
ARLIGHT BSI iOTTO

LumCAT: OTTO	Luminaire: OTTO-76W-3K-80Ra
Report No:	Voltage(V): 220.130
Test No:	Current(A): 0.357
LampCAT: : CREE XTE-OSRAM28x35	Power (W): 75.800
Lamp flux(lm): 5256.4	PF: 0.964
Number of Lamps: 1	Ballast type: MEANWELLXLG-100-L-A(700mA)
Length(mm): 150	Width(mm): 0
Phm Type: C	Height(mm): 700

Photometric Results

Lumens(lm): 5256.35
Efficiency(%): 100.00%
Lumens(lm)/Power(W): 69.35
Central intensity(cd): 25.258
Maximum intensity(cd): 552.790
Angle of maximum intensity: C=270.0 γ =89.0
Beam Angle(50%Imax): [C0□180]Left=N.A. Right=N.A.
[C90 □270]Left=N.A. Right=N.A.
Field angle(10%Imax): [C0□180]Left=90.0 Right=90.0
[C90 □270]Left=90.0 Right=90.0
Beam angle of C270plane: 111.74

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	25.258	.000	.000	.000%	.000%
1.0	25.925	.024	.024	.000%	.000%
2.0	27.021	.076	.100	.001%	.002%
3.0	29.082	.134	.235	.003%	.004%
4.0	31.883	.204	.439	.004%	.008%
5.0	35.485	.290	.729	.006%	.014%
6.0	39.947	.396	1.125	.008%	.021%
7.0	45.046	.528	1.653	.010%	.031%
8.0	50.619	.685	2.337	.013%	.044%
9.0	56.918	.872	3.209	.017%	.061%
10.0	63.944	1.094	4.302	.021%	.082%
11.0	71.015	1.349	5.651	.026%	.108%
12.0	78.841	1.638	7.289	.031%	.139%
13.0	87.023	1.968	9.257	.037%	.176%
14.0	95.368	2.335	11.592	.044%	.221%
15.0	103.995	2.737	14.329	.052%	.273%
16.0	112.488	3.172	17.501	.060%	.333%
17.0	121.619	3.646	21.147	.069%	.402%
18.0	130.720	4.161	25.307	.079%	.481%
19.0	139.850	4.707	30.015	.090%	.571%
20.0	149.025	5.287	35.302	.101%	.672%
21.0	158.527	5.906	41.207	.112%	.784%
22.0	167.820	6.558	47.766	.125%	.909%
23.0	177.040	7.236	55.002	.138%	1.046%
24.0	186.704	7.953	62.954	.151%	1.198%
25.0	196.191	8.706	71.661	.166%	1.363%
26.0	205.573	9.484	81.144	.180%	1.544%
27.0	214.941	10.288	91.432	.196%	1.739%
28.0	224.220	11.119	102.551	.212%	1.951%
29.0	233.425	11.973	114.524	.228%	2.179%
30.0	242.511	12.850	127.374	.244%	2.423%
31.0	251.938	13.760	141.134	.262%	2.685%
32.0	260.609	14.684	155.818	.279%	2.964%
33.0	269.695	15.623	171.441	.297%	3.262%
34.0	278.826	16.600	188.041	.316%	3.577%
35.0	287.468	17.587	205.628	.335%	3.912%
36.0	296.050	18.579	224.207	.353%	4.265%
37.0	304.825	19.597	243.804	.373%	4.638%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
38.0	313.096	20.625	264.430	.392%	5.031%
39.0	321.722	21.668	286.098	.412%	5.443%
40.0	329.949	22.728	308.826	.432%	5.875%
41.0	338.175	23.792	332.617	.453%	6.328%
42.0	346.076	24.860	357.477	.473%	6.801%
43.0	354.095	25.936	383.414	.493%	7.294%
44.0	361.788	27.019	410.433	.514%	7.808%
45.0	369.718	28.113	438.546	.535%	8.343%
46.0	377.262	29.213	467.758	.556%	8.899%
47.0	384.718	30.306	498.064	.577%	9.475%
48.0	391.907	31.395	529.460	.597%	10.073%
49.0	399.407	32.496	561.955	.618%	10.691%
50.0	406.448	33.599	595.554	.639%	11.330%
51.0	413.385	34.686	630.240	.660%	11.990%
52.0	420.025	35.762	666.002	.680%	12.670%
53.0	427.051	36.848	702.850	.701%	13.371%
54.0	433.054	37.910	740.760	.721%	14.093%
55.0	439.680	38.957	779.717	.741%	14.834%
56.0	445.801	40.012	819.730	.761%	15.595%
57.0	452.042	41.051	860.781	.781%	16.376%
58.0	457.837	42.076	902.857	.800%	17.177%
59.0	463.781	43.086	945.943	.820%	17.996%
60.0	469.310	44.083	990.026	.839%	18.835%
61.0	474.705	45.050	1035.076	.857%	19.692%
62.0	480.205	46.013	1081.089	.875%	20.567%
63.0	485.096	46.948	1128.037	.893%	21.460%
64.0	489.973	47.846	1175.883	.910%	22.371%
65.0	494.923	48.742	1224.625	.927%	23.298%
66.0	499.177	49.599	1274.224	.944%	24.242%
67.0	503.846	50.435	1324.659	.960%	25.201%
68.0	507.967	51.255	1375.914	.975%	26.176%
69.0	512.117	52.040	1427.954	.990%	27.166%
70.0	515.927	52.798	1480.752	1.004%	28.171%
71.0	519.632	53.523	1534.276	1.018%	29.189%
