
Client:Light and Green
LumCAT: LG-7005 45°
Luminaire:
Report No: Voltage(V): 110.0200
Test No: Current(A): 0.0920
LampCAT: Power (W): 10.6100
Lamp flux(lm) PF: 0.5230
Number of Lamps: 1 Ballast type:
Length(mm): 133 Width(mm): 31
Phm Type: C Height(mm): 0

Photometric Results

Lumens(lm): 661.16, , Luminous Efficacy(lm/W): 62.31
Central intensity(cd): 1563.817, Maximum intensity(cd): 1563.817
Angle of maximum intensity: C=0.0 γ =0.0
Beam Angle(50%Imax): [C0/180]Total=38.8
 [C90/270]Total=38.0
Field angle(10%Imax): [C0/180]Total=60.2
 [C90/270]Total=60.4
Maximum s/h(1/2): C0_180=0.62 C90_270=0.61
Maximum s/h(1/4): C0_180=0.63 C90_270=0.62
Up flux rate of LUM(%): 0.07%
Down flux rate of LUM(%): 99.93%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.886%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1563.817	0.000	0	.000%	.000%
1.0	1559.755	1.495	1.495	.226%	.226%
2.0	1549.218	4.462	5.957	.675%	.901%
3.0	1531.648	7.368	13.325	1.114%	2.015%
4.0	1508.264	10.176	23.501	1.539%	3.555%
5.0	1481.325	12.861	36.362	1.945%	5.500%
6.0	1451.797	15.414	51.776	2.331%	7.831%
7.0	1416.251	17.802	69.578	2.693%	10.524%
8.0	1376.338	19.986	89.564	3.023%	13.547%
9.0	1335.752	21.980	111.544	3.324%	16.871%
10.0	1291.231	23.773	135.317	3.596%	20.467%
11.0	1240.984	25.302	160.619	3.827%	24.294%
12.0	1190.001	26.574	187.194	4.019%	28.313%
13.0	1137.165	27.618	214.811	4.177%	32.490%
14.0	1082.576	28.412	243.224	4.297%	36.788%
15.0	1022.986	28.906	272.13	4.372%	41.160%
16.0	966.874	29.157	301.287	4.410%	45.570%
17.0	910.458	29.235	330.522	4.422%	49.992%
18.0	853.559	29.085	359.607	4.399%	54.391%
19.0	794.121	28.666	388.273	4.336%	58.726%
20.0	736.308	28.011	416.284	4.237%	62.963%
21.0	676.769	27.134	443.418	4.104%	67.067%
22.0	617.102	26.001	469.419	3.933%	71.000%
23.0	555.329	24.601	494.02	3.721%	74.721%
24.0	493.250	22.926	516.945	3.468%	78.188%
25.0	428.760	20.964	537.91	3.171%	81.359%
26.0	366.072	18.762	556.672	2.838%	84.197%
27.0	303.765	16.388	573.06	2.479%	86.676%
28.0	249.837	14.016	587.076	2.120%	88.795%
29.0	201.723	11.814	598.89	1.787%	90.582%
30.0	162.369	9.830	608.72	1.487%	92.069%
31.0	129.032	8.109	616.829	1.227%	93.296%
32.0	103.464	6.661	623.49	1.007%	94.303%
33.0	83.761	5.516	629.006	.834%	95.137%
34.0	68.375	4.604	633.61	.696%	95.834%
35.0	55.020	3.832	637.442	.580%	96.413%
36.0	44.534	3.170	640.612	.479%	96.893%
37.0	36.054	2.628	643.24	.398%	97.290%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	29.732	2.196	645.436	.332%	97.623%
39.0	24.654	1.856	647.292	.281%	97.903%
40.0	21.023	1.593	648.886	.241%	98.144%
41.0	18.027	1.391	650.276	.210%	98.355%
42.0	15.564	1.220	651.496	.185%	98.539%
43.0	13.584	1.080	652.576	.163%	98.702%
44.0	12.086	0.969	653.545	.147%	98.849%
45.0	10.638	0.873	654.418	.132%	98.981%
46.0	9.496	0.787	655.206	.119%	99.100%
47.0	8.353	0.710	655.916	.107%	99.208%
48.0	7.465	0.639	656.555	.097%	99.304%
49.0	6.627	0.579	657.134	.088%	99.392%
50.0	5.764	0.517	657.65	.078%	99.470%
51.0	5.154	0.462	658.112	.070%	99.540%
52.0	4.519	0.415	658.527	.063%	99.603%
53.0	3.834	0.363	658.891	.055%	99.658%
54.0	3.377	0.318	659.209	.048%	99.706%
55.0	2.996	0.284	659.493	.043%	99.749%
56.0	2.488	0.248	659.741	.037%	99.786%
57.0	2.133	0.211	659.952	.032%	99.818%
58.0	1.803	0.182	660.134	.028%	99.846%
59.0	1.396	0.150	660.284	.023%	99.868%
60.0	1.092	0.118	660.401	.018%	99.886%
61.0	0.889	0.095	660.496	.014%	99.900%
62.0	0.635	0.073	660.569	.011%	99.911%
63.0	0.381	0.049	660.619	.007%	99.919%
64.0	0.203	0.029	660.647	.004%	99.923%
65.0	0.051	0.013	660.66	.002%	99.925%
66.0	0.000	0.003	660.662	.000%	99.925%
67.0	0.000	0.000	660.662	.000%	99.925%
68.0	0.000	0.000	660.662	.000%	99.925%
69.0	0.000	0.000	660.662	.000%	99.925%
70.0	0.000	0.000	660.662	.000%	99.925%
71.0	0.000	0.000	660.662	.000%	99.925%
72.0	0.000	0.000	660.662	.000%	99.925%
73.0	0.000	0.000	660.662	.000%	99.925%
74.0	0.000	0.000	660.662	.000%	99.925%
75.0	0.000	0.000	660.662	.000%	99.925%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.000	0.000	660.662	.000%	99.925%
77.0	0.000	0.000	660.662	.000%	99.925%
78.0	0.000	0.000	660.662	.000%	99.925%
79.0	0.000	0.000	660.662	.000%	99.925%
80.0	0.000	0.000	660.662	.000%	99.925%
81.0	0.000	0.000	660.662	.000%	99.925%
82.0	0.000	0.000	660.662	.000%	99.925%
83.0	0.000	0.000	660.662	.000%	99.925%
84.0	0.000	0.000	660.662	.000%	99.925%
85.0	0.000	0.000	660.662	.000%	99.925%
86.0	0.000	0.000	660.662	.000%	99.925%
87.0	0.000	0.000	660.662	.000%	99.925%
88.0	0.000	0.000	660.662	.000%	99.925%
89.0	0.000	0.000	660.662	.000%	99.925%
90.0	0.000	0.000	660.662	.000%	99.925%
91.0	0.000	0.000	660.662	.000%	99.925%
92.0	0.000	0.000	660.662	.000%	99.925%
93.0	0.000	0.000	660.662	.000%	99.925%
94.0	0.000	0.000	660.662	.000%	99.925%
95.0	0.000	0.000	660.662	.000%	99.925%
96.0	0.000	0.000	660.662	.000%	99.925%
97.0	0.000	0.000	660.662	.000%	99.925%
98.0	0.000	0.000	660.662	.000%	99.925%
99.0	0.000	0.000	660.662	.000%	99.925%
100.0	0.000	0.000	660.662	.000%	99.925%
101.0	0.000	0.000	660.662	.000%	99.925%
102.0	0.000	0.000	660.662	.000%	99.925%
103.0	0.000	0.000	660.662	.000%	99.925%
104.0	0.000	0.000	660.662	.000%	99.925%
105.0	0.000	0.000	660.662	.000%	99.925%
106.0	0.000	0.000	660.662	.000%	99.925%
107.0	0.000	0.000	660.662	.000%	99.925%
108.0	0.000	0.000	660.662	.000%	99.925%
109.0	0.000	0.000	660.662	.000%	99.925%
110.0	0.000	0.000	660.662	.000%	99.925%
111.0	0.000	0.000	660.662	.000%	99.925%
112.0	0.000	0.000	660.662	.000%	99.925%
113.0	0.000	0.000	660.662	.000%	99.925%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	660.662	.000%	99.925%
115.0	0.000	0.000	660.662	.000%	99.925%
116.0	0.000	0.000	660.662	.000%	99.925%
117.0	0.000	0.000	660.662	.000%	99.925%
118.0	0.000	0.000	660.662	.000%	99.925%
119.0	0.000	0.000	660.662	.000%	99.925%
120.0	0.000	0.000	660.662	.000%	99.925%
121.0	0.000	0.000	660.662	.000%	99.925%
122.0	0.000	0.000	660.662	.000%	99.925%
123.0	0.000	0.000	660.662	.000%	99.925%
124.0	0.000	0.000	660.662	.000%	99.925%
125.0	0.000	0.000	660.662	.000%	99.925%
126.0	0.000	0.000	660.662	.000%	99.925%
127.0	0.000	0.000	660.662	.000%	99.925%
128.0	0.000	0.000	660.662	.000%	99.925%
129.0	0.000	0.000	660.662	.000%	99.925%
130.0	0.000	0.000	660.662	.000%	99.925%
131.0	0.000	0.000	660.662	.000%	99.925%
132.0	0.000	0.000	660.662	.000%	99.925%
133.0	0.000	0.000	660.662	.000%	99.925%
134.0	0.000	0.000	660.662	.000%	99.925%
135.0	0.000	0.000	660.662	.000%	99.925%
136.0	0.000	0.000	660.662	.000%	99.925%
137.0	0.000	0.000	660.662	.000%	99.925%
138.0	0.000	0.000	660.662	.000%	99.925%
139.0	0.000	0.000	660.662	.000%	99.925%
140.0	0.000	0.000	660.662	.000%	99.925%
141.0	0.000	0.000	660.662	.000%	99.925%
142.0	0.000	0.000	660.662	.000%	99.925%
143.0	0.000	0.000	660.662	.000%	99.925%
144.0	0.000	0.000	660.662	.000%	99.925%
145.0	0.000	0.000	660.662	.000%	99.925%
146.0	0.000	0.000	660.662	.000%	99.925%
147.0	0.000	0.000	660.662	.000%	99.925%
148.0	0.000	0.000	660.662	.000%	99.925%
149.0	0.000	0.000	660.662	.000%	99.925%
150.0	0.000	0.000	660.662	.000%	99.925%
151.0	0.051	0.001	660.664	.000%	99.926%

