



LumCAT:
Luminaire: TY-BUR-60
Report No: Voltage(V): 220.0500
Test No: Current(A): 0.2630
LampCAT: Power (W): 57.0300
Lamp flux(lm) PF: 0.9854
Number of Lamps: 1 Ballast type:
Length(mm): 0 Width(mm): 0
Phm Type: C Height(mm): 0

Photometric Results

Lumens(lm): 5859.26
Lumens(lm)/Power(W): 102.74
Central intensity(cd): 1324.709
Maximum intensity(cd): 1354.138
Angle of maximum intensity: C=180.0 $\gamma=4.0$
Beam Angle(50%Imax): [C0/180]Total=131.8
[C90/270]Total=130.3
Field angle(10%Imax): [C0/180]Total=261.2
[C90/270]Total=260.4
Maximum s/h(1/2): C0_180=1.28 C90_270=1.27
Maximum s/h(1/4): C0_180=1.42 C90_270=1.41
Up flux rate of LUM(%): 18.09%
Down flux rate of LUM(%): 81.91%
CIE Type : Semidirect lighting
Output flux ratio in π solid angle : 53.892%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1324.709	.000	.000	.000%	.000%
1.0	1328.996	1.270	1.270	.022%	.022%
2.0	1330.434	3.817	5.087	.065%	.087%
3.0	1331.367	6.366	11.453	.109%	.195%
4.0	1331.729	8.914	20.367	.152%	.348%
5.0	1331.315	11.456	31.823	.196%	.543%
6.0	1330.110	13.987	45.810	.239%	.782%
7.0	1328.051	16.499	62.309	.282%	1.063%
8.0	1325.305	18.990	81.299	.324%	1.388%
9.0	1321.523	21.451	102.750	.366%	1.754%
10.0	1317.209	23.880	126.629	.408%	2.161%
11.0	1312.339	26.275	152.904	.448%	2.610%
12.0	1306.678	28.630	181.534	.489%	3.098%
13.0	1300.772	30.944	212.477	.528%	3.626%
14.0	1294.322	33.217	245.694	.567%	4.193%
15.0	1286.951	35.437	281.131	.605%	4.798%
16.0	1279.037	37.599	318.730	.642%	5.440%
17.0	1271.162	39.713	358.444	.678%	6.118%
18.0	1262.626	41.777	400.220	.713%	6.831%
19.0	1253.779	43.780	444.001	.747%	7.578%
20.0	1244.065	45.717	489.718	.780%	8.358%
21.0	1234.687	47.597	537.315	.812%	9.170%
22.0	1224.584	49.420	586.735	.843%	10.014%
23.0	1213.988	51.168	637.903	.873%	10.887%
24.0	1202.875	52.841	690.744	.902%	11.789%
25.0	1191.994	54.454	745.198	.929%	12.718%
26.0	1180.764	56.009	801.208	.956%	13.674%
27.0	1168.809	57.483	858.691	.981%	14.655%
28.0	1157.009	58.885	917.575	1.005%	15.660%
29.0	1145.235	60.233	977.809	1.028%	16.688%
30.0	1133.577	61.527	1039.336	1.050%	17.738%
31.0	1120.728	62.734	1102.070	1.071%	18.809%
32.0	1108.747	63.872	1165.942	1.090%	19.899%
33.0	1096.131	64.957	1230.898	1.109%	21.008%
34.0	1083.709	65.968	1296.867	1.126%	22.134%
35.0	1071.080	66.920	1363.786	1.142%	23.276%
36.0	1057.894	67.787	1431.573	1.157%	24.433%
37.0	1044.592	68.571	1500.145	1.170%	25.603%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	1031.975	69.313	1569.458	1.183%	26.786%
39.0	1018.479	69.988	1639.445	1.194%	27.980%
40.0	1005.681	70.596	1710.041	1.205%	29.185%
41.0	992.288	71.147	1781.188	1.214%	30.400%
42.0	979.426	71.636	1852.823	1.223%	31.622%
43.0	966.551	72.085	1924.908	1.230%	32.852%
44.0	953.676	72.475	1997.383	1.237%	34.089%
45.0	939.221	72.746	2070.129	1.242%	35.331%
46.0	925.814	72.937	2143.066	1.245%	36.576%
47.0	912.965	73.133	2216.199	1.248%	37.824%
48.0	900.077	73.293	2289.492	1.251%	39.075%
49.0	886.606	73.371	2362.863	1.252%	40.327%
50.0	872.863	73.358	2436.221	1.252%	41.579%
51.0	859.742	73.304	2509.525	1.251%	42.830%
52.0	846.569	73.219	2582.744	1.250%	44.080%
53.0	833.008	73.061	2655.806	1.247%	45.327%
54.0	819.200	72.822	2728.628	1.243%	46.570%
55.0	805.962	72.544	2801.173	1.238%	47.808%
56.0	792.232	72.218	2873.391	1.233%	49.040%
57.0	778.178	71.803	2945.194	1.225%	50.266%
58.0	764.682	71.347	3016.541	1.218%	51.483%
59.0	751.146	70.866	3087.407	1.209%	52.693%
60.0	736.665	70.289	3157.696	1.200%	53.892%
61.0	722.909	69.654	3227.350	1.189%	55.081%
62.0	708.609	68.979	3296.329	1.177%	56.258%
63.0	695.021	68.266	3364.595	1.165%	57.424%
64.0	680.916	67.517	3432.112	1.152%	58.576%
65.0	665.450	66.631	3498.742	1.137%	59.713%
66.0	651.215	65.693	3564.435	1.121%	60.834%
67.0	637.265	64.788	3629.224	1.106%	61.940%
68.0	622.473	63.814	3693.038	1.089%	63.029%
69.0	608.212	62.784	3755.822	1.072%	64.101%
70.0	593.653	61.726	3817.547	1.053%	65.154%
71.0	579.223	60.621	3878.168	1.035%	66.189%
72.0	564.936	59.493	3937.661	1.015%	67.204%
73.0	550.339	58.321	3995.981	.995%	68.199%
74.0	535.935	57.108	4053.090	.975%	69.174%
75.0	521.687	55.881	4108.970	.954%	70.128%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	507.465	54.631	4163.602	.932%	71.060%
77.0	493.787	53.382	4216.984	.911%	71.971%
78.0	480.316	52.144	4269.128	.890%	72.861%
79.0	466.586	50.877	4320.005	.868%	73.730%
80.0	453.491	49.603	4369.609	.847%	74.576%
81.0	440.654	48.354	4417.963	.825%	75.401%
82.0	427.857	47.098	4465.061	.804%	76.205%
83.0	415.707	45.857	4510.918	.783%	76.988%
84.0	403.881	44.650	4555.567	.762%	77.750%
85.0	393.221	43.504	4599.072	.742%	78.492%
86.0	382.082	42.379	4641.451	.723%	79.216%
87.0	370.826	41.205	4682.656	.703%	79.919%
88.0	360.567	40.064	4722.720	.684%	80.603%
89.0	350.218	38.959	4761.680	.665%	81.268%
90.0	340.983	37.897	4799.577	.647%	81.914%
91.0	331.553	36.874	4836.451	.629%	82.544%
92.0	322.654	35.858	4872.310	.612%	83.156%
93.0	314.105	34.881	4907.190	.595%	83.751%
94.0	306.373	33.958	4941.147	.580%	84.331%
95.0	298.381	33.057	4974.204	.564%	84.895%
96.0	291.049	32.170	5006.374	.549%	85.444%
97.0	284.379	31.348	5037.722	.535%	85.979%
98.0	277.799	30.561	5068.283	.522%	86.500%
99.0	271.776	29.802	5098.085	.509%	87.009%
100.0	265.584	29.060	5127.145	.496%	87.505%
101.0	260.118	28.342	5155.486	.484%	87.989%
102.0	254.859	27.670	5183.156	.472%	88.461%
103.0	249.471	26.997	5210.153	.461%	88.922%
104.0	244.795	26.352	5236.505	.450%	89.372%
105.0	239.756	25.722	5262.227	.439%	89.810%
106.0	234.899	25.079	5287.306	.428%	90.239%
107.0	230.314	24.457	5311.763	.417%	90.656%
108.0	225.845	23.854	5335.617	.407%	91.063%
109.0	221.195	23.245	5358.862	.397%	91.460%
110.0	216.636	22.629	5381.491	.386%	91.846%
111.0	212.154	22.022	5403.513	.376%	92.222%
112.0	208.074	21.438	5424.951	.366%	92.588%
113.0	203.657	20.857	5445.808	.356%	92.944%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	199.266	20.260	5466.068	.346%	93.289%
115.0	194.940	19.668	5485.737	.336%	93.625%
116.0	190.950	19.097	5504.834	.326%	93.951%
117.0	186.728	18.533	5523.367	.316%	94.267%
118.0	182.505	17.958	5541.324	.306%	94.574%
119.0	178.503	17.395	5558.720	.297%	94.871%
120.0	174.513	16.847	5575.566	.288%	95.158%
121.0	170.226	16.287	5591.853	.278%	95.436%
122.0	166.172	15.727	5607.580	.268%	95.705%
123.0	162.234	15.187	5622.766	.259%	95.964%
124.0	158.257	14.654	5637.420	.250%	96.214%
125.0	154.203	14.119	5651.539	.241%	96.455%
126.0	150.136	13.585	5665.124	.232%	96.687%
127.0	146.004	13.053	5678.177	.223%	96.910%
128.0	142.144	12.534	5690.711	.214%	97.123%
129.0	137.740	12.010	5702.721	.205%	97.328%
130.0	133.647	11.482	5714.203	.196%	97.524%
131.0	129.334	10.965	5725.167	.187%	97.712%
132.0	125.008	10.445	5735.612	.178%	97.890%
133.0	120.578	9.928	5745.540	.169%	98.059%
134.0	115.474	9.388	5754.928	.160%	98.219%
135.0	111.174	8.864	5763.792	.151%	98.371%
136.0	106.524	8.366	5772.158	.143%	98.514%
137.0	102.042	7.872	5780.030	.134%	98.648%
138.0	97.535	7.393	5787.423	.126%	98.774%
139.0	93.170	6.929	5794.352	.118%	98.892%
140.0	88.727	6.477	5800.829	.111%	99.003%
141.0	84.491	6.041	5806.870	.103%	99.106%
142.0	79.712	5.605	5812.475	.096%	99.202%
143.0	75.437	5.179	5817.653	.088%	99.290%
144.0	71.305	4.786	5822.439	.082%	99.372%
145.0	67.057	4.405	5826.845	.075%	99.447%
146.0	62.964	4.038	5830.883	.069%	99.516%
147.0	58.663	3.681	5834.563	.063%	99.579%
148.0	54.713	3.340	5837.904	.057%	99.636%
149.0	50.710	3.020	5840.924	.052%	99.687%
150.0	46.889	2.716	5843.640	.046%	99.733%
151.0	43.340	2.436	5846.076	.042%	99.775%