72.0	523.012	54.214	1588.490	1.031%	30.220%
73.0	526.347	54.874	1643.364	1.044%	31.264%
74.0	529.519	55.510	1698.873	1.056%	32.320%
75.0	532.380	56.107	1754.980	1.067%	33.388%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
76.0	534.988	56.660	1811.640	1.078%	34.466%
77.0	537.538	57.182	1868.823	1.088%	35.554%
78.0	539.835	57.673	1926.495	1.097%	36.651%
79.0	542.088	58.131	1984.627	1.106%	37.757%
80.0	543.956	58.551	2043.178	1.114%	38.871%
81.0	545.661	58.925	2102.103	1.121%	39.992%
82.0	547.291	59.269	2161.372	1.128%	41.119%
83.0	548.714	59.580	2220.952	1.133%	42.253%
84.0	549.841	59.847	2280.799	1.139%	43.391%
85.0	550.849	60.073	2340.872	1.143%	44.534%
86.0	551.575	60.260	2401.132	1.146%	45.681%
87.0	552.168	60.406	2461.538	1.149%	46.830%
88.0	552.627	60.519	2522.057	1.151%	47.981%
89.0	552.790	60.590	2582.647	1.153%	49.134%
90.0	552.746	60.615	2643.261	1.153%	50.287%
91.0	552.494	60.598	2703.860	1.153%	51.440%
92.0	552.094	60.544	2764.404	1.152%	52.592%
93.0	551.471	60.451	2824.855	1.150%	53.742%
94.0	550.656	60.317	2885.173	1.148%	54.889%
95.0	549.648	60.144	2945.317	1.144%	56.034%
96.0	548.344	59.926	3005.243	1.140%	57.174%
97.0	546.980	59.671	3064.914	1.135%	58.309%
98.0	545.349	59.381	3124.295	1.130%	59.438%
99.0	543.630	59.053	3183.348	1.123%	60.562%
100.0	541.659	58.691	3242.039	1.117%	61.679%
101.0	539.465	58.286	3300.325	1.109%	62.787%
102.0	537.064	57.842	3358.166	1.100%	63.888%
103.0	534.470	57.360	3415.526	1.091%	64.979%
104.0	531.787	56.848	3472.374	1.082%	66.061%
105.0	528.852	56.303	3528.677	1.071%	67.132%
106.0	525.650	55.716	3584.393	1.060%	68.192%
107.0	522.612	55.110	3639.503	1.048%	69.240%
108.0	518.891	54.463	3693.966	1.036%	70.276%
109.0	515.260	53.773	3747.739	1.023%	71.299%
110.0	511.421	53.064	3800.803	1.010%	72.309%
111.0	507.508	52.330	3853.134	.996%	73.304%
112.0	503.120	51.557	3904.691	.981%	74.285%
113.0	498.985	50.763	3955.454	.966%	75.251%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
114.0	494.360	49.948	4005.403	.950%	76.201%
115.0	489.587	49.093	4054.495	.934%	77.135%
116.0	484.740	48.219	4102.714	.917%	78.053%
117.0	479.834	47.331	4150.045	.900%	78.953%
118.0	474.483	46.413	4196.459	.883%	79.836%
119.0	469.147	45.470	4241.929	.865%	80.701%
120.0	463.440	44.505	4286.434	.847%	81.548%
121.0	457.897	43.527	4329.961	.828%	82.376%
122.0	451.745	42.526	4372.487	.809%	83.185%
123.0	445.816	41.506	4413.994	.790%	83.975%
124.0	439.754	40.490	4454.484	.770%	84.745%
125.0	433.380	39.454	4493.938	.751%	85.495%
126.0	427.140	38.412	4532.351	.731%	86.226%
127.0	420.233	37.349	4569.699	.711%	86.937%
128.0	413.459	36.266	4605.965	.690%	87.627%
129.0	406.655	35.192	4641.157	.670%	88.296%
130.0	399.615	34.112	4675.269	.649%	88.945%
131.0	392.470	33.025	4708.294	.628%	89.573%
132.0	385.089	31.931	4740.225	.607%	90.181%
133.0	377.544	30.830	4771.054	.587%	90.767%
134.0	370.088	29.735	4800.790	.566%	91.333%
135.0	362.469	28.649	4829.438	.545%	91.878%
136.0	354.717	27.562	4857.001	.524%	92.403%
137.0	346.787	26.477	4883.478	.504%	92.906%
138.0	338.857	25.398	4908.876	.483%	93.389%
139.0	330.853	24.332	4933.208	.463%	93.852%
140.0	322.508	23.266	4956.474	.443%	94.295%
141.0	314.178	22.205	4978.679	.422%	94.717%
142.0	305.877	21.164	4999.843	.403%	95.120%
143.0	297.621	20.144	5019.987	.383%	95.503%
144.0	288.905	19.129	5039.117	.364%	95.867%
145.0	280.442	18.128	5057.245	.345%	96.212%
146.0	271.682	17.147	5074.392	.326%	96.538%
147.0	262.803	16.175	5090.567	.308%	96.846%
148.0	254.043	15.226	5105.793	.290%	97.136%
149.0	244.957	14.296	5120.089	.272%	97.408%
150.0	235.589	13.373	5133.462	.254%	97.662%
151.0	226.932	12.488	5145.950	.238%	97.900%