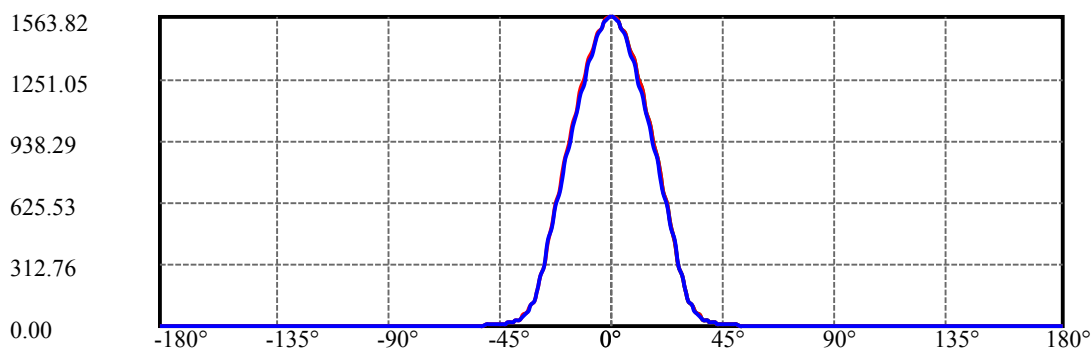
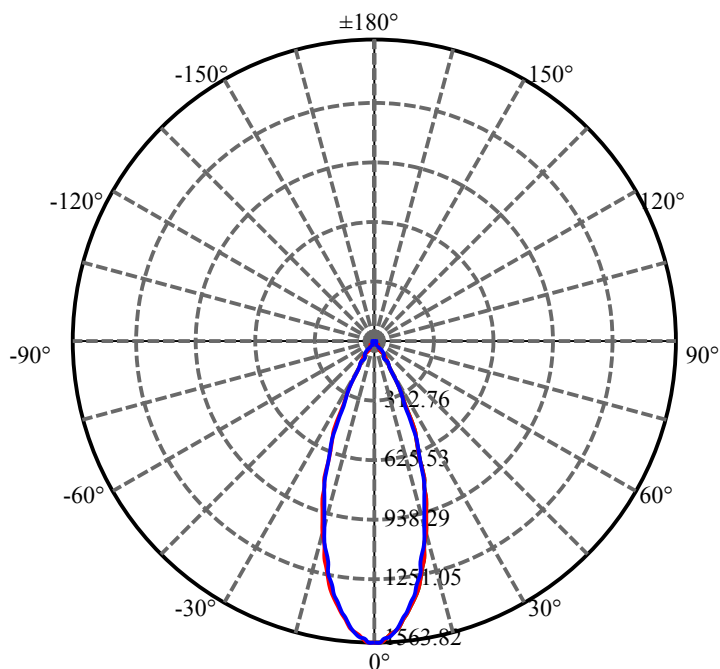
γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.127	0.005	660.668	.001%	99.926%
153.0	0.254	0.010	660.678	.001%	99.928%
154.0	0.254	0.012	660.69	.002%	99.930%
155.0	0.305	0.013	660.704	.002%	99.932%
156.0	0.432	0.017	660.72	.003%	99.934%
157.0	0.457	0.019	660.74	.003%	99.937%
158.0	0.533	0.021	660.761	.003%	99.940%
159.0	0.609	0.023	660.783	.003%	99.944%
160.0	0.609	0.023	660.807	.004%	99.947%
161.0	0.736	0.025	660.831	.004%	99.951%
162.0	0.787	0.027	660.858	.004%	99.955%
163.0	0.838	0.027	660.885	.004%	99.959%
164.0	0.914	0.027	660.912	.004%	99.963%
165.0	0.939	0.027	660.939	.004%	99.967%
166.0	1.041	0.027	660.966	.004%	99.971%
167.0	0.939	0.025	660.992	.004%	99.975%
168.0	1.016	0.023	661.015	.004%	99.979%
169.0	1.016	0.022	661.037	.003%	99.982%
170.0	1.041	0.021	661.058	.003%	99.985%
171.0	1.041	0.019	661.077	.003%	99.988%
172.0	1.016	0.017	661.093	.003%	99.991%
173.0	1.016	0.015	661.108	.002%	99.993%
174.0	0.990	0.012	661.12	.002%	99.995%
175.0	0.990	0.010	661.131	.002%	99.996%
176.0	1.016	0.009	661.139	.001%	99.998%
177.0	1.016	0.007	661.146	.001%	99.999%
178.0	1.066	0.005	661.151	.001%	99.999%
179.0	1.066	0.003	661.154	.000%	100.000%
180.0	1.016	0.001	661.155	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	608.72	92.07%
0-40	648.89	98.14%
0-60	660.40	99.89%
0-90	660.66	99.93%
0-120	660.66	99.93%
0-180	661.16	100.00%
60-90	0.38	0.06%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.49	0.07%
0-24.57	528.92	80.00%

ZONAL LUMEN SUMMARY

0-10	135.32
10-20	280.97
20-30	192.44
30-40	40.17
40-50	8.76
50-60	2.75
60-70	0.26
70-80	0.00
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.14
160-170	0.25
170-180	0.10



