittance 1	7
31	DW Windsor Pharola DS	878.911	233.758	1.000	Luminous emittance 1	7
32	DW Windsor Pharola DS	878.751	253.198	1.000	Luminous emittance 1	2
33	DW Windsor Pharola DS	873.391	270.639	1.000	Luminous emittance 1	6
34	DW Windsor Pharola DS	859.230	285.119	1.000	Luminous emittance 1	7
35	DW Windsor Pharola DS	842.510	294.400	1.000	Luminous emittance 1	6
36	DW Windsor Pharola DS	826.589	303.840	1.000	Luminous emittance 1	6
37	DW Windsor Pharola DS	812.189	317.360	1.000	Luminous emittance 1	7
38	DW Windsor Pharola DS	796.428	326.801	1.000	Luminous emittance 1	6
39	DW Windsor Pharola DS	784.828	335.841	1.000	Luminous emittance 1	6



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Exterior Scene 1 / Farm Close Sensitive Receptor 5.2 / Summary

Possible interference sources

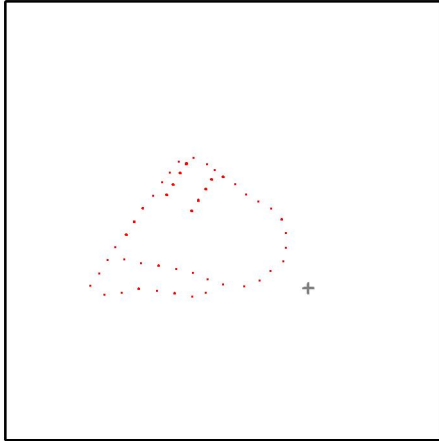
No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
40	DW Windsor Pharola DS	774.747	343.601	1.000	Luminous emittance 1	6
41	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	721.986	302.900	8.000	Luminous emittance 1	17
42	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	730.410	316.796	8.000	Luminous emittance 1	17
43	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	739.914	331.917	8.000	Luminous emittance 1	15
44	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	747.835	344.157	8.000	Luminous emittance 1	12
45	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	781.100	323.205	8.000	Luminous emittance 1	17
46	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	773.395	310.532	8.000	Luminous emittance 1	17
47	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	763.747	295.772	8.000	Luminous emittance 1	19
48	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	754.891	282.091	8.000	Luminous emittance 1	19

All luminaires placed in the exterior scene are listed.



Operator
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Exterior Scene 1 / Farm Close Sensitive Receptor 5.3 / Summary



Position: (908.276 m, 180.363 m, 3.000 m)

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
1	DW Windsor Pharola DS	757.387	351.762	1.000	Luminous emittance 1	9
2	DW Windsor Pharola DS	737.706	346.481	1.000	Luminous emittance 1	8
3	DW Windsor Pharola DS	725.466	332.721	1.000	Luminous emittance 1	7
4	DW Windsor Pharola DS	715.386	319.441	1.000	Luminous emittance 1	5
5	DW Windsor Pharola DS	703.945	301.760	1.000	Luminous emittance 1	3
6	DW Windsor Pharola DS	690.345	285.519	1.000	Luminous emittance 1	5
7	DW Windsor Pharola DS	678.984	267.679	1.000	Luminous emittance 1	7
8	DW Windsor Pharola DS	668.744	250.798	1.000	Luminous emittance 1	8
9	DW Windsor Pharola DS	654.183	234.398	1.000	Luminous emittance 1	9
10	DW Windsor Pharola DS	643.463	217.437	1.000	Luminous emittance 1	9
11	DW Windsor Pharola DS	633.223	199.837	1.000	Luminous emittance 1	9
12	DW Windsor Pharola DS	621.062	183.356	1.000	Luminous emittance 1	9
13	DW Windsor Pharola DS	639.783	171.836	1.000	Luminous emittance 1	9
14	DW Windsor Pharola DS	662.824	174.476	1.000	Luminous emittance 1	9
15	DW Windsor Pharola DS	684.904	179.196	1.000	Luminous emittance 1	9