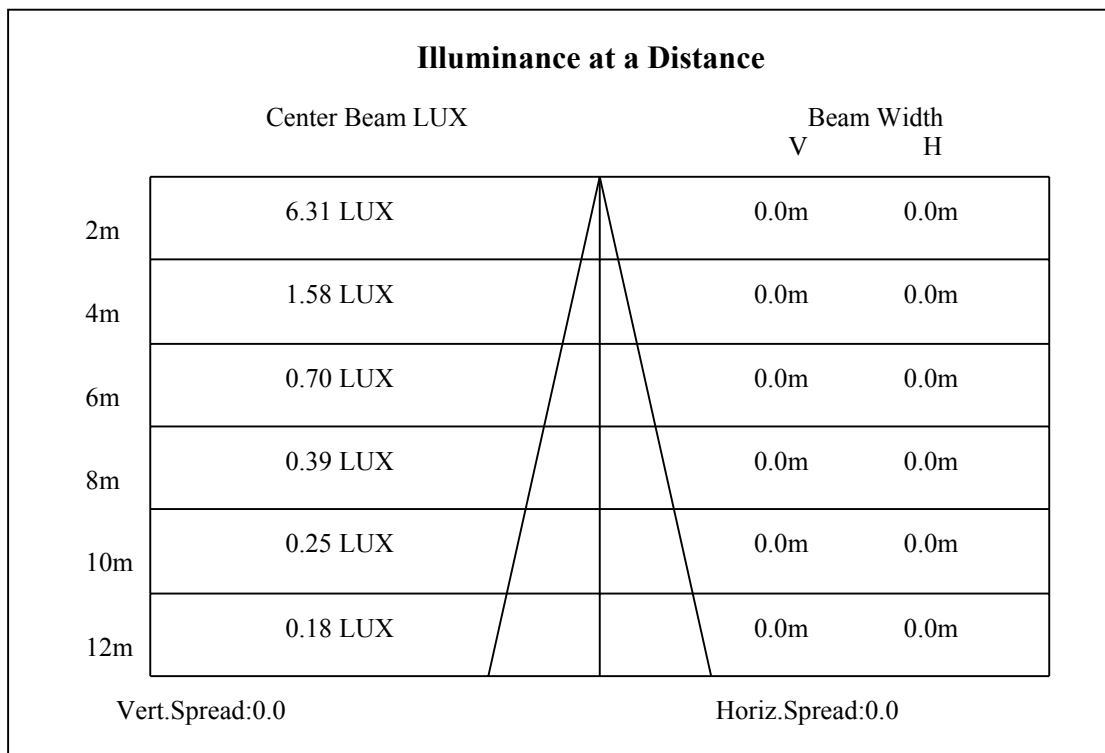
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
152.0	217.846	11.637	5157.587	.221%	98.121%
153.0	208.671	10.799	5168.385	.205%	98.327%
154.0	198.918	9.972	5178.357	.190%	98.516%
155.0	189.639	9.172	5187.529	.174%	98.691%
156.0	180.657	8.420	5195.949	.160%	98.851%
157.0	171.585	7.701	5203.650	.147%	98.997%
158.0	162.544	7.011	5210.661	.133%	99.131%
159.0	153.294	6.347	5217.007	.121%	99.252%
160.0	143.941	5.708	5222.715	.109%	99.360%
161.0	134.707	5.100	5227.815	.097%	99.457%
162.0	125.873	4.534	5232.349	.086%	99.543%
163.0	116.727	4.000	5236.349	.076%	99.619%
164.0	108.026	3.500	5239.849	.067%	99.686%
165.0	99.741	3.044	5242.893	.058%	99.744%
166.0	91.144	2.621	5245.514	.050%	99.794%
167.0	83.065	2.230	5247.744	.042%	99.836%
168.0	74.913	1.875	5249.619	.036%	99.872%
169.0	67.487	1.557	5251.175	.030%	99.902%
170.0	59.898	1.273	5252.448	.024%	99.926%
171.0	53.302	1.024	5253.473	.019%	99.945%
172.0	46.721	.811	5254.283	.015%	99.961%
173.0	41.073	.628	5254.912	.012%	99.973%
174.0	35.796	.477	5255.389	.009%	99.982%
175.0	31.439	.353	5255.742	.007%	99.988%
176.0	27.229	.252	5255.995	.005%	99.993%
177.0	24.116	.172	5256.167	.003%	99.997%
178.0	22.278	.111	5256.277	.002%	99.999%
179.0	20.722	.062	5256.339	.001%	100.000%
180.0	20.277	.020	5256.358	.000%	100.000%