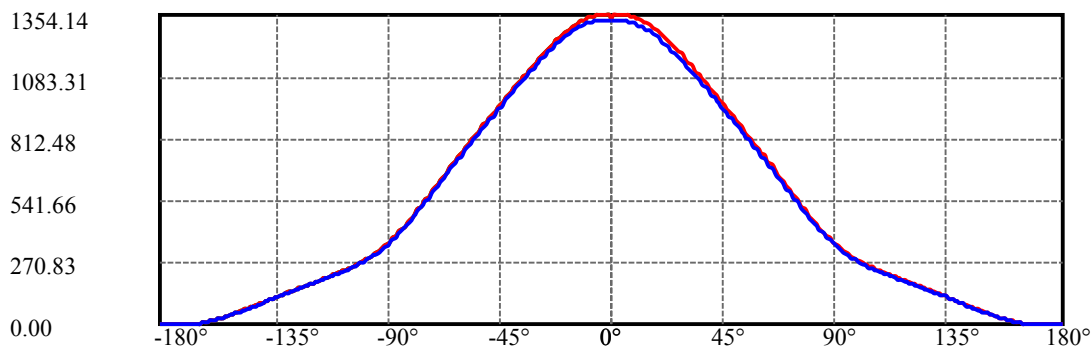
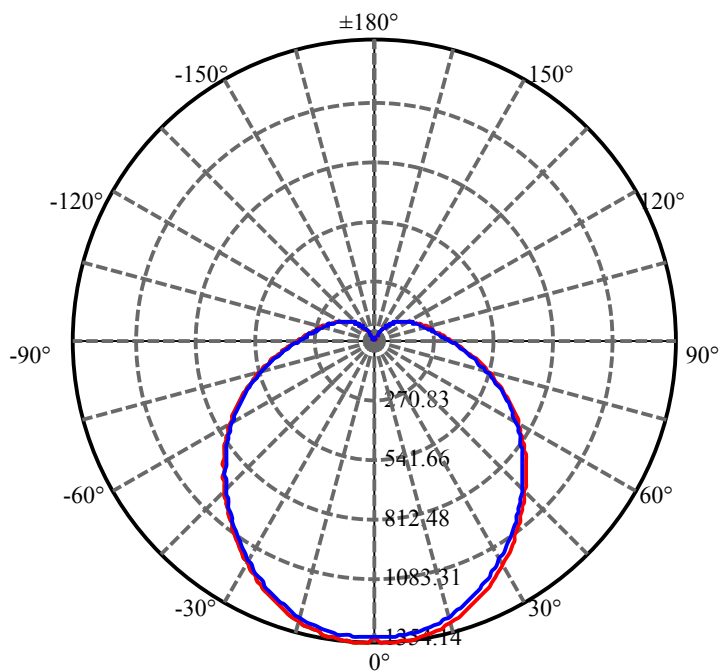
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	39.713	2.173	5848.249	.037%	99.812%
153.0	35.853	1.913	5850.162	.033%	99.845%
154.0	32.343	1.668	5851.830	.028%	99.873%
155.0	28.859	1.445	5853.275	.025%	99.898%
156.0	25.426	1.234	5854.509	.021%	99.919%
157.0	22.175	1.041	5855.550	.018%	99.937%
158.0	18.859	.861	5856.411	.015%	99.951%
159.0	15.802	.697	5857.107	.012%	99.963%
160.0	12.953	.552	5857.660	.009%	99.973%
161.0	10.051	.421	5858.081	.007%	99.980%
162.0	7.331	.302	5858.383	.005%	99.985%
163.0	5.000	.203	5858.586	.003%	99.989%
164.0	3.148	.127	5858.713	.002%	99.991%
165.0	2.241	.079	5858.792	.001%	99.992%
166.0	2.176	.061	5858.853	.001%	99.993%
167.0	2.189	.056	5858.908	.001%	99.994%
168.0	2.124	.051	5858.959	.001%	99.995%
169.0	2.189	.047	5859.007	.001%	99.996%
170.0	2.202	.044	5859.051	.001%	99.997%
171.0	2.098	.039	5859.090	.001%	99.997%
172.0	2.189	.035	5859.125	.001%	99.998%
173.0	2.072	.030	5859.155	.001%	99.998%
174.0	2.098	.026	5859.181	.000%	99.999%
175.0	2.137	.022	5859.203	.000%	99.999%
176.0	2.085	.018	5859.221	.000%	99.999%
177.0	2.059	.014	5859.235	.000%	100.000%
178.0	2.085	.010	5859.245	.000%	100.000%
179.0	2.111	.006	5859.250	.000%	100.000%
180.0	2.072	.002	5859.252	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	1039.34	17.74%
0-40	1710.04	29.19%
0-60	3157.70	53.89%
0-90	4799.58	81.91%
0-120	5575.57	95.16%
0-180	5859.25	100.00%
60-90	1712.17	29.22%
90-120	813.89	13.89%
90-130	952.52	16.26%
90-150	1081.96	18.47%
90-180	1097.57	18.73%
0-87.12	4687.40	80.00%

ZONAL LUMEN SUMMARY

0-10	126.63
10-20	363.09
20-30	549.62
30-40	670.71
40-50	726.18
50-60	721.47
60-70	659.85
70-80	552.06
80-90	429.97
90-100	327.57
100-110	254.35
110-120	194.07
120-130	138.64
130-140	86.63
140-150	42.81
150-160	14.02
160-170	1.39
170-180	0.20