C0(Max): —————

C0/C180: —————

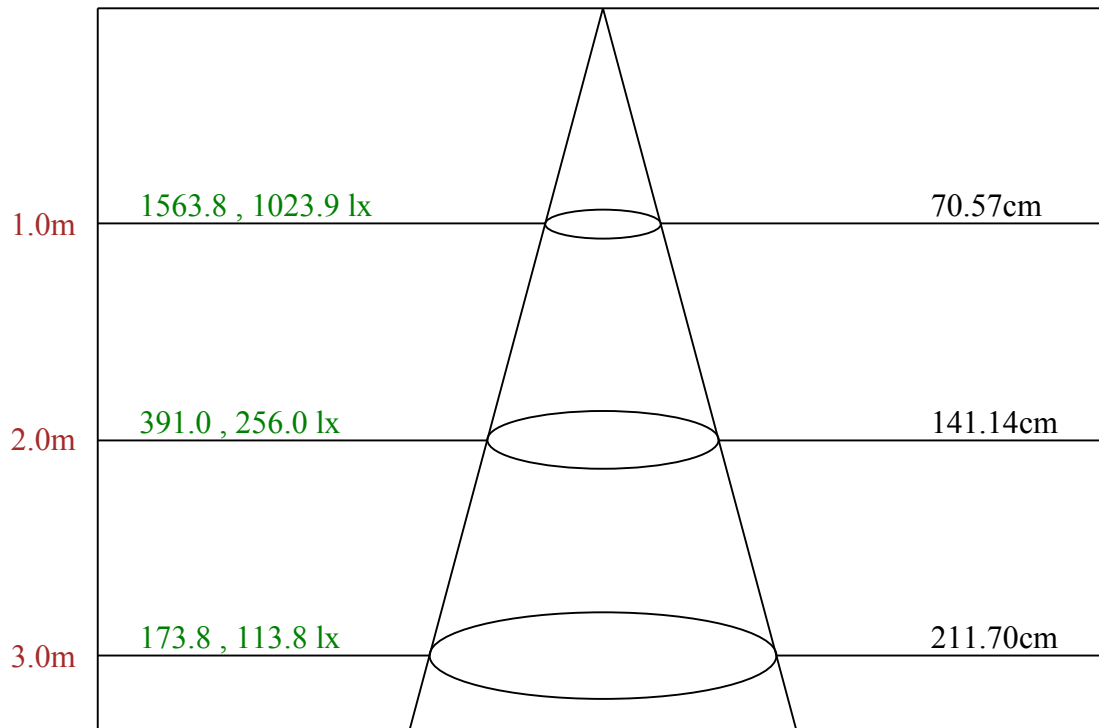
C90/C270: —————

Field angle(10%Imax):C0/180Left:30.1 Right:30.1

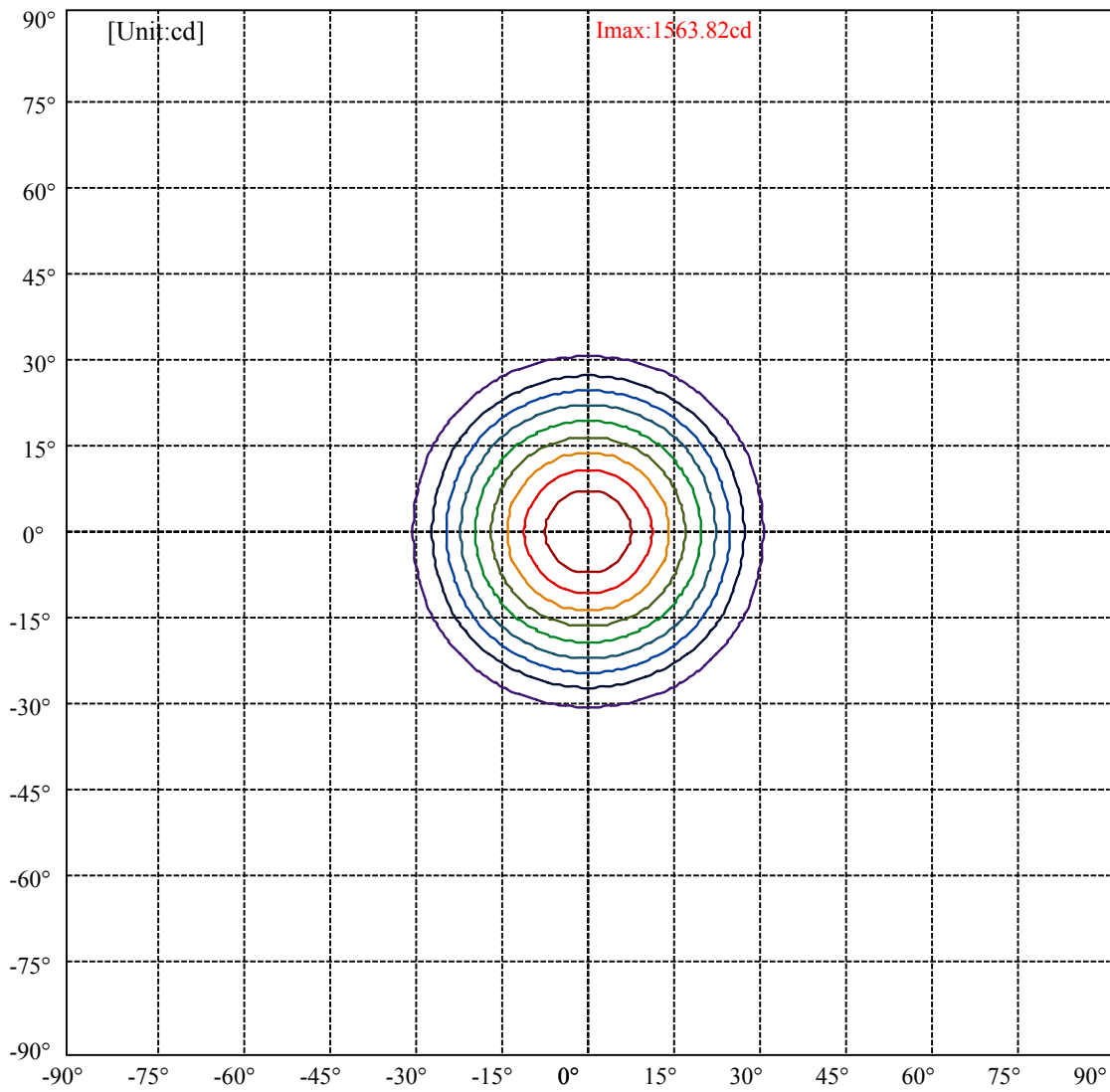
:C90/270Left:30.2 Right:30.2

Beam Angle(50%Imax):C0/180Left:19.4 Right:19.4

:C90/270Left:19.0 Right:19.0



Max , Ave Beam angle of C0 plane 38.87