Operator
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Fax
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Exterior Scene 1 / Farm Close Sensitive Receptor 5.3 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
16	DW Windsor Pharola DS	708.665	176.476	1.000	Luminous emittance 1	9
17	DW Windsor Pharola DS	732.186	173.356	1.000	Luminous emittance 1	9
18	DW Windsor Pharola DS	755.707	169.596	1.000	Luminous emittance 1	8
19	DW Windsor Pharola DS	773.387	174.556	1.000	Luminous emittance 1	8
20	DW Windsor Pharola DS	665.464	218.397	1.000	Luminous emittance 1	9
21	DW Windsor Pharola DS	687.465	213.117	1.000	Luminous emittance 1	9
22	DW Windsor Pharola DS	710.905	209.517	1.000	Luminous emittance 1	9
23	DW Windsor Pharola DS	734.106	205.517	1.000	Luminous emittance 1	9
24	DW Windsor Pharola DS	755.947	200.557	1.000	Luminous emittance 1	9
25	DW Windsor Pharola DS	775.948	192.076	1.000	Luminous emittance 1	9
26	DW Windsor Pharola DS	796.268	185.516	1.000	Luminous emittance 1	8
27	DW Windsor Pharola DS	823.549	182.476	1.000	Luminous emittance 1	8
28	DW Windsor Pharola DS	844.110	190.156	1.000	Luminous emittance 1	8
29	DW Windsor Pharola DS	858.430	202.957	1.000	Luminous emittance 1	4
30	DW Windsor Pharola DS	875.071	215.357	1.000	Luminous emittance 1	6
31	DW Windsor Pharola DS	878.911	233.758	1.000	Luminous emittance 1	8
32	DW Windsor Pharola DS	878.751	253.198	1.000	Luminous emittance 1	7
33	DW Windsor Pharola DS	873.391	270.639	1.000	Luminous emittance 1	7
34	DW Windsor Pharola DS	859.230	285.119	1.000	Luminous emittance 1	8
35	DW Windsor Pharola DS	842.510	294.400	1.000	Luminous emittance 1	9
36	DW Windsor Pharola DS	826.589	303.840	1.000	Luminous emittance 1	9
37	DW Windsor Pharola DS	812.189	317.360	1.000	Luminous emittance 1	9
38	DW Windsor Pharola DS	796.428	326.801	1.000	Luminous emittance 1	9
39	DW Windsor Pharola DS	784.828	335.841	1.000	Luminous emittance 1	9



Operator
Telephone
Fax
e-Mail

Exterior Scene 1 / Farm Close Sensitive Receptor 5.3 / Summary

Possible interference sources

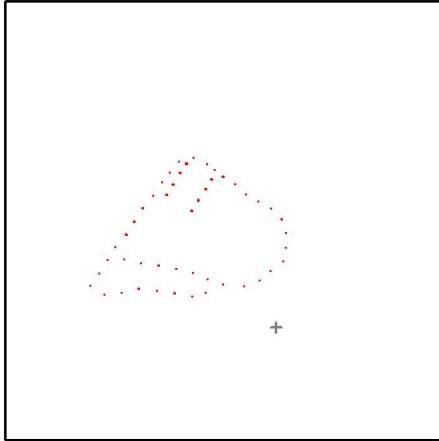
No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
40	DW Windsor Pharola DS	774.747	343.601	1.000	Luminous emittance 1	9
41	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	721.986	302.900	8.000	Luminous emittance 1	8
42	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	730.410	316.796	8.000	Luminous emittance 1	13
43	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	739.914	331.917	8.000	Luminous emittance 1	14
44	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	747.835	344.157	8.000	Luminous emittance 1	14
45	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	781.100	323.205	8.000	Luminous emittance 1	19
46	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	773.395	310.532	8.000	Luminous emittance 1	19
47	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	763.747	295.772	8.000	Luminous emittance 1	19
48	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	754.891	282.091	8.000	Luminous emittance 1	15

All luminaires placed in the exterior scene are listed.