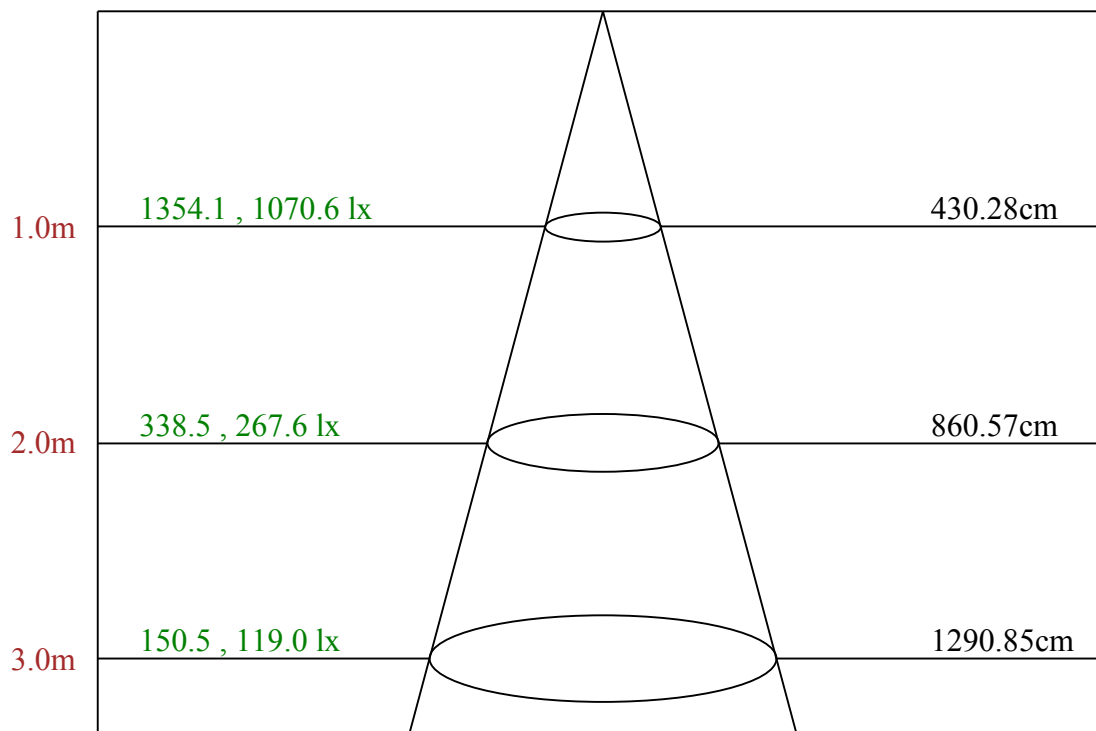
C180(Max): —————

C0/C180: —————

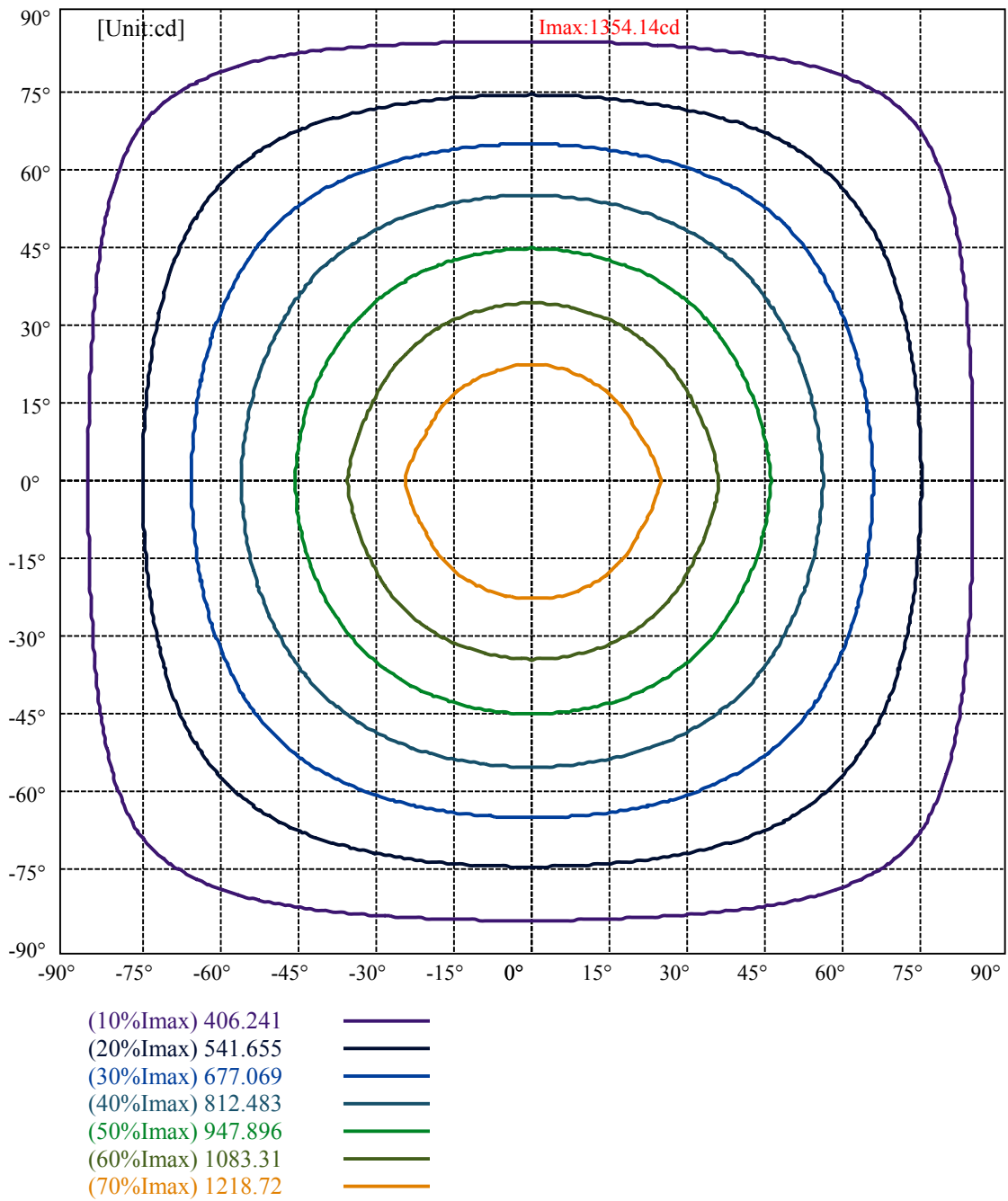
C90/C270: —————

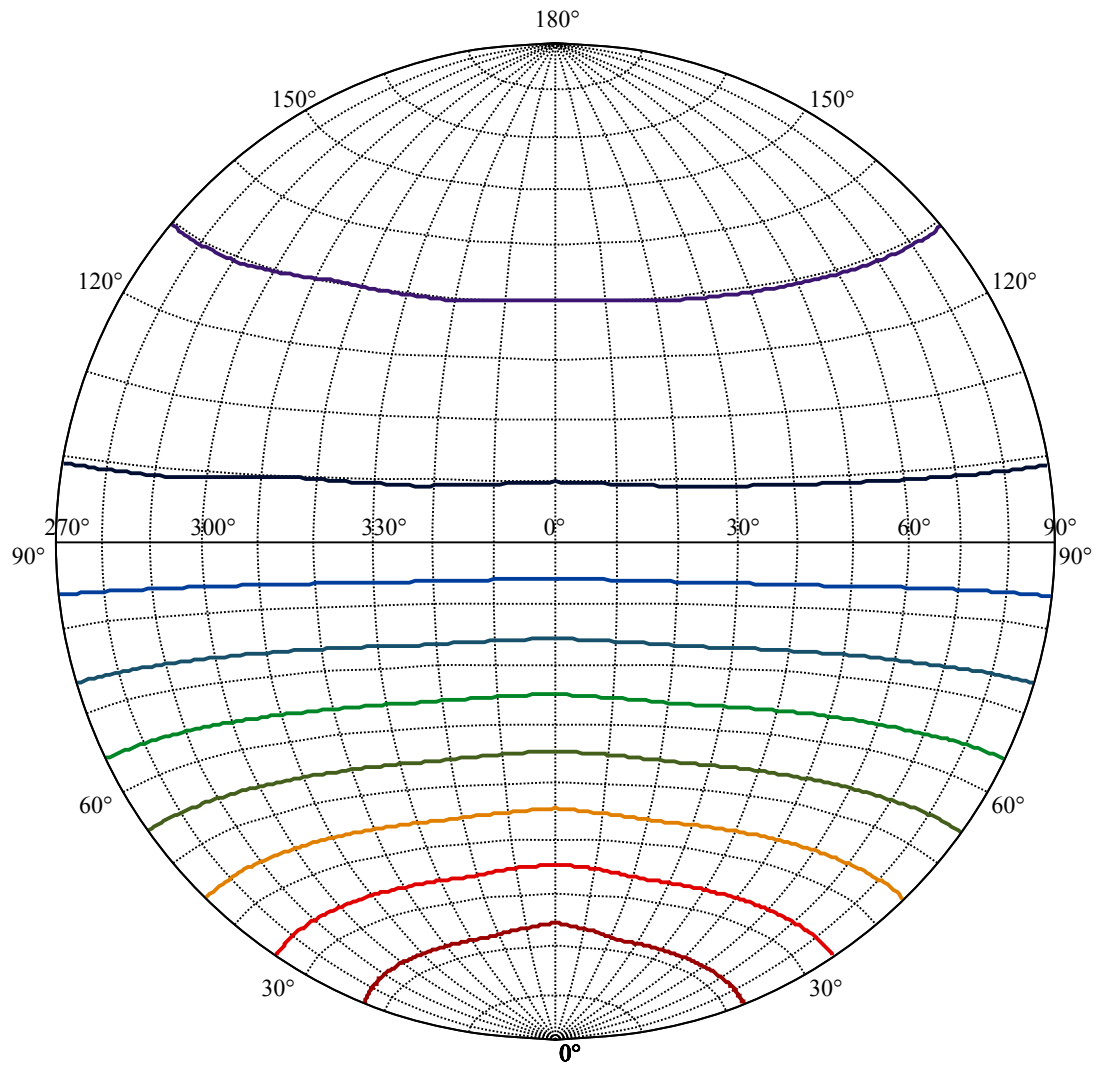
Field angle(10%Imax):C0/180Left:130.5 Right:130.7
:C90/270Left:130.3 Right:130.1

Beam Angle(50%Imax):C0/180Left:65.8 Right:66.0
:C90/270Left:65.2 Right:65.0



Max , Ave Beam angle of C180plane130.14





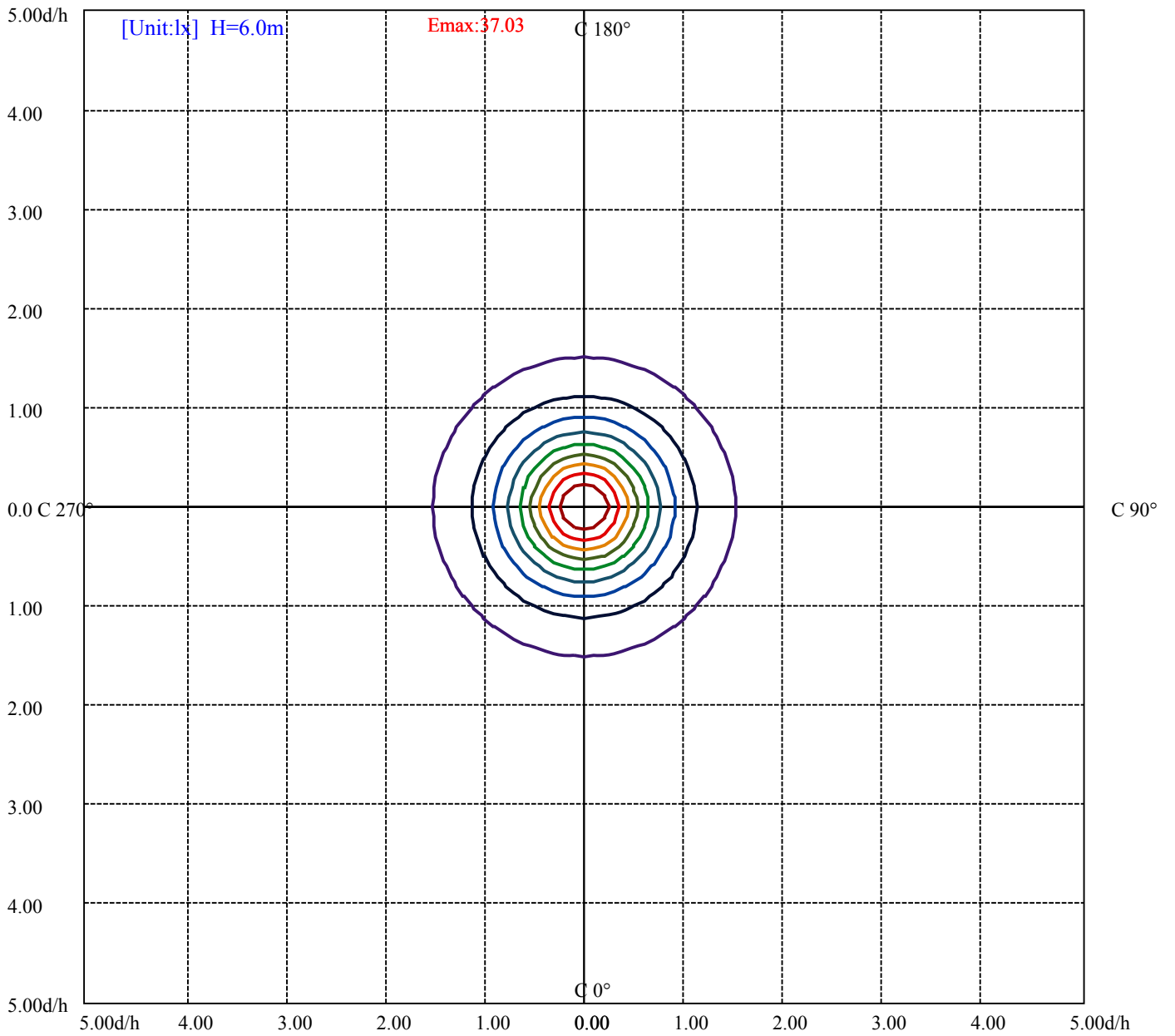
House

[Unit:cd]