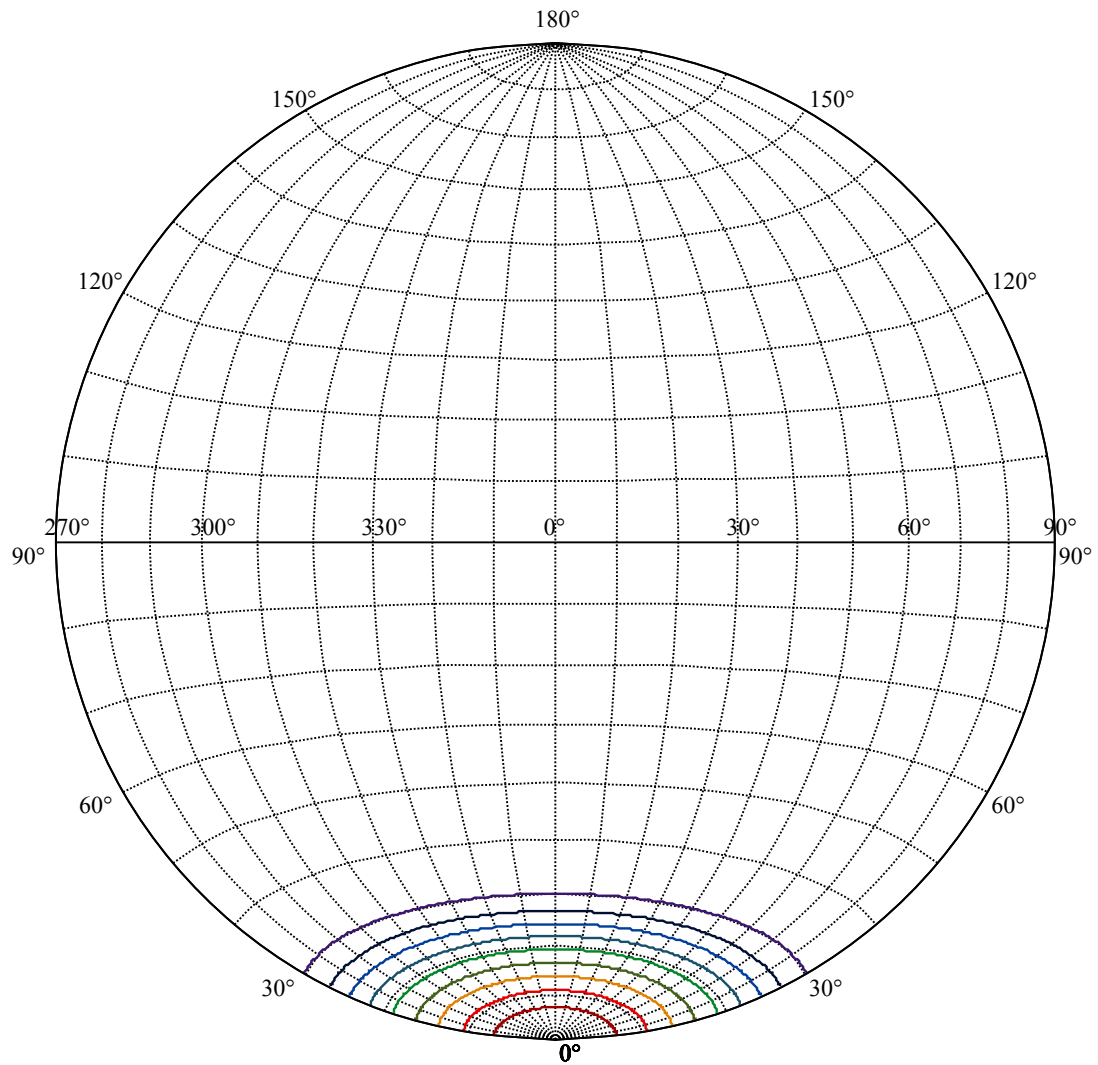
(10%Imax) 156.382
(20%Imax) 312.763
(30%Imax) 469.145
(40%Imax) 625.527
(50%Imax) 781.909
(60%Imax) 938.29
(70%Imax) 1094.67
(80%Imax) 1251.05
(90%Imax) 1407.44



Equipment:
Temperature(°C): 25.0

Date: 2018-1-8
Humidity(%): 60.0%

Operator: Meteor
Distance(m): 14.25



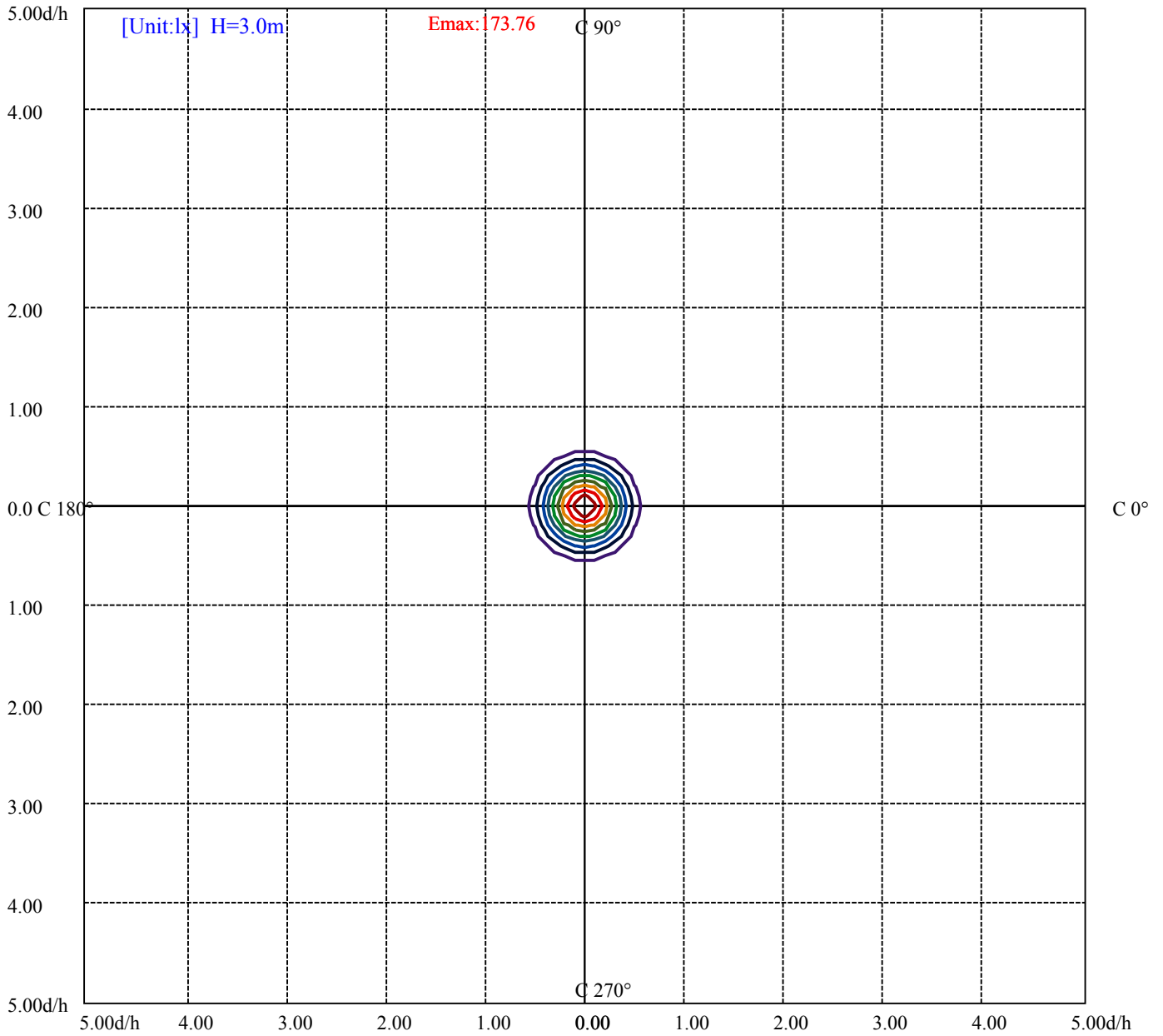
House

[Unit:cd]