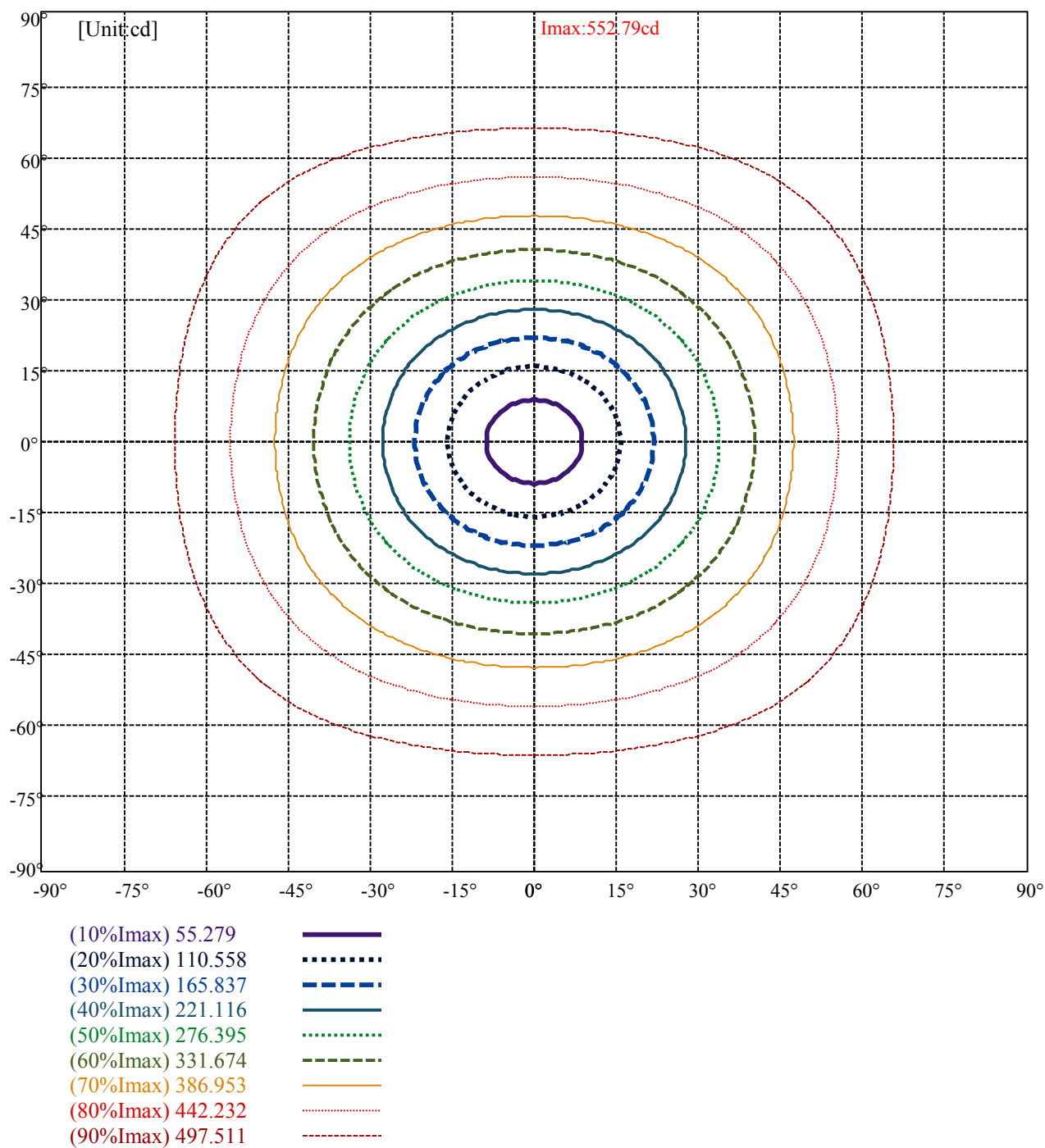
ZONAL LUMEN SUMMARY

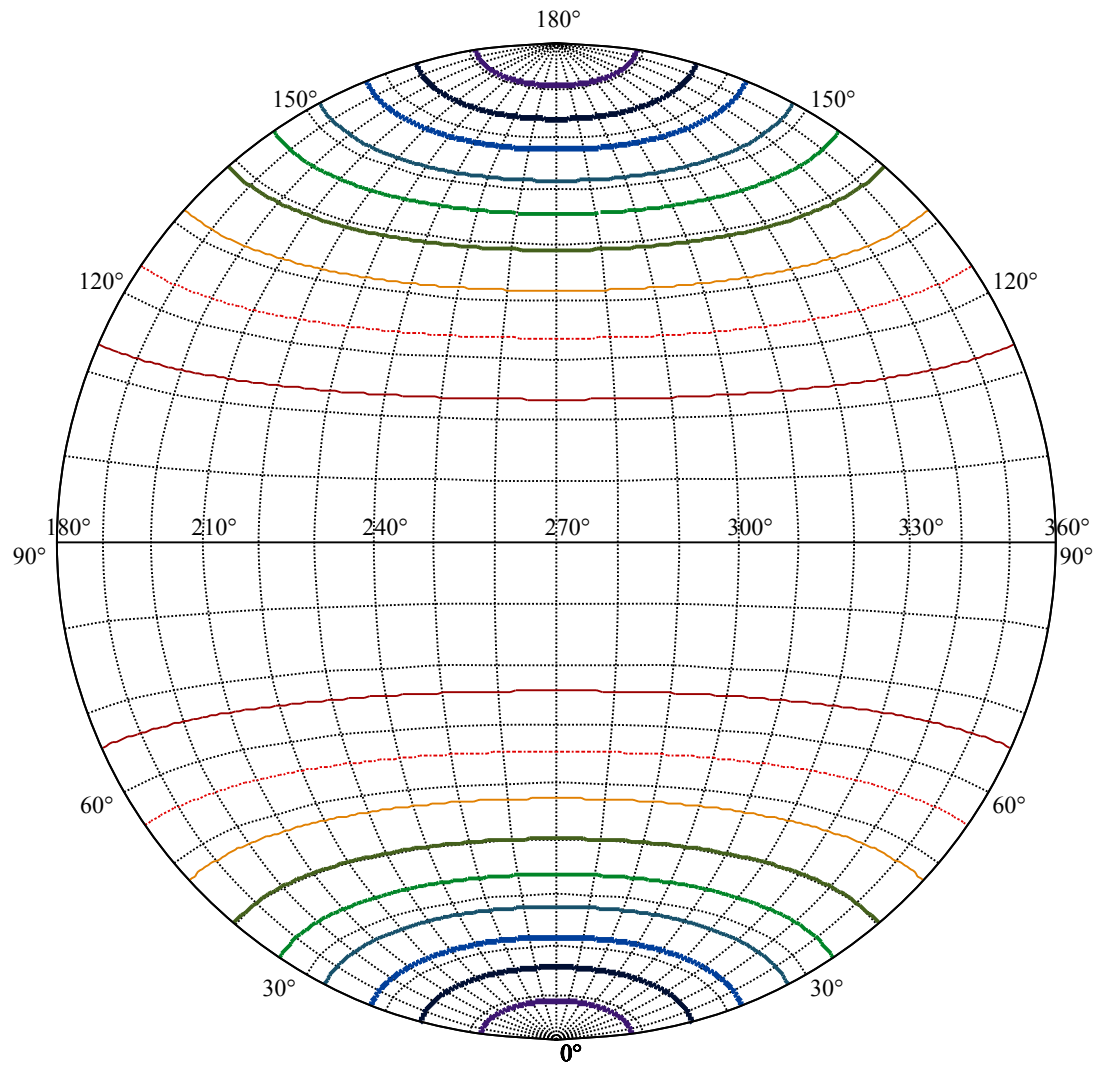
Zone	Lumens	%Lamp	%Fixt
0-30	127.374	2.423%	2.423%
0-40	308.826	5.875%	5.875%
0-60	990.026	18.835%	18.835%
0-90	2643.261	50.287%	50.287%
90-120	1643.171	31.261%	31.261%
90-130	2032.006	38.658%	38.658%
90-150	2490.198	47.375%	47.375%
90-180	2613.074	49.713%	49.713%
0-180	5256.358	100.000%	100.000%

ZONAL LUMEN SUMMARY

0-10	4.302
10-20	30.999
20-30	92.072
30-40	181.451
40-50	286.729
50-60	394.472
60-70	490.726
70-80	562.425
80-90	600.083
90-100	598.777
100-110	558.764
110-120	485.630
120-130	388.835
130-140	281.204
140-150	176.988
150-160	89.253
160-170	29.733
170-180	3.891