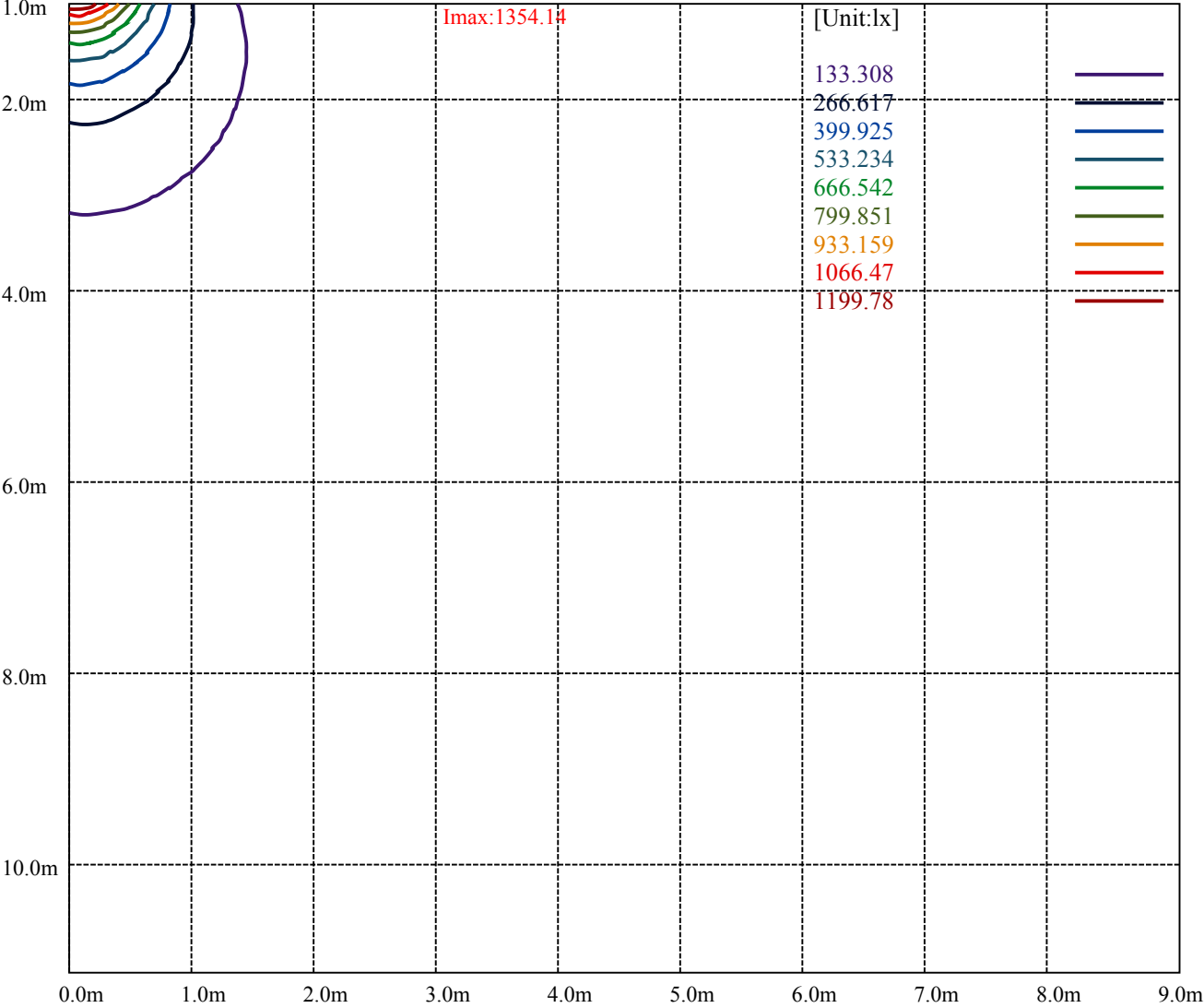
Road

I_{max}:1354.14

(10%I _{max}) 135.414	
(20%I _{max}) 270.828	
(30%I _{max}) 406.241	
(40%I _{max}) 541.655	
(50%I _{max}) 677.069	
(60%I _{max}) 812.483	
(70%I _{max}) 947.896	
(80%I _{max}) 1083.31	
(90%I _{max}) 1218.72	



- (10%Emax) 3.703
- (20%Emax) 7.406028
- (30%Emax) 11.10903
- (40%Emax) 14.81203
- (50%Emax) 18.51503
- (60%Emax) 22.21803
- (70%Emax) 25.92106
- (80%Emax) 29.62417
- (90%Emax) 33.32695



Luminance Table

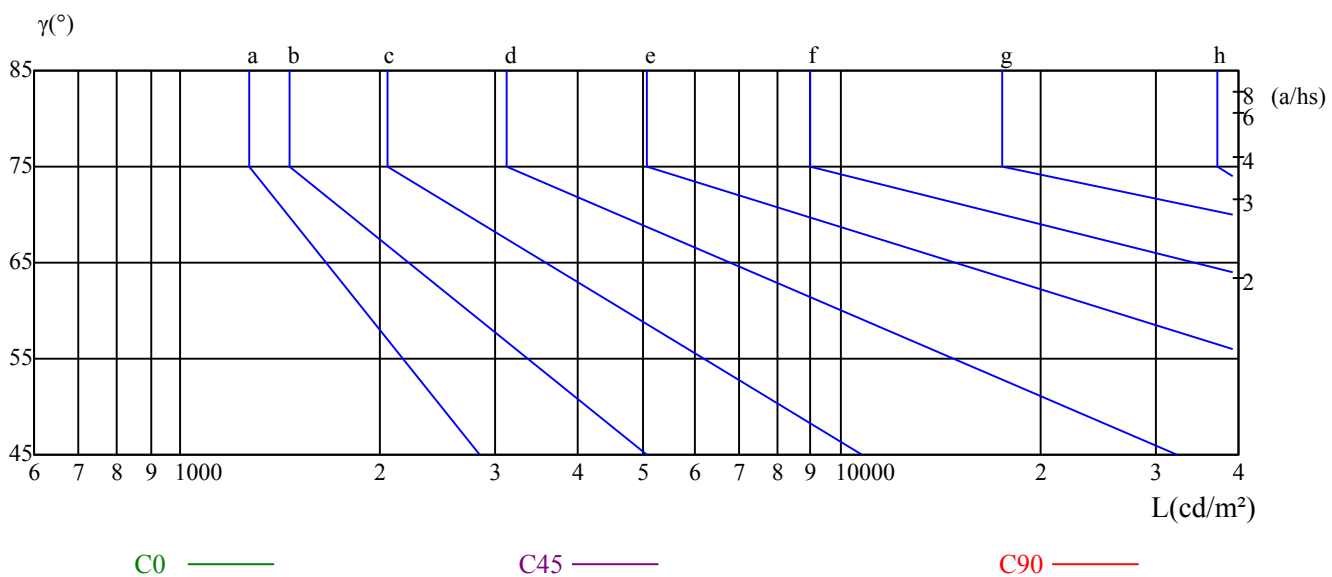
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

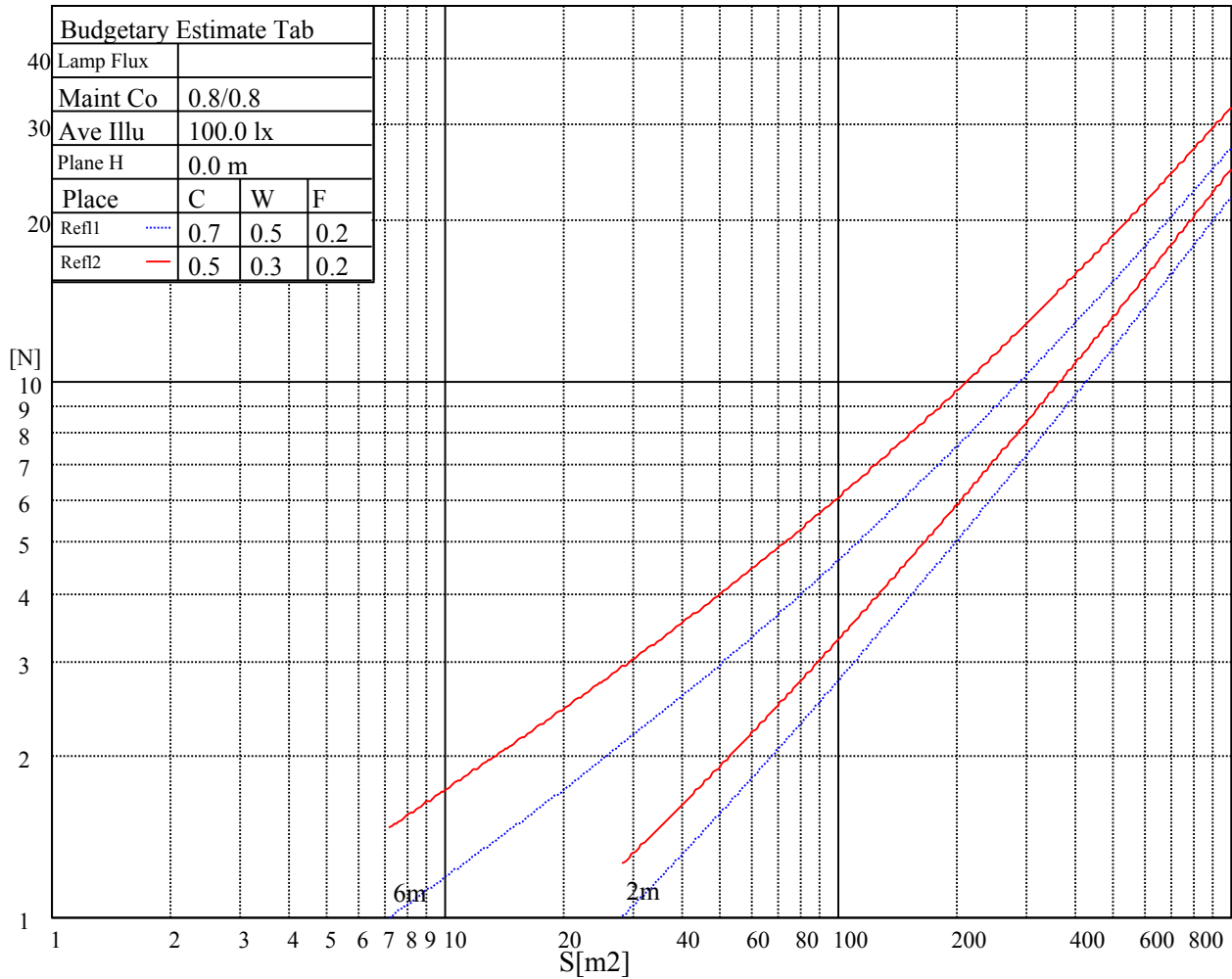
L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