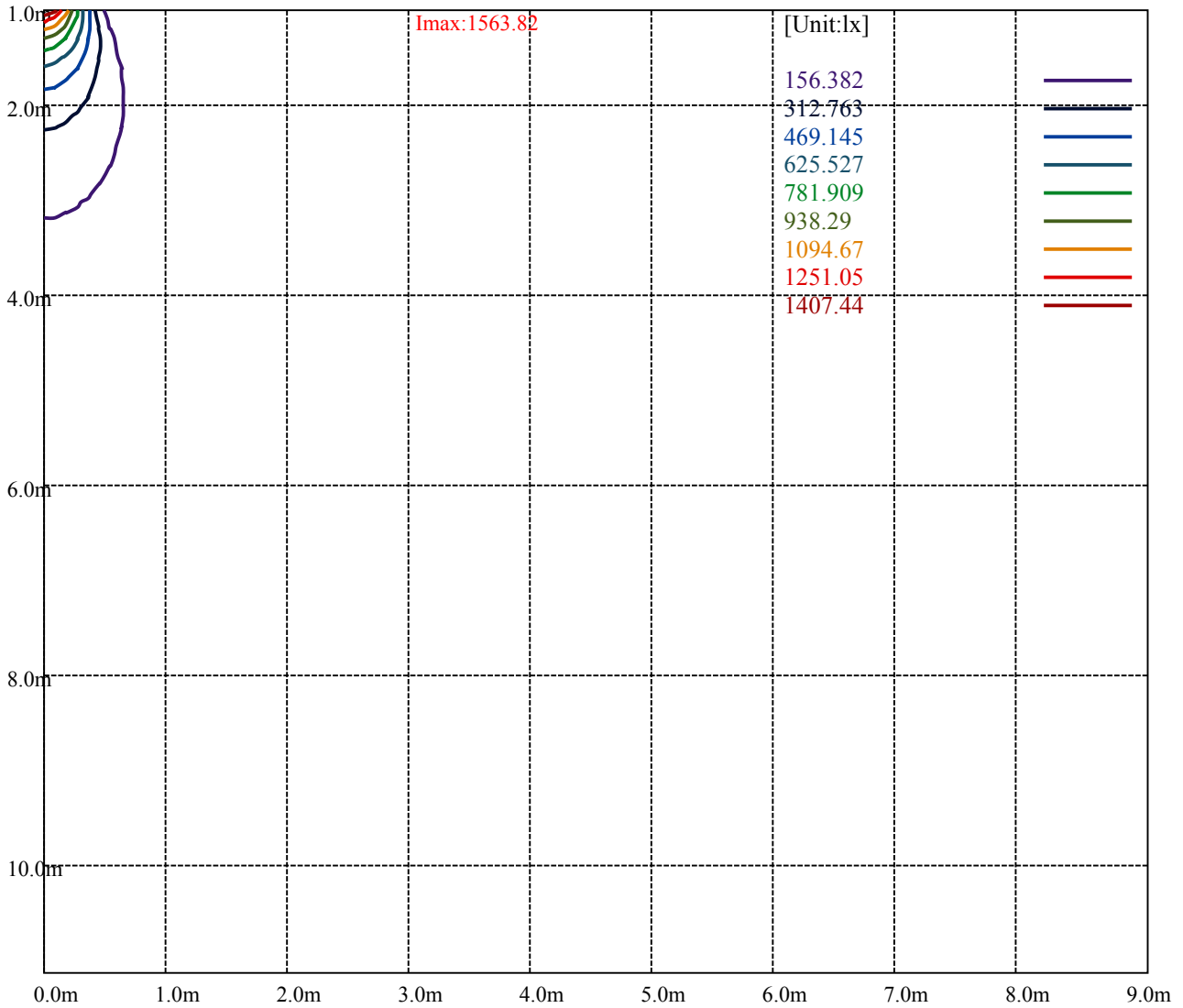
Road

Imax:1563.82

(10%Imax) 156.382	—
(20%Imax) 312.763	—
(30%Imax) 469.145	—
(40%Imax) 625.527	—
(50%Imax) 781.909	—
(60%Imax) 938.29	—
(70%Imax) 1094.67	—
(80%Imax) 1251.05	—
(90%Imax) 1407.44	—



(10%Emax) 17.37578	—
(20%Emax) 34.75145	—
(30%Emax) 52.12722	—
(40%Emax) 69.50289	—
(50%Emax) 86.87867	—
(60%Emax) 104.2544	—
(70%Emax) 121.63	—
(80%Emax) 139.0056	—
(90%Emax) 156.3811	—



Luminance Table

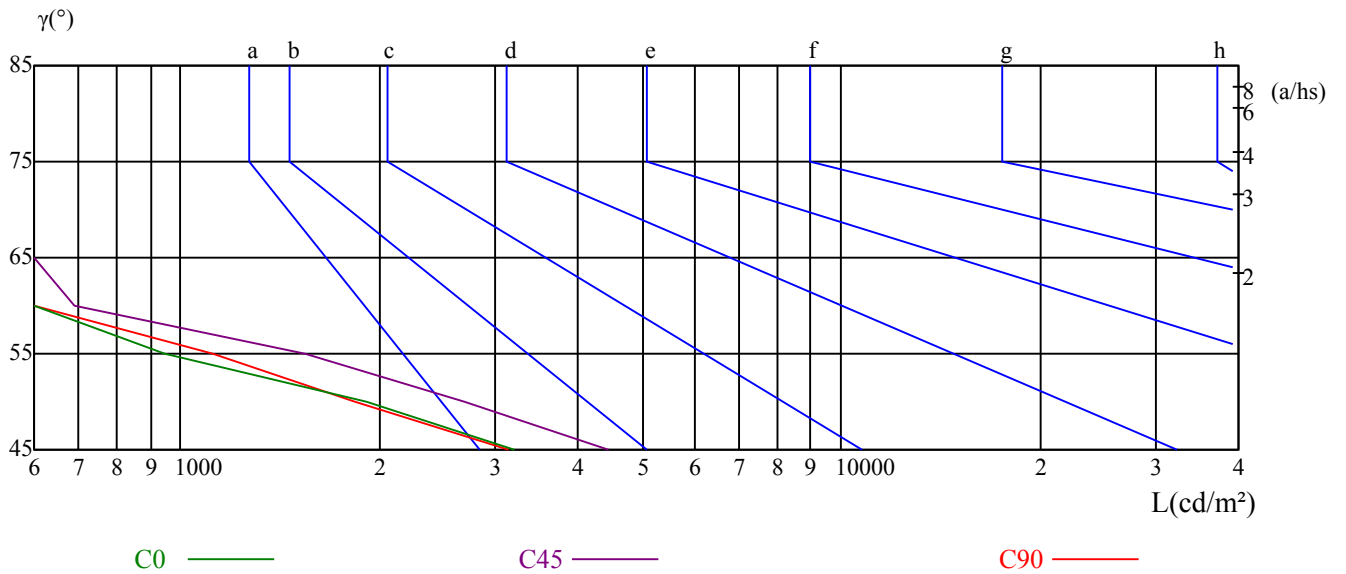
γ	45	50	55	60	65	70	75	80	85
C0	3205	1916	945	296	0	0	0	0	0
C45	4459	2682	1546	690	117	0	0	0	0
C90	3135	1839	1117	394	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	117	0	0	0	0	0	0

Glare Table

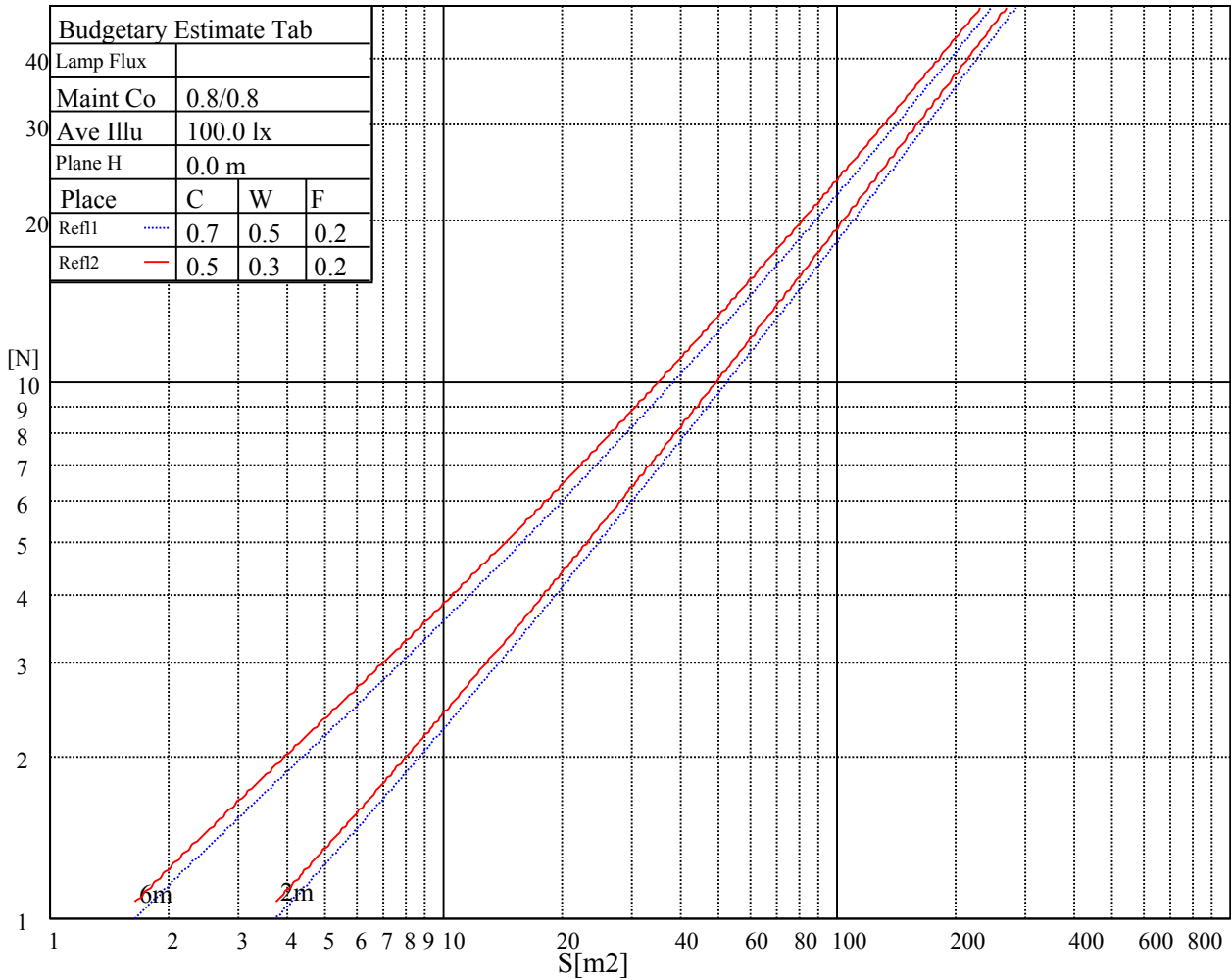
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