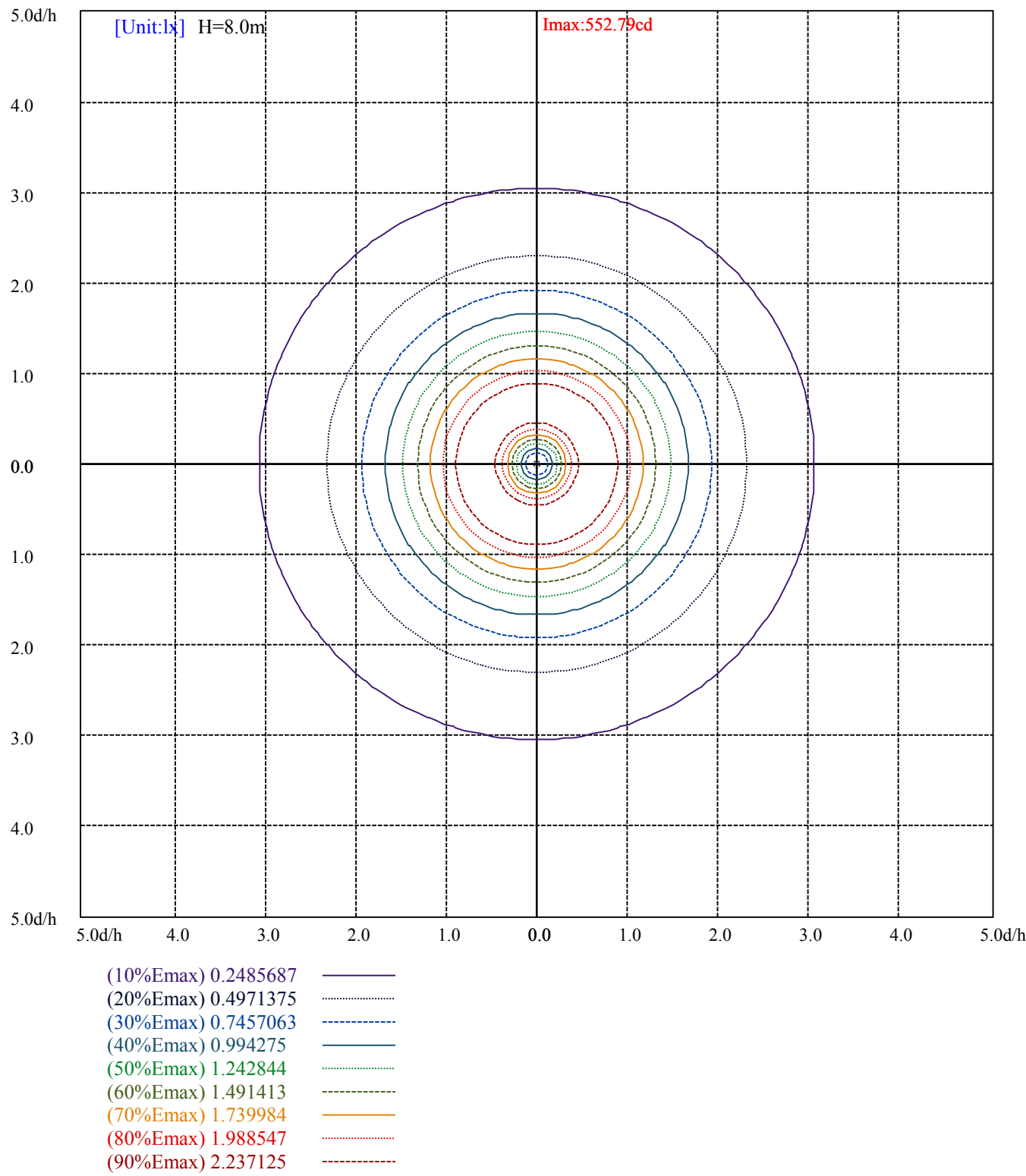


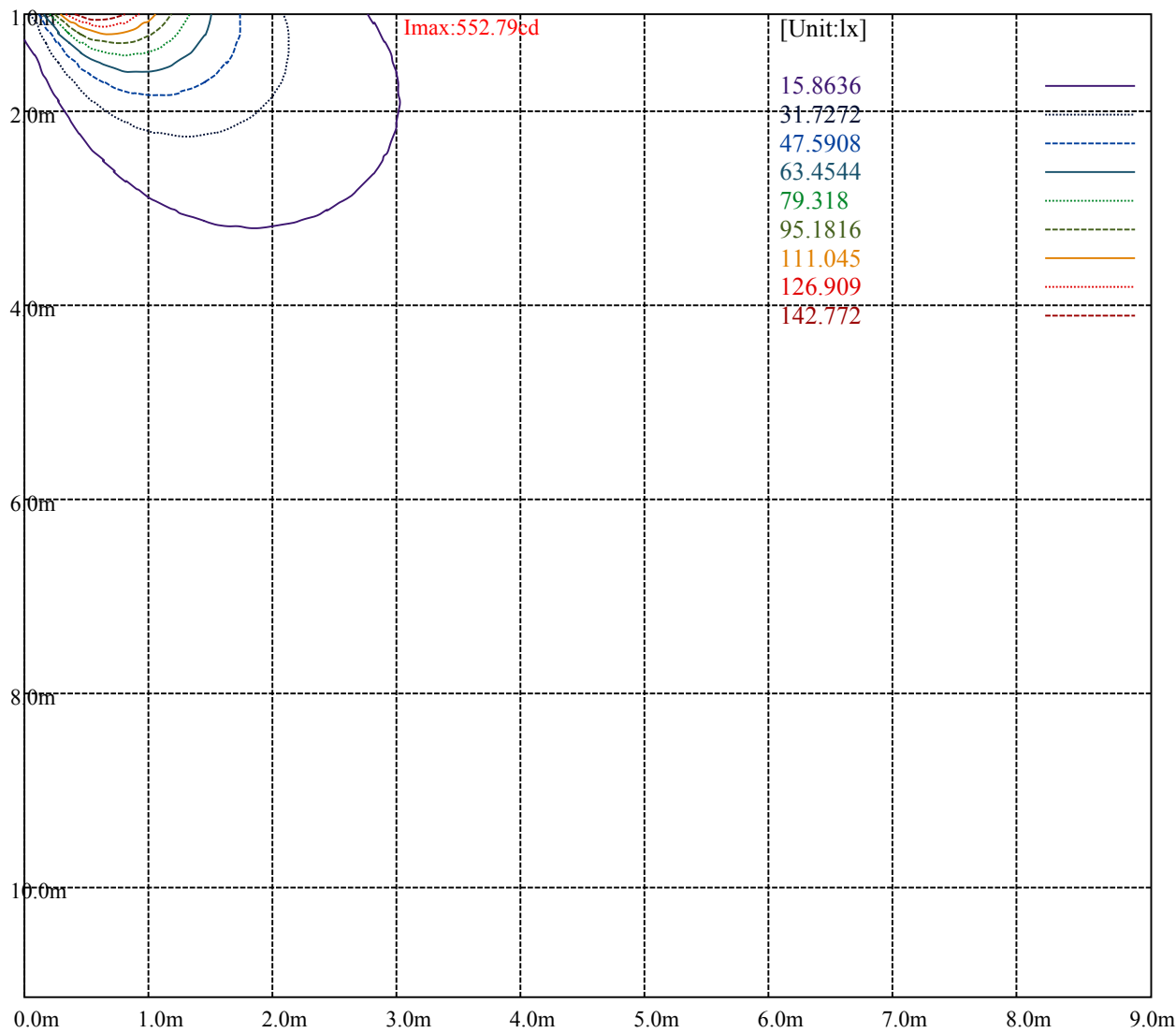


House

Road

Imax:552.79cd	
(10%Imax) 55.279	—
(20%Imax) 110.558	----
(30%Imax) 165.837	- . - .
(40%Imax) 221.116	—
(50%Imax) 276.395	
(60%Imax) 331.674	- - - -
(70%Imax) 386.953	—
(80%Imax) 442.232	
(90%Imax) 497.511	----