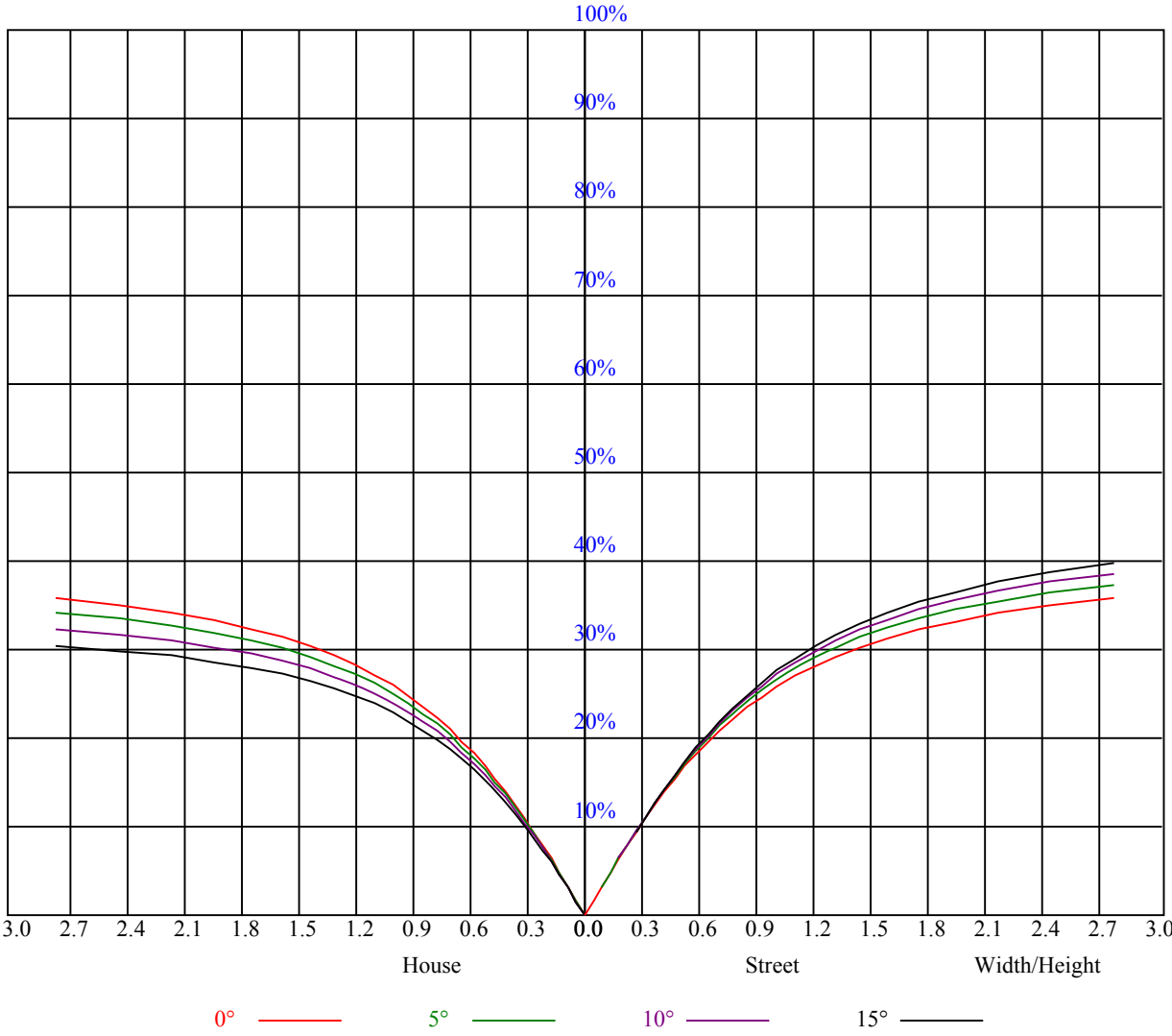
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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 RHOF=20 CU															
0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	0.93	0.93	0.93	0.85	0.85	0.85	0.82
1	0.96	0.90	0.86	0.92	0.87	0.83	0.84	0.80	0.77	0.77	0.74	0.71	0.70	0.68	0.66	0.62
2	0.82	0.74	0.68	0.78	0.71	0.65	0.72	0.66	0.61	0.66	0.61	0.57	0.60	0.56	0.53	0.50
3	0.71	0.62	0.55	0.68	0.60	0.53	0.62	0.56	0.50	0.57	0.52	0.47	0.52	0.48	0.44	0.41
4	0.63	0.53	0.46	0.60	0.51	0.45	0.55	0.48	0.42	0.51	0.44	0.40	0.46	0.41	0.37	0.34
5	0.55	0.46	0.39	0.53	0.45	0.38	0.49	0.42	0.36	0.45	0.39	0.34	0.41	0.36	0.32	0.29
6	0.50	0.40	0.34	0.48	0.39	0.33	0.44	0.37	0.31	0.41	0.34	0.29	0.38	0.32	0.28	0.25
7	0.45	0.36	0.30	0.43	0.35	0.29	0.40	0.33	0.27	0.37	0.31	0.26	0.34	0.29	0.25	0.22
8	0.41	0.32	0.26	0.39	0.31	0.25	0.36	0.29	0.24	0.34	0.28	0.23	0.31	0.26	0.22	0.20
9	0.37	0.29	0.23	0.36	0.28	0.23	0.34	0.27	0.22	0.31	0.25	0.21	0.29	0.24	0.20	0.18
10	0.34	0.26	0.21	0.33	0.26	0.21	0.31	0.24	0.20	0.29	0.23	0.19	0.27	0.22	0.18	0.16



Intensity data(cd)

Page: 18 Total:24

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	1324.71	1351.03	1352.48	1353.72	1353.93	1353.72	1352.89	1351.65	1348.54
22.5	1324.71	1325.33	1326.99	1328.03	1327.40	1326.99	1325.54	1324.29	1320.98
45.0	1324.71	1325.75	1326.99	1327.20	1327.40	1326.57	1324.92	1323.05	1320.15
67.5	1324.71	1325.33	1326.57	1327.40	1327.61	1326.37	1325.12	1322.84	1320.36
90.0	1324.71	1326.16	1327.40	1328.03	1328.03	1327.61	1326.16	1323.47	1320.77
112.5	1324.71	1326.37	1327.82	1328.44	1329.27	1328.44	1326.78	1324.09	1321.19
135.0	1324.71	1326.16	1327.82	1328.44	1328.44	1328.03	1326.57	1324.09	1320.98
157.5	1324.71	1326.99	1328.23	1328.44	1329.06	1328.85	1326.99	1324.50	1321.60
180.0	1324.71	1350.82	1352.89	1353.72	1354.14	1353.52	1352.27	1348.96	1345.43
202.5	1324.71	1325.75	1326.99	1328.23	1328.65	1328.23	1327.61	1325.75	1322.84
225.0	1324.71	1325.54	1326.78	1327.82	1328.03	1327.82	1326.57	1324.92	1322.64
247.5	1324.71	1325.33	1326.37	1327.40	1328.03	1327.82	1326.37	1324.09	1322.43
270.0	1324.71	1326.16	1326.99	1328.23	1328.65	1328.65	1328.03	1326.16	1324.09
292.5	1324.71	1325.95	1327.61	1329.06	1329.89	1329.48	1329.06	1327.20	1324.29
315.0	1324.71	1325.54	1327.40	1328.65	1329.48	1329.27	1328.65	1326.99	1324.71
337.5	1324.71	1325.75	1327.61	1329.06	1329.68	1329.68	1328.23	1326.78	1323.88
360.0	1324.71	1351.03	1352.48	1353.72	1353.93	1353.72	1352.89	1351.65	1348.54
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1344.81	1341.50	1336.11	1329.48	1324.09	1317.66	1310.20	1303.16	1295.07
22.5	1317.25	1313.73	1309.37	1302.74	1295.90	1289.68	1283.26	1274.14	1266.47
45.0	1316.42	1312.48	1307.92	1302.95	1296.94	1288.44	1281.60	1275.18	1265.44
67.5	1317.46	1311.45	1306.47	1301.50	1295.07	1288.86	1281.40	1272.69	1264.82
90.0	1317.46	1312.07	1307.51	1303.16	1297.35	1290.72	1284.50	1274.35	1266.68
112.5	1316.42	1312.07	1307.72	1301.71	1294.87	1288.44	1282.02	1273.31	1266.89
135.0	1316.42	1311.24	1306.47	1301.08	1295.07	1289.06	1279.74	1272.07	1264.19
157.5	1316.42	1311.86	1306.89	1301.71	1295.07	1288.65	1282.02	1274.35	1266.47
180.0	1342.53	1338.39	1330.72	1325.12	1319.32	1313.10	1304.61	1297.35	1288.23
202.5	1319.74	1315.59	1309.58	1304.61	1299.43	1293.21	1284.50	1277.25	1269.79
225.0	1318.91	1314.76	1310.62	1305.44	1298.18	1291.96	1285.13	1278.08	1269.38
247.5	1318.91	1314.55	1310.62	1305.44	1298.18	1291.96	1286.16	1277.87	1270.41
270.0	1320.15	1316.63	1312.07	1306.06	1300.46	1294.66	1286.58	1278.70	1270.83
292.5	1320.77	1316.63	1312.27	1306.68	1301.29	1295.28	1286.16	1279.32	1271.65
315.0	1320.15	1316.21	1311.24	1304.19	1300.88	1292.79	1285.75	1278.70	1271.24
337.5	1320.56	1316.21	1311.86	1305.02	1300.25	1294.66	1287.61	1278.08	1271.03
360.0	1344.81	1341.50	1336.11	1329.48	1324.09	1317.66	1310.20	1303.16	1295.07
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1286.99	1277.25	1266.47	1257.56	1247.41	1237.46	1225.44	1215.08	1204.51
22.5	1257.15	1250.31	1239.32	1230.41	1219.43	1209.48	1198.91	1188.55	1177.15
45.0	1256.94	1248.24	1239.32	1230.21	1217.36	1207.62	1197.05	1186.89	1176.11
67.5	1256.94	1246.58	1238.08	1228.34	1218.81	1207.62	1197.05	1186.68	1176.32
90.0	1258.60	1249.89	1239.74	1230.00	1220.26	1210.72	1196.84	1186.48	1175.91
112.5	1256.11	1247.41	1238.29	1228.96	1218.19	1208.24	1198.08	1187.31	1173.42
135.0	1256.32	1247.82	1237.25	1227.93	1218.39	1206.17	1196.42	1185.86	1173.42
157.5	1255.70	1247.20	1238.08	1229.17	1219.43	1205.96	1195.60	1185.23	1174.66
180.0	1280.15	1271.24	1261.71	1249.27	1240.98	1230.83	1220.26	1206.37	1195.39
202.5	1261.29	1253.00	1241.19	1232.28	1223.16	1212.38	1202.43	1192.07	1181.50
225.0	1262.54	1251.34	1242.64	1233.73	1223.99	1212.38	1202.23	1191.66	1179.22
247.5	1261.09	1254.04	1243.47	1233.11	1223.57	1213.63	1203.06	1188.96	1178.39
270.0	1262.74	1253.00	1244.30	1236.84	1223.78	1213.83	1203.89	1193.32	1181.09
292.5	1263.78	1255.08	1246.37	1236.01	1226.48	1216.53	1203.26	1192.90	1182.33
315.0	1263.57	1253.62	1244.51	1236.01	1226.27	1215.08	1203.06	1192.90	1181.92
337.5	1262.12	1254.45	1244.30	1235.18	1225.85	1215.91	1202.43	1191.66	1180.88
360.0	1286.99	1277.25	1266.47	1257.56	1247.41	1237.46	1225.44	1215.08	1204.51