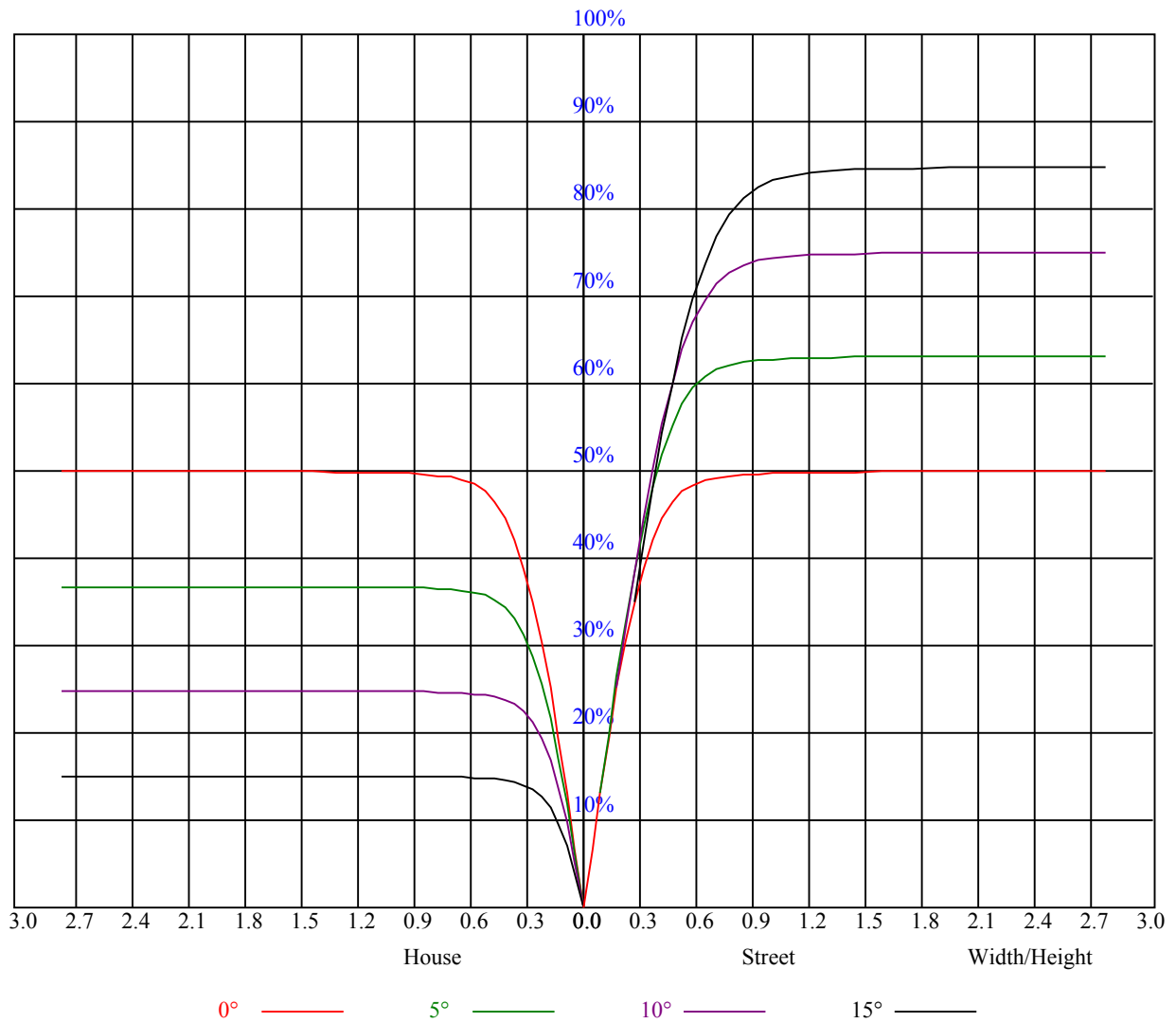


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	0.23	1.13	0.60	1.44	1.76	-0.53	0.36	-0.17	0.67	0.99
	3H	0.02	0.81	0.40	1.14	1.51	-0.75	0.04	-0.37	0.37	0.74
	4H	-0.09	0.64	0.32	0.99	1.38	-0.86	-0.13	-0.45	0.22	0.61
	6H	-0.21	0.46	0.21	0.83	1.23	-0.98	-0.31	-0.56	0.06	0.46
	8H	-0.27	0.35	0.17	0.74	1.16	-1.04	-0.42	-0.60	-0.02	0.39
	12H	-0.33	0.26	0.10	0.64	1.08	-1.10	-0.51	-0.67	-0.13	0.31
4H	2H	-0.06	0.67	0.35	1.02	1.41	-0.82	-0.10	-0.42	0.26	0.65
	3H	-0.29	0.30	0.13	0.71	1.12	-1.05	-0.46	-0.64	-0.05	0.36
	4H	-0.42	0.11	0.02	0.53	0.98	-1.18	-0.66	-0.74	-0.23	0.22
	6H	-0.54	-0.09	-0.07	0.36	0.84	-1.30	-0.85	-0.83	-0.40	0.08
	8H	-0.62	-0.20	-0.14	0.25	0.73	-1.38	-0.96	-0.90	-0.51	-0.03
	12H	-0.69	-0.33	-0.19	0.16	0.64	-1.45	-1.09	-0.96	-0.60	-0.12
8H	4H	-0.62	-0.20	-0.14	0.25	0.73	-1.38	-0.96	-0.90	-0.51	-0.03
	6H	-0.75	-0.42	-0.24	0.08	0.57	-1.51	-1.18	-1.00	-0.68	-0.19
	8H	-0.83	-0.54	-0.29	-0.01	0.49	-1.59	-1.30	-1.05	-0.77	-0.27
	12H	-0.86	-0.61	-0.33	-0.11	0.47	-1.62	-1.37	-1.10	-0.87	-0.29
12H	4H	-0.69	-0.33	-0.19	0.16	0.64	-1.45	-1.09	-0.96	-0.60	-0.12
	6H	-0.65	-0.53	-0.28	-0.06	0.49	-1.42	-1.30	-1.05	-0.82	-0.27
	8H	-0.88	-0.64	-0.36	-0.14	0.45	-1.65	-1.40	-1.12	-0.90	-0.32

UGR calculation is based on CIE Publ. 190 ,S/H = 1



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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.95
2	1.06	1.03	1.00	1.04	1.01	0.99	1.01	0.99	0.97	0.98	0.96	0.94	0.95	0.94	0.93	0.91
3	1.00	0.96	0.93	0.99	0.95	0.92	0.97	0.94	0.91	0.94	0.92	0.90	0.92	0.90	0.88	0.87
4	0.96	0.91	0.88	0.95	0.90	0.87	0.92	0.89	0.86	0.91	0.88	0.85	0.89	0.86	0.84	0.83
5	0.91	0.86	0.83	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.80	0.79
6	0.87	0.82	0.79	0.86	0.82	0.78	0.85	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.77	0.76
7	0.83	0.78	0.75	0.83	0.78	0.75	0.82	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.74	0.73
8	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.77	0.73	0.71	0.70
9	0.77	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.67
10	0.74	0.69	0.66	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.64



Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	1563.82	1560.77	1552.04	1530.71	1509.99	1485.82	1456.98	1422.04	1387.92
22.5	1563.82	1559.96	1549.60	1532.33	1508.77	1483.18	1455.55	1419.40	1383.65
45.0	1563.82	1559.35	1549.40	1531.93	1508.57	1482.37	1451.29	1415.34	1372.07
67.5	1563.82	1559.35	1547.77	1531.11	1506.33	1477.90	1448.24	1414.12	1370.85
90.0	1563.82	1559.96	1548.18	1531.72	1508.77	1477.90	1447.23	1410.26	1369.63
112.5	1563.82	1559.35	1547.77	1531.11	1506.33	1477.90	1448.24	1414.12	1370.85
135.0	1563.82	1559.35	1549.40	1531.93	1508.57	1482.37	1451.29	1415.34	1372.07
157.5	1563.82	1559.96	1549.60	1532.33	1508.77	1483.18	1455.55	1419.40	1383.65
180.0	1563.82	1560.77	1552.04	1530.71	1509.99	1485.82	1456.98	1422.04	1387.92
202.5	1563.82	1559.96	1549.60	1532.33	1508.77	1483.18	1455.55	1419.40	1383.65
225.0	1563.82	1559.35	1549.40	1531.93	1508.57	1482.37	1451.29	1415.34	1372.07
247.5	1563.82	1559.35	1547.77	1531.11	1506.33	1477.90	1448.24	1414.12	1370.85
270.0	1563.82	1559.96	1548.18	1531.72	1508.77	1477.90	1447.23	1410.26	1369.63
292.5	1563.82	1559.35	1547.77	1531.11	1506.33	1477.90	1448.24	1414.12	1370.85
315.0	1563.82	1559.35	1549.40	1531.93	1508.57	1482.37	1451.29	1415.34	1372.07
337.5	1563.82	1559.96	1549.60	1532.33	1508.77	1483.18	1455.55	1419.40	1383.65
360.0	1563.82	1560.77	1552.04	1530.71	1509.99	1485.82	1456.98	1422.04	1387.92
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1348.92	1300.37	1254.06	1205.92	1155.55	1086.08	1031.85	977.61	918.51
22.5	1342.21	1295.90	1248.98	1200.84	1144.58	1091.16	1031.03	975.38	918.71
45.0	1332.67	1289.40	1236.39	1186.01	1133.81	1079.99	1024.74	968.88	909.98
67.5	1329.01	1286.97	1237.20	1183.37	1131.17	1078.77	1013.97	957.71	904.08
90.0	1329.21	1284.93	1228.67	1173.62	1122.64	1074.71	1012.55	953.44	899.62
112.5	1305.04	1286.97	1237.20	1183.37	1131.17	1078.77	1013.97	957.71	904.08
135.0	1314.59	1289.40	1236.39	1186.01	1133.81	1079.99	1024.74	968.88	909.98
157.5	1330.64	1295.90	1248.98	1200.84	1144.58	1091.16	1031.03	975.38	918.71
180.0	1348.92	1300.37	1254.06	1205.92	1155.55	1086.08	1031.85	977.61	918.51
202.5	1342.21	1295.90	1248.98	1200.84	1144.58	1091.16	1031.03	975.38	918.71
225.0	1332.67	1289.40	1236.39	1186.01	1133.81	1079.99	1024.74	968.88	909.98
247.5	1329.01	1286.97	1237.20	1183.37	1131.17	1078.77	1013.97	957.71	904.08
270.0	1329.21	1284.93	1228.67	1173.62	1122.64	1074.71	1012.55	953.44	899.62
292.5	1352.98	1286.97	1237.20	1183.37	1131.17	1078.77	1013.97	957.71	904.08
315.0	1350.74	1289.40	1236.39	1186.01	1133.81	1079.99	1024.74	968.88	909.98
337.5	1353.99	1295.90	1248.98	1200.84	1144.58	1091.16	1031.03	975.38	918.71
360.0	1348.92	1300.37	1254.06	1205.92	1155.55	1086.08	1031.85	977.61	918.51
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	859.40	804.76	748.70	676.79	623.37	564.47	504.35	423.10	363.18
22.5	860.21	802.93	745.25	684.51	622.56	563.25	497.24	431.43	366.02
45.0	852.49	793.38	734.68	676.18	614.23	550.66	490.94	428.18	365.82
67.5	849.24	786.88	729.40	673.34	612.41	550.45	486.88	427.57	363.99
90.0	845.18	781.81	723.11	669.28	615.05	549.44	491.55	432.64	373.74
112.5	849.24	786.88	729.40	673.34	612.41	550.45	486.88	427.57	363.99
135.0	852.49	793.38	734.68	676.18	614.23	550.66	490.94	428.18	365.82
157.5	860.21	802.93	745.25	684.51	622.56	563.25	497.24	431.43	366.02
180.0	859.40	804.76	748.70	676.79	623.37	564.47	504.35	423.10	363.18
202.5	860.21	802.93	745.25	684.51	622.56	563.25	497.24	431.43	366.02
225.0	852.49	793.38	734.68	676.18	614.23	550.66	490.94	428.18	365.82
247.5	849.24	786.88	729.40	673.34	612.41	550.45	486.88	427.57	363.99
270.0	845.18	781.81	723.11	669.28	615.05	549.44	491.55	432.64	373.74
292.5	849.24	786.88	729.40	673.34	612.41	550.45	486.88	427.57	363.99
315.0	852.49	793.38	734.68	676.18	614.23	550.66	490.94	428.18	365.82
337.5	860.21	802.93	745.25	684.51	622.56	563.25	497.24	431.43	366.02
360.0	859.40	804.76	748.70	676.79	623.37	564.47	504.35	423.10	363.18

Intensity data(cd)