Luminance Table

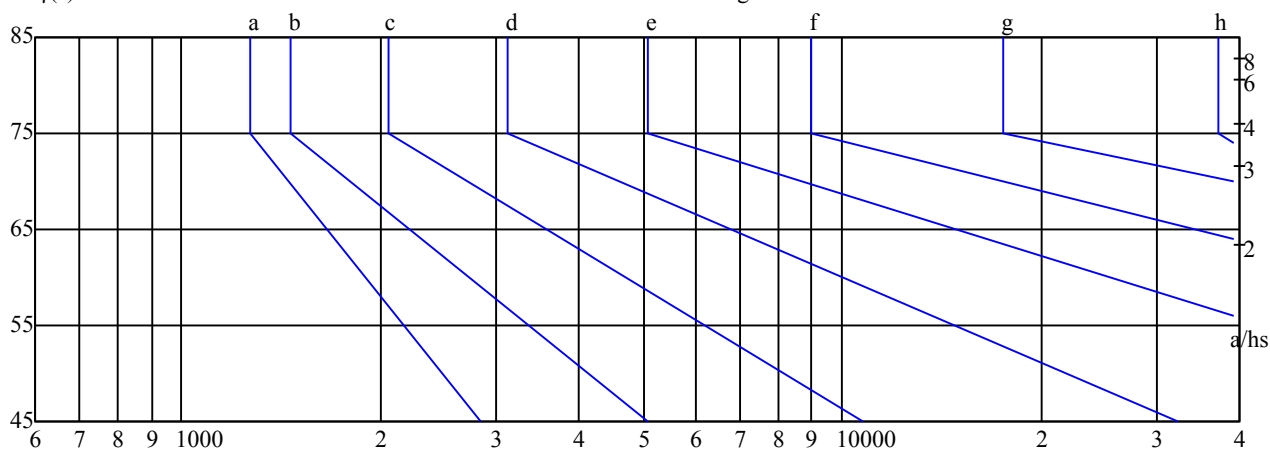
γ	45	50	55	60	65	70	75	80	85
C0	370	406	440	469	495	516	532	544	551
C45	370	406	440	469	495	516	532	544	551
C90	370	406	440	469	495	516	532	544	551

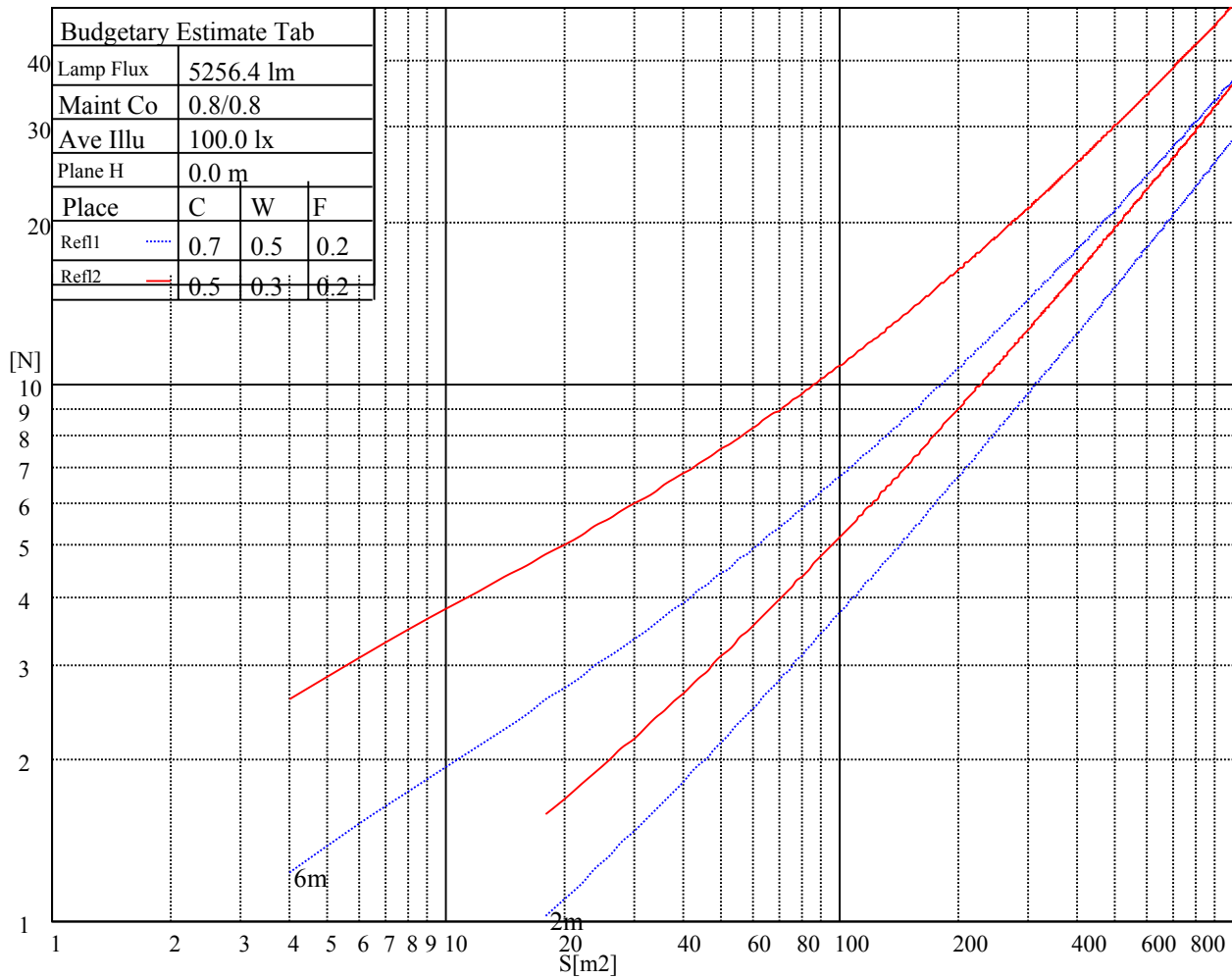
Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