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 19 Total:24

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1191.45	1182.12	1166.58	1155.39	1143.16	1131.56	1117.26	1105.24	1092.80
22.5	1163.06	1151.87	1141.09	1129.48	1116.01	1104.20	1092.60	1080.37	1068.35
45.0	1163.06	1152.07	1140.68	1129.69	1114.36	1102.54	1091.14	1078.71	1066.69
67.5	1165.34	1151.04	1139.43	1127.83	1114.36	1102.96	1091.14	1079.54	1065.45
90.0	1164.92	1151.87	1140.68	1129.48	1117.88	1104.20	1092.80	1081.20	1068.76
112.5	1162.44	1151.45	1140.26	1128.45	1113.53	1104.41	1092.18	1080.37	1064.20
135.0	1160.57	1151.25	1140.26	1129.07	1113.53	1101.92	1090.32	1076.43	1064.62
157.5	1163.68	1150.62	1139.02	1127.62	1116.22	1102.13	1090.94	1074.56	1062.75
180.0	1183.78	1172.18	1160.36	1145.03	1133.22	1120.78	1108.76	1097.15	1084.93
202.5	1166.58	1154.98	1143.78	1132.80	1119.12	1105.24	1093.42	1081.61	1069.38
225.0	1166.17	1155.18	1143.58	1133.01	1118.92	1107.31	1095.50	1083.27	1069.38
247.5	1167.62	1156.63	1145.65	1132.18	1120.57	1108.97	1094.87	1083.27	1071.25
270.0	1169.90	1158.91	1143.99	1132.80	1120.99	1109.38	1097.78	1084.10	1072.08
292.5	1171.14	1158.08	1147.10	1135.91	1124.10	1112.49	1096.74	1084.72	1072.49
315.0	1170.73	1156.43	1145.24	1133.84	1122.23	1110.42	1096.74	1084.93	1072.70
337.5	1170.52	1157.46	1146.06	1134.67	1123.47	1111.45	1095.91	1083.89	1071.46
360.0	1191.45	1182.12	1166.58	1155.39	1143.16	1131.56	1117.26	1105.24	1092.80
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	1076.22	1064.00	1051.15	1038.50	1025.86	1011.36	998.51	985.45	972.60
22.5	1052.60	1040.16	1027.73	1013.63	1000.99	988.77	975.92	961.82	948.97
45.0	1052.80	1040.58	1028.14	1015.91	999.54	986.90	974.47	962.03	949.39
67.5	1053.63	1039.13	1026.90	1014.88	1002.65	990.01	973.22	960.99	948.77
90.0	1052.80	1040.78	1030.63	1014.05	1002.03	989.39	977.16	964.93	952.50
112.5	1052.18	1040.16	1028.35	1013.84	1001.82	989.18	977.16	964.93	947.94
135.0	1052.18	1040.37	1027.93	1011.77	999.96	987.31	975.29	960.99	948.56
157.5	1050.52	1040.37	1024.20	1012.18	1000.16	987.73	973.84	961.20	948.77
180.0	1068.14	1056.12	1043.27	1031.25	1016.54	1003.89	991.46	978.82	965.97
202.5	1057.78	1041.41	1029.59	1017.16	1004.52	990.22	978.20	965.55	952.70
225.0	1057.57	1045.14	1033.32	1016.95	1004.10	991.67	977.57	964.93	952.70
247.5	1059.23	1042.65	1030.63	1017.99	1005.55	990.63	978.40	966.18	953.53
270.0	1059.85	1047.83	1033.12	1018.61	1006.17	993.95	981.30	966.80	954.16
292.5	1060.68	1045.55	1031.25	1018.61	1005.97	991.67	979.23	966.38	953.95
315.0	1060.27	1044.10	1032.08	1019.64	1006.80	992.50	979.85	967.42	954.78
337.5	1059.85	1045.14	1033.32	1020.68	1008.25	991.46	979.23	966.38	953.53
360.0	1076.22	1064.00	1051.15	1038.50	1025.86	1011.36	998.51	985.45	972.60
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	955.61	942.76	929.91	916.85	904.21	889.08	876.02	862.76	849.91
22.5	934.05	921.62	909.18	894.47	881.83	869.18	856.34	841.83	828.77
45.0	935.09	922.45	907.73	895.09	882.66	870.01	854.88	842.45	827.74
67.5	936.12	921.41	909.18	896.54	881.41	869.39	856.54	843.90	830.84
90.0	935.92	923.28	908.77	898.41	883.69	870.84	858.20	843.69	831.05
112.5	935.92	923.69	911.26	896.33	883.90	871.67	858.82	842.04	829.60
135.0	935.92	923.48	911.26	898.82	882.45	869.81	857.79	844.94	832.30
157.5	936.33	923.90	907.32	895.09	882.66	870.22	855.51	843.07	830.22
180.0	948.77	937.37	924.52	911.67	896.54	883.69	871.26	858.41	843.49
202.5	938.82	923.90	911.46	898.61	884.52	871.88	858.62	845.97	831.26
225.0	939.86	923.28	912.91	897.99	885.35	870.64	857.99	845.56	832.71
247.5	937.16	924.52	911.67	899.03	884.73	871.88	859.03	846.39	831.47
270.0	941.72	925.14	912.08	901.72	888.87	872.09	859.24	846.60	834.16
292.5	939.65	924.73	912.08	899.65	887.22	872.09	857.16	844.52	831.88
315.0	937.58	925.14	914.57	899.86	887.22	872.09	859.86	847.01	831.88
337.5	939.03	926.38	913.54	901.10	888.46	871.26	858.62	845.97	830.84
360.0	955.61	942.76	929.91	916.85	904.21	889.08	876.02	862.76	849.91

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 20 Total:24

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	832.50	819.24	805.98	793.13	777.58	764.11	750.85	737.17	718.93
22.5	816.13	802.87	785.67	772.82	759.97	746.70	730.95	717.69	704.63
45.0	814.68	802.04	788.98	773.85	760.80	747.95	734.27	716.65	703.39
67.5	814.26	801.21	788.57	775.72	760.38	747.12	733.23	719.97	706.50
90.0	818.20	805.35	790.43	777.58	762.45	751.68	734.06	720.80	707.33
112.5	816.75	804.32	788.98	776.34	763.70	750.64	735.30	722.04	708.98
135.0	815.51	803.07	790.43	777.38	764.53	749.60	736.55	723.49	705.67
157.5	818.00	801.00	788.36	775.51	762.66	749.60	732.20	718.93	706.08
180.0	830.84	817.58	804.32	787.12	774.06	760.59	745.25	731.99	718.52
202.5	818.62	806.18	792.92	776.13	763.28	750.02	736.96	721.83	708.36
225.0	817.37	804.73	792.09	777.17	764.32	751.26	738.21	720.38	707.33
247.5	819.03	805.98	793.33	776.34	763.08	750.23	737.17	721.63	708.57
270.0	821.10	808.25	791.05	778.41	765.36	749.81	732.61	723.91	710.44
292.5	818.82	803.90	790.85	777.79	765.36	750.02	736.76	723.91	707.95
315.0	816.96	804.32	791.47	778.20	763.08	750.02	736.55	723.70	707.95
337.5	818.41	805.35	792.30	777.38	764.32	748.98	735.72	722.46	707.12
360.0	832.50	819.24	805.98	793.13	777.58	764.11	750.85	737.17	718.93
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	705.25	694.06	678.11	661.94	648.05	634.17	620.49	601.63	587.54
22.5	691.16	675.20	659.45	645.98	632.51	618.42	602.46	588.78	575.10
45.0	690.13	676.65	660.70	646.81	631.06	617.38	603.50	587.54	573.86
67.5	693.23	675.20	661.53	648.05	634.17	618.21	604.53	590.86	577.18
90.0	693.86	680.59	662.56	648.88	635.21	621.73	607.85	591.89	578.21
112.5	695.31	677.69	664.01	650.54	636.86	621.11	607.43	593.76	580.08
135.0	692.40	678.93	665.67	651.99	636.24	620.28	606.61	592.93	579.46
157.5	692.61	679.56	665.88	650.33	636.45	620.70	607.02	593.55	577.38
180.0	704.84	690.95	675.20	659.45	645.57	631.89	617.80	603.91	585.47
202.5	695.31	681.84	663.81	650.54	637.07	623.39	607.64	594.17	580.49
225.0	693.86	680.80	665.05	651.78	637.90	622.15	608.68	595.00	579.25
247.5	695.10	681.63	664.01	650.54	639.14	620.91	607.43	593.76	580.08
270.0	696.76	681.21	665.67	651.99	638.52	622.77	609.30	595.21	579.46
292.5	694.68	681.21	663.39	649.92	636.24	622.36	606.61	593.13	579.25
315.0	692.40	678.93	665.46	651.99	636.24	622.56	606.40	590.44	576.97
337.5	693.44	680.18	666.71	648.68	635.00	621.53	607.64	591.89	577.80
360.0	705.25	694.06	678.11	661.94	648.05	634.17	620.49	601.63	587.54
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	573.65	559.77	545.88	529.72	516.25	503.19	489.93	472.52	459.88
22.5	558.94	545.26	532.00	516.25	502.98	489.93	477.08	462.16	449.93
45.0	560.18	546.50	530.55	517.28	504.02	490.76	473.55	460.91	450.34
67.5	558.52	545.05	531.38	520.39	502.57	489.51	476.46	461.74	449.10
90.0	564.33	550.44	534.48	521.43	505.68	490.55	477.49	464.85	452.42
112.5	566.40	547.96	534.48	521.01	507.75	492.41	479.36	466.92	454.28
135.0	563.50	549.61	536.14	523.09	505.26	492.21	479.36	466.72	454.49
157.5	564.12	550.24	536.97	519.15	506.09	493.04	480.19	467.34	451.17
180.0	571.58	557.70	544.02	528.27	514.80	501.74	488.27	473.55	460.91
202.5	567.02	553.34	535.31	521.84	508.99	495.52	482.88	466.30	453.87
225.0	567.85	549.82	536.14	522.88	507.54	494.28	481.64	468.79	452.42
247.5	564.12	550.44	536.97	521.22	508.16	493.04	480.19	465.47	455.11
270.0	565.78	549.61	536.14	522.67	509.41	494.07	481.22	468.58	456.15
292.5	565.57	551.89	533.86	520.39	507.13	494.07	478.94	466.51	453.66
315.0	563.08	549.41	535.73	520.18	506.92	493.66	478.53	465.89	451.59
337.5	564.33	548.37	534.90	521.22	505.88	492.62	479.98	467.13	450.55
360.0	573.65	559.77	545.88	529.72	516.25	503.19	489.93	472.52	459.88