Operator
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Fax
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Exterior Scene 1 / Reade's Lane Sensitive Receptor 6 / Summary



Position: (866.213 m, 128.770 m, 3.000 m)

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
1	DW Windsor Pharola DS	757.387	351.762	1.000	Luminous emittance 1	9
2	DW Windsor Pharola DS	737.706	346.481	1.000	Luminous emittance 1	9
3	DW Windsor Pharola DS	725.466	332.721	1.000	Luminous emittance 1	9
4	DW Windsor Pharola DS	715.386	319.441	1.000	Luminous emittance 1	9
5	DW Windsor Pharola DS	703.945	301.760	1.000	Luminous emittance 1	8
6	DW Windsor Pharola DS	690.345	285.519	1.000	Luminous emittance 1	7
7	DW Windsor Pharola DS	678.984	267.679	1.000	Luminous emittance 1	6
8	DW Windsor Pharola DS	668.744	250.798	1.000	Luminous emittance 1	4
9	DW Windsor Pharola DS	654.183	234.398	1.000	Luminous emittance 1	5
10	DW Windsor Pharola DS	643.463	217.437	1.000	Luminous emittance 1	7
11	DW Windsor Pharola DS	633.223	199.837	1.000	Luminous emittance 1	8
12	DW Windsor Pharola DS	621.062	183.356	1.000	Luminous emittance 1	9
13	DW Windsor Pharola DS	639.783	171.836	1.000	Luminous emittance 1	9
14	DW Windsor Pharola DS	662.824	174.476	1.000	Luminous emittance 1	8
15	DW Windsor Pharola DS	684.904	179.196	1.000	Luminous emittance 1	8



Operator
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e-Mail

Exterior Scene 1 / Reade's Lane Sensitive Receptor 6 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
16	DW Windsor Pharola DS	708.665	176.476	1.000	Luminous emittance 1	7
17	DW Windsor Pharola DS	732.186	173.356	1.000	Luminous emittance 1	7
18	DW Windsor Pharola DS	755.707	169.596	1.000	Luminous emittance 1	6
19	DW Windsor Pharola DS	773.387	174.556	1.000	Luminous emittance 1	4
20	DW Windsor Pharola DS	665.464	218.397	1.000	Luminous emittance 1	6
21	DW Windsor Pharola DS	687.465	213.117	1.000	Luminous emittance 1	5
22	DW Windsor Pharola DS	710.905	209.517	1.000	Luminous emittance 1	4
23	DW Windsor Pharola DS	734.106	205.517	1.000	Luminous emittance 1	3
24	DW Windsor Pharola DS	755.947	200.557	1.000	Luminous emittance 1	4
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26	DW Windsor Pharola DS	796.268	185.516	1.000	Luminous emittance 1	6
27	DW Windsor Pharola DS	823.549	182.476	1.000	Luminous emittance 1	8
28	DW Windsor Pharola DS	844.110	190.156	1.000	Luminous emittance 1	6
29	DW Windsor Pharola DS	858.430	202.957	1.000	Luminous emittance 1	7
30	DW Windsor Pharola DS	875.071	215.357	1.000	Luminous emittance 1	8
31	DW Windsor Pharola DS	878.911	233.758	1.000	Luminous emittance 1	8
32	DW Windsor Pharola DS	878.751	253.198	1.000	Luminous emittance 1	8
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35	DW Windsor Pharola DS	842.510	294.400	1.000	Luminous emittance 1	7
36	DW Windsor Pharola DS	826.589	303.840	1.000	Luminous emittance 1	4
37	DW Windsor Pharola DS	812.189	317.360	1.000	Luminous emittance 1	4
38	DW Windsor Pharola DS	796.428	326.801	1.000	Luminous emittance 1	6
39	DW Windsor Pharola DS	784.828	335.841	1.000	Luminous emittance 1	7



Operator
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Exterior Scene 1 / Reade's Lane Sensitive Receptor 6 / Summary

Possible interference sources

No.	Luminaire	Position [m]			Luminous emittance	Luminous intensity [cd]
		X	Y	Z		
40	DW Windsor Pharola DS	774.747	343.601	1.000	Luminous emittance 1	8
41	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	721.986	302.900	8.000	Luminous emittance 1	15
42	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	730.410	316.796	8.000	Luminous emittance 1	15
43	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	739.914	331.917	8.000	Luminous emittance 1	14
44	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	747.835	344.157	8.000	Luminous emittance 1	13
45	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	781.100	323.205	8.000	Luminous emittance 1	16
46	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	773.395	310.532	8.000	Luminous emittance 1	19
47	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	763.747	295.772	8.000	Luminous emittance 1	19
48	PHILIPS BVP651 T25 1 xLED500-4S/740 DX50	754.891	282.091	8.000	Luminous emittance 1	19

All luminaires placed in the exterior scene are listed.