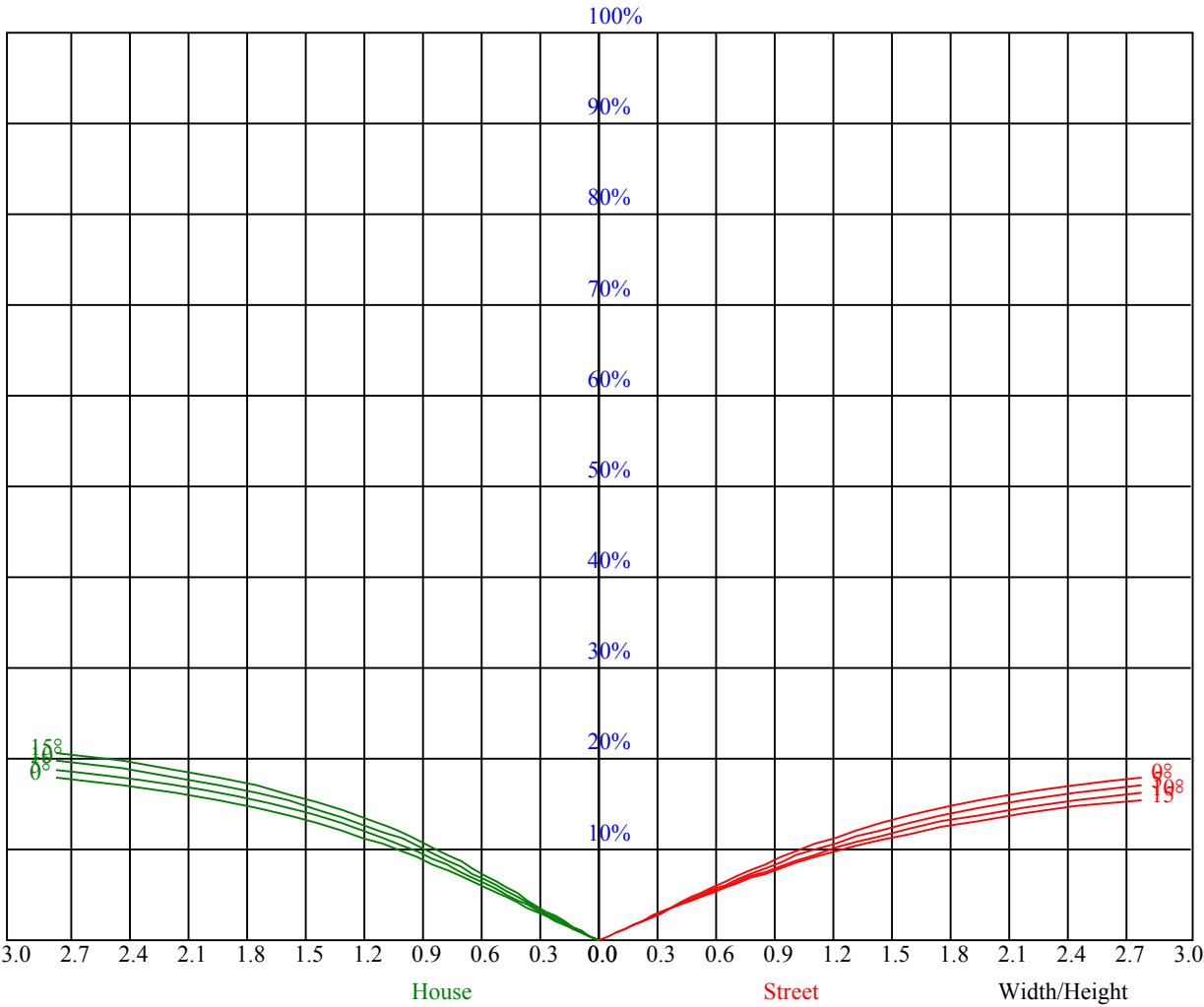
 $\gamma(^{\circ})$

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.07	1.07	1.07	0.99	0.99	0.99	0.83	0.83	0.83	0.69	0.69	0.69	0.56	0.56	0.56	0.50
1	0.85	0.79	0.73	0.78	0.72	0.68	0.64	0.60	0.56	0.52	0.49	0.46	0.41	0.38	0.36	0.30
2	0.71	0.63	0.55	0.65	0.57	0.51	0.53	0.47	0.42	0.42	0.38	0.34	0.32	0.29	0.26	0.21
3	0.61	0.51	0.43	0.55	0.47	0.40	0.45	0.38	0.33	0.36	0.30	0.26	0.27	0.23	0.19	0.15
4	0.52	0.43	0.35	0.48	0.39	0.32	0.39	0.32	0.26	0.31	0.25	0.21	0.23	0.19	0.15	0.11
5	0.46	0.36	0.29	0.42	0.33	0.26	0.34	0.27	0.22	0.27	0.21	0.17	0.20	0.16	0.12	0.09
6	0.41	0.31	0.24	0.37	0.28	0.22	0.30	0.23	0.18	0.24	0.18	0.14	0.18	0.13	0.10	0.07
7	0.36	0.27	0.21	0.33	0.25	0.19	0.27	0.20	0.15	0.21	0.16	0.12	0.16	0.12	0.08	0.06
8	0.32	0.24	0.18	0.30	0.22	0.16	0.24	0.18	0.13	0.19	0.14	0.10	0.14	0.10	0.07	0.05
9	0.29	0.21	0.15	0.27	0.19	0.14	0.22	0.16	0.11	0.17	0.12	0.09	0.13	0.09	0.06	0.04
10	0.27	0.19	0.13	0.24	0.17	0.12	0.20	0.14	0.10	0.16	0.11	0.08	0.12	0.08	0.05	0.03