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 21 Total:24

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	447.65	435.21	421.33	406.41	398.95	388.17	374.28	364.54	354.80
22.5	437.49	425.68	412.21	401.02	390.03	379.47	365.99	358.12	348.38
45.0	438.32	426.51	410.97	399.78	388.79	378.22	366.41	356.67	347.14
67.5	436.87	425.27	413.45	402.06	390.86	376.98	368.27	358.53	349.00
90.0	438.12	426.30	414.28	403.30	391.90	379.47	369.31	359.16	349.83
112.5	437.91	426.10	414.70	403.51	390.66	381.74	371.59	359.78	350.24
135.0	439.98	428.17	416.77	405.37	392.52	381.74	369.93	359.98	350.66
157.5	441.02	429.00	417.18	404.13	393.35	382.57	372.42	362.47	349.62
180.0	448.69	432.52	420.71	413.04	399.98	389.21	375.11	365.17	355.42
202.5	441.64	427.75	416.15	404.96	393.97	381.54	370.97	361.23	348.79
225.0	440.60	428.58	416.98	403.92	393.14	380.50	370.35	360.61	349.41
247.5	443.09	427.13	415.53	404.13	393.14	382.57	368.90	359.16	349.41
270.0	439.98	427.96	416.35	405.16	392.31	381.54	371.18	358.12	348.79
292.5	441.43	425.89	414.08	402.88	390.24	379.47	369.52	359.57	348.59
315.0	439.36	427.13	415.73	400.60	401.02	390.03	379.05	369.10	356.05
337.5	438.32	426.51	414.90	401.85	390.66	380.09	369.93	356.88	347.34
360.0	447.65	435.21	421.33	406.41	398.95	388.17	374.28	364.54	354.80
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	345.89	335.11	327.03	318.95	310.04	302.78	296.15	289.52	281.23
22.5	339.47	329.10	320.82	310.25	302.78	295.74	289.11	281.65	275.43
45.0	338.02	329.52	318.33	311.90	303.82	294.49	287.66	281.23	275.22
67.5	338.43	328.07	319.78	310.66	302.99	294.70	288.07	281.65	275.43
90.0	337.60	330.56	322.06	313.77	303.82	296.77	289.73	283.10	275.22
112.5	340.92	332.42	322.47	314.18	306.52	296.77	290.14	283.51	277.29
135.0	341.33	332.84	322.68	314.60	307.14	299.68	290.56	284.13	277.92
157.5	341.95	333.04	323.09	313.98	306.31	299.05	291.18	284.55	278.33
180.0	347.76	336.98	327.24	319.16	311.28	302.99	295.95	289.31	282.89
202.5	339.67	330.97	322.68	314.80	306.93	298.64	290.97	284.75	278.54
225.0	340.30	331.59	323.30	314.18	306.52	299.26	291.59	285.17	277.92
247.5	340.30	331.80	320.82	312.94	306.72	297.40	290.56	284.34	278.12
270.0	339.67	330.97	322.68	312.11	305.69	298.85	292.01	283.30	277.29
292.5	339.26	330.35	319.57	311.70	304.03	296.77	288.69	282.68	276.67
315.0	346.72	331.80	328.69	320.40	312.53	302.58	295.53	288.69	281.23
337.5	338.43	329.73	321.23	312.11	304.86	297.60	288.90	282.47	276.05
360.0	345.89	335.11	327.03	318.95	310.04	302.78	296.15	289.52	281.23
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	275.22	269.83	264.44	258.64	253.87	248.90	244.55	239.37	233.77
22.5	269.63	264.03	258.02	252.22	247.45	242.68	238.12	232.94	228.59
45.0	269.42	262.16	256.98	252.22	246.62	241.85	237.30	232.74	228.38
67.5	269.63	262.58	257.40	252.01	247.24	241.85	237.09	232.74	228.18
90.0	270.25	264.86	259.47	252.63	248.07	243.10	238.33	233.15	228.80
112.5	271.49	264.03	258.85	253.87	248.90	244.13	238.75	234.19	229.63
135.0	271.91	265.27	259.89	254.91	250.14	245.38	238.95	234.60	229.83
157.5	272.32	264.86	259.47	254.29	249.52	244.55	238.95	233.77	229.42
180.0	275.01	269.21	263.82	258.85	252.84	247.86	243.31	238.75	232.32
202.5	272.73	266.10	260.92	255.95	249.52	245.59	240.20	235.64	231.29
225.0	272.11	266.72	259.68	254.50	249.94	245.17	239.99	235.43	231.91
247.5	271.28	266.10	260.92	255.74	249.32	245.38	240.61	234.60	230.25
270.0	271.70	265.07	260.09	255.12	249.32	245.38	239.16	234.81	230.46
292.5	270.04	264.65	258.64	253.87	248.90	244.13	239.16	233.77	229.21
315.0	275.22	269.83	264.03	258.85	252.22	247.86	243.10	237.92	233.15
337.5	270.45	264.03	259.26	254.08	247.66	242.89	238.54	233.98	229.83
360.0	275.22	269.83	264.44	258.64	253.87	248.90	244.55	239.37	233.77

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 22 Total:24

C/ γ (°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	229.42	225.07	220.72	215.12	210.98	207.04	202.89	198.33	194.40
22.5	224.24	219.89	214.50	210.35	206.21	202.06	197.92	193.57	189.63
45.0	223.82	219.06	214.71	209.73	206.00	202.48	197.09	192.94	189.42
67.5	223.82	218.23	214.29	209.94	206.00	201.23	197.30	193.36	189.21
90.0	224.24	220.09	214.50	210.35	206.21	202.06	197.30	193.36	189.42
112.5	225.28	219.47	215.33	211.18	207.04	202.89	198.13	194.19	190.25
135.0	225.48	221.34	216.16	212.01	207.66	202.89	198.96	194.81	189.63
157.5	225.07	220.72	216.36	211.39	208.07	202.48	198.54	194.60	190.46
180.0	228.80	223.62	219.47	215.12	210.98	205.17	202.06	197.71	193.77
202.5	226.73	221.34	216.78	212.84	208.90	204.55	199.16	195.22	191.08
225.0	226.10	221.96	217.61	213.05	208.49	204.34	200.20	195.02	191.08
247.5	225.69	221.75	216.57	212.43	208.49	204.55	198.96	194.40	191.08
270.0	225.28	221.13	216.99	212.63	207.87	203.93	199.99	194.60	190.67
292.5	225.07	220.51	216.57	210.98	207.04	202.89	198.96	194.40	190.46
315.0	229.01	224.65	219.47	215.33	211.18	207.24	202.06	197.71	193.98
337.5	225.48	220.30	216.16	212.01	208.07	202.69	198.75	194.81	190.67
360.0	229.42	225.07	220.72	215.12	210.98	207.04	202.89	198.33	194.40
C/ γ (°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	190.25	186.31	181.75	177.82	173.88	169.32	164.97	161.03	157.09
22.5	185.07	181.13	177.40	173.46	168.90	165.17	161.44	157.09	153.36
45.0	185.28	180.92	176.99	173.26	169.53	164.35	161.86	156.88	153.15
67.5	185.48	180.10	176.37	172.63	168.08	164.55	160.61	156.88	152.74
90.0	185.48	180.92	176.99	173.26	168.08	164.35	160.61	156.88	153.15
112.5	184.86	180.92	177.19	173.26	169.32	164.76	161.03	157.30	153.57
135.0	185.69	181.75	177.82	173.88	169.11	165.38	161.65	157.71	152.74
157.5	186.31	181.13	177.19	173.26	169.53	164.76	161.24	157.30	153.57
180.0	188.39	184.45	180.10	175.74	171.18	167.87	163.31	159.37	155.85
202.5	187.35	183.41	179.27	174.29	170.56	166.62	162.69	158.13	154.40
225.0	187.14	183.00	178.65	174.71	170.77	167.04	161.65	158.13	154.40
247.5	187.97	182.79	178.85	174.91	171.18	166.62	162.69	158.75	153.78
270.0	186.73	183.00	178.85	174.50	170.56	166.62	161.86	157.92	154.81
292.5	185.90	181.75	178.23	174.50	169.73	166.00	162.27	158.54	153.36
315.0	189.42	186.31	181.75	177.82	173.46	169.53	165.80	161.86	156.88
337.5	186.31	182.17	178.65	174.91	169.73	165.80	162.07	158.34	154.40
360.0	190.25	186.31	181.75	177.82	173.88	169.32	164.97	161.03	157.09
C/ γ (°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	153.15	148.59	144.66	140.10	136.57	130.77	126.63	122.27	116.89
22.5	148.59	145.07	141.13	136.57	132.84	128.70	124.76	119.79	114.81
45.0	149.42	145.49	140.51	136.57	132.64	128.49	124.35	119.99	114.40
67.5	148.18	144.24	141.34	136.78	132.84	128.08	124.14	119.58	114.61
90.0	149.42	144.86	141.13	136.57	132.84	128.49	124.55	123.10	114.40
112.5	148.59	144.66	140.93	136.78	133.05	128.28	123.93	119.37	115.44
135.0	149.01	145.07	141.13	136.99	132.84	128.91	124.55	119.37	115.02
157.5	149.84	145.28	140.72	136.99	132.84	128.70	123.93	119.79	114.40
180.0	151.29	147.14	143.41	139.48	134.29	130.36	126.42	121.86	116.26
202.5	150.46	146.31	142.58	137.40	133.26	129.32	124.76	119.58	114.81
225.0	150.46	146.52	142.58	137.20	133.26	128.91	124.55	119.37	115.02
247.5	149.84	145.90	142.17	137.61	134.09	129.94	124.97	119.99	115.44
270.0	150.87	145.69	141.96	138.03	133.88	129.11	124.76	120.41	116.06
292.5	149.42	145.69	142.38	137.20	132.84	129.11	124.76	119.99	115.44
315.0	153.36	149.42	145.28	141.13	137.20	133.26	129.11	124.55	120.20
337.5	150.25	146.11	142.38	138.44	133.05	128.91	123.93	120.20	114.40
360.0	153.15	148.59	144.66	140.10	136.57	130.77	126.63	122.27	116.89