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	305.69	253.29	199.67	160.87	129.39	104.81	83.08	68.45	55.65
22.5	306.10	253.29	201.90	161.89	130.81	103.18	83.48	69.47	56.67
45.0	306.10	246.59	199.87	159.65	128.78	102.78	83.28	68.86	55.65
67.5	298.99	247.81	203.12	165.14	128.78	104.40	85.51	68.86	55.45
90.0	302.04	250.04	204.34	164.73	126.14	102.17	82.47	64.19	48.95
112.5	298.99	247.81	203.12	165.14	128.78	104.40	85.51	68.86	55.45
135.0	306.10	246.59	199.87	159.65	128.78	102.78	83.28	68.86	55.65
157.5	306.10	253.29	201.90	161.89	130.81	103.18	83.48	69.47	56.67
180.0	305.69	253.29	199.67	160.87	129.39	104.81	83.08	68.45	55.65
202.5	306.10	253.29	201.90	161.89	130.81	103.18	83.48	69.47	56.67
225.0	306.10	246.59	199.87	159.65	128.78	102.78	83.28	68.86	55.65
247.5	298.99	247.81	203.12	165.14	128.78	104.40	85.51	68.86	55.45
270.0	302.04	250.04	204.34	164.73	126.14	102.17	82.47	64.19	48.95
292.5	298.99	247.81	203.12	165.14	128.78	104.40	85.51	68.86	55.45
315.0	306.10	246.59	199.87	159.65	128.78	102.78	83.28	68.86	55.65
337.5	306.10	253.29	201.90	161.89	130.81	103.18	83.48	69.47	56.67
360.0	305.69	253.29	199.67	160.87	129.39	104.81	83.08	68.45	55.65
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	41.64	31.89	26.00	21.73	18.28	15.64	13.81	12.19	10.56
22.5	46.31	37.37	31.28	25.80	21.53	18.08	15.64	13.41	11.78
45.0	46.11	38.39	32.30	27.22	23.97	20.92	18.48	16.25	14.83
67.5	45.70	36.97	29.66	24.37	20.52	17.47	14.62	12.80	11.37
90.0	38.39	31.08	25.39	20.72	17.87	15.64	13.20	11.58	10.16
112.5	45.70	36.97	29.66	24.37	20.52	17.47	14.62	12.80	11.37
135.0	46.11	38.39	32.30	27.22	23.97	20.92	18.48	16.25	14.83
157.5	46.31	37.37	31.28	25.80	21.53	18.08	15.64	13.41	11.78
180.0	41.64	31.89	26.00	21.73	18.28	15.64	13.81	12.19	10.56
202.5	46.31	37.37	31.28	25.80	21.53	18.08	15.64	13.41	11.78
225.0	46.11	38.39	32.30	27.22	23.97	20.92	18.48	16.25	14.83
247.5	45.70	36.97	29.66	24.37	20.52	17.47	14.62	12.80	11.37
270.0	38.39	31.08	25.39	20.72	17.87	15.64	13.20	11.58	10.16
292.5	45.70	36.97	29.66	24.37	20.52	17.47	14.62	12.80	11.37
315.0	46.11	38.39	32.30	27.22	23.97	20.92	18.48	16.25	14.83
337.5	46.31	37.37	31.28	25.80	21.53	18.08	15.64	13.41	11.78
360.0	41.64	31.89	26.00	21.73	18.28	15.64	13.81	12.19	10.56
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	9.34	8.33	7.31	6.09	5.69	5.08	4.27	3.66	3.05
22.5	10.36	9.34	8.12	7.11	6.50	5.69	5.08	4.47	3.66
45.0	13.00	11.58	10.16	9.34	8.12	7.11	6.09	5.48	4.87
67.5	9.95	8.94	7.92	7.11	6.30	5.28	5.08	4.47	3.66
90.0	9.14	7.92	7.11	6.50	5.48	4.87	4.47	3.66	3.25
112.5	9.95	8.94	7.92	7.11	6.30	5.28	5.08	4.47	3.66
135.0	13.00	11.58	10.16	9.34	8.12	7.11	6.09	5.48	4.87
157.5	10.36	9.34	8.12	7.11	6.50	5.69	5.08	4.47	3.66
180.0	9.34	8.33	7.31	6.09	5.69	5.08	4.27	3.66	3.05
202.5	10.36	9.34	8.12	7.11	6.50	5.69	5.08	4.47	3.66
225.0	13.00	11.58	10.16	9.34	8.12	7.11	6.09	5.48	4.87
247.5	9.95	8.94	7.92	7.11	6.30	5.28	5.08	4.47	3.66
270.0	9.14	7.92	7.11	6.50	5.48	4.87	4.47	3.66	3.25
292.5	9.95	8.94	7.92	7.11	6.30	5.28	5.08	4.47	3.66
315.0	13.00	11.58	10.16	9.34	8.12	7.11	6.09	5.48	4.87
337.5	10.36	9.34	8.12	7.11	6.50	5.69	5.08	4.47	3.66
360.0	9.34	8.33	7.31	6.09	5.69	5.08	4.27	3.66	3.05

Intensity data(cd)

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	2.64	2.23	1.83	1.42	1.22	0.81	0.61	0.41	0.20
22.5	3.45	2.84	2.44	2.23	1.83	1.42	1.02	1.02	0.61
45.0	4.06	3.66	3.05	2.64	2.23	1.83	1.42	1.22	1.02
67.5	3.25	3.05	2.44	2.03	1.83	1.42	1.22	0.81	0.61
90.0	2.84	2.64	2.23	1.83	1.42	1.02	0.81	0.61	0.41
112.5	3.25	3.05	2.44	2.03	1.83	1.42	1.22	0.81	0.61
135.0	4.06	3.66	3.05	2.64	2.23	1.83	1.42	1.22	1.02
157.5	3.45	2.84	2.44	2.23	1.83	1.42	1.02	1.02	0.61
180.0	2.64	2.23	1.83	1.42	1.22	0.81	0.61	0.41	0.20
202.5	3.45	2.84	2.44	2.23	1.83	1.42	1.02	1.02	0.61
225.0	4.06	3.66	3.05	2.64	2.23	1.83	1.42	1.22	1.02
247.5	3.25	3.05	2.44	2.03	1.83	1.42	1.22	0.81	0.61
270.0	2.84	2.64	2.23	1.83	1.42	1.02	0.81	0.61	0.41
292.5	3.25	3.05	2.44	2.03	1.83	1.42	1.22	0.81	0.61
315.0	4.06	3.66	3.05	2.64	2.23	1.83	1.42	1.22	1.02
337.5	3.45	2.84	2.44	2.23	1.83	1.42	1.02	1.02	0.61
360.0	2.64	2.23	1.83	1.42	1.22	0.81	0.61	0.41	0.20
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.61	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.61	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.61	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.61	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.41
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.41
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
202.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.41
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
292.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.41
315.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	0.00	0.00	0.00	0.20	0.20	0.41	0.20	0.41	0.41
22.5	0.20	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61
45.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61	0.81
67.5	0.41	0.41	0.41	0.61	0.61	0.61	0.81	0.81	1.02
90.0	0.41	0.41	0.41	0.41	0.61	0.61	0.61	0.41	0.61
112.5	0.41	0.41	0.41	0.61	0.61	0.61	0.81	0.81	1.02
135.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61	0.81
157.5	0.20	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61
180.0	0.00	0.00	0.00	0.20	0.20	0.41	0.20	0.41	0.41
202.5	0.20	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61
225.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61	0.81
247.5	0.41	0.41	0.41	0.61	0.61	0.61	0.81	0.81	1.02
270.0	0.41	0.41	0.41	0.41	0.61	0.61	0.61	0.41	0.61
292.5	0.41	0.41	0.41	0.61	0.61	0.61	0.81	0.81	1.02
315.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61	0.81
337.5	0.20	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61
360.0	0.00	0.00	0.00	0.20	0.20	0.41	0.20	0.41	0.41

Intensity data(cd)

C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	0.61	0.61	0.61	0.61	0.81	0.61	0.81	0.81	0.81
22.5	0.61	0.61	0.81	0.81	1.02	0.81	1.02	1.02	1.02
45.0	0.81	0.81	0.81	1.02	1.22	1.22	1.22	1.22	1.22
67.5	1.02	1.22	1.22	1.22	1.02	1.02	1.02	1.02	1.02
90.0	0.81	0.81	1.02	0.81	1.02	0.81	0.81	0.81	1.02
112.5	1.02	1.22	1.22	1.22	1.02	1.02	1.02	1.02	1.02
135.0	0.81	0.81	0.81	1.02	1.22	1.22	1.22	1.22	1.22
157.5	0.61	0.61	0.81	0.81	1.02	0.81	1.02	1.02	1.02
180.0	0.61	0.61	0.61	0.61	0.81	0.61	0.81	0.81	0.81
202.5	0.61	0.61	0.81	0.81	1.02	0.81	1.02	1.02	1.02
225.0	0.81	0.81	0.81	1.02	1.22	1.22	1.22	1.22	1.22
247.5	1.02	1.22	1.22	1.22	1.02	1.02	1.02	1.02	1.02
270.0	0.81	0.81	1.02	0.81	1.02	0.81	0.81	0.81	1.02
292.5	1.02	1.22	1.22	1.22	1.02	1.02	1.02	1.02	1.02
315.0	0.81	0.81	0.81	1.02	1.22	1.22	1.22	1.22	1.22
337.5	0.61	0.61	0.81	0.81	1.02	0.81	1.02	1.02	1.02
360.0	0.61	0.61	0.61	0.61	0.81	0.61	0.81	0.81	0.81
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.81	1.02	1.02	0.81	0.81	1.02	1.02	1.02	1.02
22.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22	1.02
45.0	1.22	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22
67.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
90.0	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
112.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
135.0	1.22	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22
157.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22	1.02
180.0	0.81	1.02	1.02	0.81	0.81	1.02	1.02	1.02	1.02
202.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22	1.02
225.0	1.22	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22
247.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
270.0	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
292.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
315.0	1.22	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22
337.5	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.22	1.02
360.0	0.81	1.02	1.02	0.81	0.81	1.02	1.02	1.02	1.02
C/γ(°)	180.0								
0.0	1.02								
22.5	1.02								
45.0	1.02								
67.5	1.02								
90.0	1.02								
112.5	1.02								
135.0	1.02								
157.5	1.02								
180.0	1.02								
202.5	1.02								
225.0	1.02								
247.5	1.02								
270.0	1.02								
292.5	1.02								
315.0	1.02								
337.5	1.02								
360.0	1.02								