ARLIGHT BSI OTTO

Intensity data(cd)

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C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
22.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
45.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
67.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
90.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
112.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
135.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
157.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
180.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
202.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
225.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
247.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
270.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
292.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
315.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
337.5	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
360.0	25.26	25.92	27.02	29.08	31.88	35.49	39.95	45.05	50.62
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
22.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
45.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
67.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
90.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
112.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
135.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
157.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
180.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
202.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
225.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
247.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
270.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
292.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
315.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
337.5	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
360.0	56.92	63.94	71.01	78.84	87.02	95.37	103.99	112.49	121.62
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
22.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
45.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
67.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
90.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
112.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
135.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
157.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
180.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
202.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
225.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
247.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
270.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
292.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
315.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
337.5	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57
360.0	130.72	139.85	149.03	158.53	167.82	177.04	186.70	196.19	205.57

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C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
22.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
45.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
67.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
90.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
112.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
135.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
157.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
180.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
202.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
225.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
247.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
270.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
292.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
315.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
337.5	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
360.0	214.94	224.22	233.42	242.51	251.94	260.61	269.70	278.83	287.47
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
22.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
45.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
67.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
90.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
112.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
135.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
157.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
180.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
202.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
225.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
247.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
270.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
292.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
315.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
337.5	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
360.0	296.05	304.82	313.10	321.72	329.95	338.18	346.08	354.09	361.79
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
22.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
45.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
67.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
90.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
112.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
135.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
157.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
180.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
202.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
225.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
247.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
270.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
292.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
315.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
337.5	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05
360.0	369.72	377.26	384.72	391.91	399.41	406.45	413.38	420.03	427.05

ARLIGHT BSI OTTO

Intensity data(cd)

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C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
22.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
45.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
67.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
90.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
112.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
135.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
157.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
180.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
202.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
225.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
247.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
270.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
292.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
315.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
337.5	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
360.0	433.05	439.68	445.80	452.04	457.84	463.78	469.31	474.71	480.20
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
22.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
45.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
67.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
90.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
112.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
135.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
157.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
180.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
202.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
225.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
247.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
270.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
292.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
315.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
337.5	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
360.0	485.10	489.97	494.92	499.18	503.85	507.97	512.12	515.93	519.63
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
22.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
45.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
67.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
90.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
112.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
135.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
157.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
180.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
202.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
225.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
247.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
270.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
292.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
315.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
337.5	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96
360.0	523.01	526.35	529.52	532.38	534.99	537.54	539.84	542.09	543.96

ARLIGHT BSI OTTO

Intensity data(cd)

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C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
22.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
45.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
67.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
90.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
112.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
135.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
157.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
180.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
202.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
225.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
247.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
270.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
292.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
315.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
337.5	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79
360.0	545.66	547.29	548.71	549.84	550.85	551.57	552.17	552.63	552.79

C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
22.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
45.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
67.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
90.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
112.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
135.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
157.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
180.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
202.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
225.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
247.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
270.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
292.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
315.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
337.5	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35
360.0	552.75	552.49	552.09	551.47	550.66	549.65	548.34	546.98	545.35

C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
22.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
45.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
67.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
90.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
112.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
135.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
157.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
180.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
202.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
225.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
247.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
270.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
292.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
315.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
337.5	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61
360.0	543.63	541.66	539.46	537.06	534.47	531.79	528.85	525.65	522.61

ARLIGHT BSI OTTO

Intensity data(cd)

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C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
22.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
45.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
67.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
90.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
112.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
135.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
157.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
180.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
202.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
225.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
247.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
270.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
292.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
315.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
337.5	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
360.0	518.89	515.26	511.42	507.51	503.12	498.98	494.36	489.59	484.74
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
22.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
45.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
67.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
90.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
112.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
135.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
157.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
180.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
202.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
225.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
247.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
270.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
292.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
315.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
337.5	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
360.0	479.83	474.48	469.15	463.44	457.90	451.75	445.82	439.75	433.38
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
22.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
45.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
67.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
90.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
112.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
135.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
157.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
180.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
202.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
225.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
247.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
270.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
292.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
315.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
337.5	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09
360.0	427.14	420.23	413.46	406.66	399.61	392.47	385.09	377.54	370.09

ARLIGHT BSI OTTO

Intensity data(cd)

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C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
22.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
45.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
67.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
90.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
112.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
135.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
157.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
180.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
202.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
225.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
247.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
270.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
292.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
315.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
337.5	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
360.0	362.47	354.72	346.79	338.86	330.85	322.51	314.18	305.88	297.62
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
22.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
45.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
67.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
90.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
112.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
135.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
157.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
180.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
202.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
225.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
247.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
270.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
292.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
315.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
337.5	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
360.0	288.91	280.44	271.68	262.80	254.04	244.96	235.59	226.93	217.85
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
22.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
45.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
67.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
90.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
112.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
135.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
157.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
180.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
202.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
225.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
247.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
270.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
292.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
315.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
337.5	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71
360.0	208.67	198.92	189.64	180.66	171.59	162.54	153.29	143.94	134.71

ARLIGHT BSI OTTO

Intensity data(cd)

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C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
22.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
45.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
67.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
90.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
112.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
135.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
157.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
180.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
202.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
225.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
247.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
270.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
292.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
315.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
337.5	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90
360.0	125.87	116.73	108.03	99.74	91.14	83.07	74.91	67.49	59.90

C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
22.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
45.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
67.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
90.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
112.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
135.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
157.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
180.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
202.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
225.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
247.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
270.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
292.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
315.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
337.5	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72
360.0	53.30	46.72	41.07	35.80	31.44	27.23	24.12	22.28	20.72

C/ γ (°)	180.0
0.0	20.28
22.5	20.28
45.0	20.28
67.5	20.28
90.0	20.28
112.5	20.28
135.0	20.28
157.5	20.28
180.0	20.28
202.5	20.28
225.0	20.28
247.5	20.28
270.0	20.28
292.5	20.28
315.0	20.28
337.5	20.28
360.0	20.28