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 23 Total:24

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	112.95	108.39	104.04	99.06	94.71	89.74	85.59	81.45	77.10
22.5	110.46	106.52	102.17	97.41	93.26	88.91	84.97	79.17	75.23
45.0	110.25	106.11	101.34	96.99	92.22	88.70	84.76	79.17	75.23
67.5	110.46	106.32	100.51	97.20	93.26	88.29	83.52	78.96	75.02
90.0	110.25	106.11	101.14	96.99	92.85	88.49	84.56	78.75	74.82
112.5	109.63	105.49	101.14	96.99	92.02	87.87	83.73	79.58	74.40
135.0	110.88	106.52	100.72	96.58	92.22	88.08	84.14	78.75	74.61
157.5	110.67	105.28	101.14	97.20	92.85	87.25	83.11	78.96	74.82
180.0	111.70	107.56	103.42	98.23	94.09	89.74	85.59	80.20	75.64
202.5	111.29	106.73	102.59	96.99	92.43	88.29	83.93	79.17	75.23
225.0	110.88	105.90	102.17	96.58	92.22	88.29	84.56	78.96	75.23
247.5	111.29	105.49	101.34	96.99	93.47	87.87	83.73	79.37	75.02
270.0	111.70	106.11	101.76	97.61	92.64	88.29	84.14	79.79	75.64
292.5	110.46	106.11	101.96	96.99	92.64	88.49	84.56	79.79	75.02
315.0	115.64	110.05	105.69	101.34	97.20	93.05	87.46	83.31	79.37
337.5	110.25	105.69	101.55	97.41	92.64	88.29	83.52	80.00	74.61
360.0	112.95	108.39	104.04	99.06	94.71	89.74	85.59	81.45	77.10
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	72.95	68.81	63.42	59.48	55.54	51.19	47.46	43.94	40.21
22.5	71.50	67.35	62.80	58.86	55.13	51.40	47.25	43.52	40.21
45.0	71.08	67.15	63.21	58.86	54.92	50.36	46.84	43.31	39.38
67.5	71.08	66.32	62.38	58.65	54.92	51.19	46.42	42.90	39.38
90.0	70.67	66.53	62.59	57.41	53.68	49.95	46.42	42.90	38.96
112.5	70.26	66.32	62.38	58.44	53.88	49.74	46.22	42.69	39.17
135.0	70.67	66.53	61.97	58.03	54.30	50.57	46.42	42.90	39.38
157.5	70.88	66.32	62.38	58.65	54.71	50.77	46.22	42.49	39.38
180.0	71.91	67.77	64.04	59.27	55.33	51.60	47.25	43.73	40.41
202.5	71.08	66.53	62.59	57.82	53.68	49.95	46.22	43.31	39.58
225.0	70.88	66.32	63.00	57.82	54.30	49.74	46.84	43.11	39.17
247.5	71.29	65.90	61.97	58.24	54.92	49.95	46.42	42.90	39.38
270.0	70.26	66.32	62.38	58.44	53.88	50.15	46.63	43.31	39.79
292.5	70.67	66.94	62.80	58.24	54.30	50.57	47.04	42.49	38.96
315.0	75.23	71.08	66.94	61.76	57.82	54.30	50.36	46.63	43.11
337.5	70.46	66.73	62.59	58.65	54.09	49.95	46.22	43.31	38.96
360.0	72.95	68.81	63.42	59.48	55.54	51.19	47.46	43.94	40.21
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	36.89	32.33	29.01	25.49	22.38	19.27	15.34	13.06	10.57
22.5	35.85	32.54	28.60	25.28	22.38	18.65	15.75	13.06	10.57
45.0	35.85	32.54	28.81	25.49	22.38	19.27	15.54	12.64	9.95
67.5	35.85	31.71	28.19	24.87	21.97	18.86	15.96	13.06	9.53
90.0	35.65	32.12	28.81	24.66	21.35	18.24	15.96	12.43	9.53
112.5	35.23	31.92	28.60	25.49	21.55	18.65	15.75	13.06	9.53
135.0	34.82	31.71	28.19	25.28	21.97	18.44	15.54	12.85	9.95
157.5	35.44	31.71	28.60	25.28	22.18	18.65	15.75	13.06	9.53
180.0	36.27	32.33	29.01	25.70	22.38	18.65	15.75	13.06	10.16
202.5	36.06	31.50	28.19	24.87	22.38	18.24	15.34	12.02	9.53
225.0	35.85	32.33	29.01	24.66	21.55	18.44	15.54	12.23	9.74
247.5	35.44	32.12	28.81	25.49	21.55	18.44	15.34	12.64	9.95
270.0	35.23	31.92	28.81	25.28	21.55	18.44	15.75	12.85	9.53
292.5	35.44	32.74	28.60	25.28	21.76	18.65	15.34	12.85	9.95
315.0	38.55	35.85	31.71	28.60	25.49	22.18	18.24	15.96	13.06
337.5	35.23	32.12	28.81	25.08	21.97	18.65	15.96	12.43	9.74
360.0	36.89	32.33	29.01	25.49	22.38	19.27	15.34	13.06	10.57

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40

Intensity data(cd)

Page: 24 Total:24

C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	7.67	4.77	3.11	2.07	2.07	2.28	2.28	2.28	2.28
22.5	7.25	5.39	3.52	2.49	2.49	2.49	2.28	2.49	2.28
45.0	7.67	5.39	3.32	2.49	2.28	2.28	2.28	2.28	2.49
67.5	7.05	5.18	3.11	2.49	2.49	2.49	2.49	2.49	2.49
90.0	7.05	4.77	3.32	2.28	2.28	2.49	2.49	2.49	2.28
112.5	6.84	4.97	3.11	2.49	2.28	2.28	2.28	2.28	2.28
135.0	7.46	4.56	2.90	2.28	2.28	2.28	2.07	2.28	2.07
157.5	7.05	4.97	3.11	2.28	2.28	2.28	2.07	2.28	2.28
180.0	7.05	5.18	3.11	2.28	2.28	2.07	2.07	2.07	2.07
202.5	6.84	4.77	2.90	2.07	1.87	2.07	1.87	2.07	2.07
225.0	6.84	4.56	2.69	2.07	2.07	1.87	2.07	2.07	2.07
247.5	7.46	4.56	2.69	1.87	2.07	2.07	1.87	1.87	2.07
270.0	6.84	4.77	3.11	2.07	2.07	2.07	1.87	2.07	2.07
292.5	7.67	4.56	2.90	1.87	2.07	2.07	1.87	2.07	2.07
315.0	9.53	7.05	4.77	2.90	1.87	2.07	2.07	1.87	2.07
337.5	7.05	4.56	2.69	1.87	2.07	1.87	2.07	2.07	2.28
360.0	7.67	4.77	3.11	2.07	2.07	2.28	2.28	2.28	2.28
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	2.07	2.28	2.07	2.28	2.28	2.28	2.28	2.28	2.07
22.5	2.07	2.28	2.28	2.28	2.28	2.28	2.07	2.07	2.07
45.0	2.28	2.49	2.28	2.49	2.28	2.07	1.87	2.07	2.07
67.5	2.49	2.49	2.28	2.28	2.28	2.07	2.07	2.07	2.07
90.0	2.07	2.28	2.07	1.87	2.28	2.07	2.07	2.07	2.07
112.5	2.28	2.28	2.07	2.28	2.28	2.07	2.07	2.07	2.28
135.0	2.28	2.28	2.07	2.28	2.07	2.07	1.87	2.07	2.28
157.5	2.07	2.07	2.07	1.87	1.87	2.07	2.07	2.07	2.07
180.0	2.07	2.07	2.07	2.07	2.07	1.87	1.87	2.07	2.07
202.5	2.07	2.07	1.87	1.87	2.07	2.07	2.07	2.07	2.07
225.0	1.87	2.07	2.07	1.87	2.07	2.07	2.07	2.07	2.07
247.5	2.07	2.07	2.07	2.07	1.87	2.07	2.07	2.07	2.07
270.0	2.07	2.07	2.07	2.07	2.28	2.07	2.07	2.07	2.07
292.5	1.87	2.07	1.87	2.07	2.07	2.07	2.07	2.07	2.28
315.0	2.07	2.07	1.87	2.07	2.07	2.07	2.07	2.07	2.07
337.5	1.87	2.07	2.07	1.87	2.07	2.07	2.28	2.07	2.07
360.0	2.07	2.28	2.07	2.28	2.28	2.28	2.28	2.28	2.07
C/ γ (°)	180.0								
0.0	2.07								
22.5	2.07								
45.0	2.07								
67.5	2.07								
90.0	2.07								
112.5	2.07								
135.0	2.07								
157.5	2.07								
180.0	2.07								
202.5	2.07								
225.0	2.07								
247.5	2.07								
270.0	2.07								
292.5	2.07								
315.0	2.07								
337.5	2.07								
360.0	2.07								

Equipment:
Temperature(°C): 25.3

Date: 2018-12-10
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.40