
Client: Light and Green
LumCAT: LG-7005 15°
Luminaire:
Report No: Voltage(V): 110.0500
Test No: Current(A): 0.0920
LampCAT: Power (W): 10.5800
Lamp flux(lm) PF: 0.5243
Number of Lamps: 1 Ballast type:
Length(mm): 133 Width(mm): 31
Phm Type: C Height(mm): 0

Photometric Results

Lumens(lm): 703.56, , Luminous Efficacy(lm/W): 66.50
Central intensity(cd): 4733.903, Maximum intensity(cd): 4733.903
Angle of maximum intensity: C=0.0 $\gamma=0.0$
Beam Angle(50%Imax): [C0/180]Total=18.0
 [C90/270]Total=17.3
Field angle(10%Imax): [C0/180]Total=39.0
 [C90/270]Total=38.7
Maximum s/h(1/2): C0_180=0.31 C90_270=0.31
Maximum s/h(1/4): C0_180=0.31 C90_270=0.32
Up flux rate of LUM(%): 0.10%
Down flux rate of LUM(%): 99.90%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.885%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4733.903	0.000	0	.000%	.000%
1.0	4691.794	4.510	4.51	.641%	.641%
2.0	4577.996	13.305	17.815	1.891%	2.532%
3.0	4329.873	21.305	39.12	3.028%	5.560%
4.0	4103.471	28.229	67.349	4.012%	9.573%
5.0	3830.034	34.130	101.478	4.851%	14.424%
6.0	3465.993	38.343	139.821	5.450%	19.873%
7.0	3067.828	40.555	180.376	5.764%	25.638%
8.0	2694.533	41.240	221.616	5.862%	31.499%
9.0	2301.623	40.491	262.107	5.755%	37.254%
10.0	1940.223	38.387	300.494	5.456%	42.711%
11.0	1629.247	35.666	336.161	5.069%	47.780%
12.0	1364.278	32.724	368.884	4.651%	52.431%
13.0	1141.532	29.738	398.622	4.227%	56.658%
14.0	993.521	27.328	425.95	3.884%	60.542%
15.0	841.753	25.195	451.146	3.581%	64.123%
16.0	700.546	22.599	473.745	3.212%	67.335%
17.0	612.837	20.453	494.198	2.907%	70.242%
18.0	544.982	19.090	513.288	2.713%	72.956%
19.0	491.981	18.041	531.329	2.564%	75.520%
20.0	448.780	17.219	548.547	2.447%	77.967%
21.0	411.736	16.524	565.071	2.349%	80.316%
22.0	380.176	15.914	580.985	2.262%	82.578%
23.0	346.420	15.246	596.231	2.167%	84.745%
24.0	312.245	14.401	610.632	2.047%	86.792%
25.0	275.887	13.373	624.004	1.901%	88.692%
26.0	237.053	12.108	636.112	1.721%	90.413%
27.0	196.810	10.615	646.727	1.509%	91.922%
28.0	159.652	9.025	655.752	1.283%	93.205%
29.0	125.972	7.473	663.225	1.062%	94.267%
30.0	98.361	6.057	669.281	.861%	95.128%
31.0	77.236	4.887	674.168	.695%	95.822%
32.0	61.342	3.970	678.138	.564%	96.387%
33.0	49.777	3.274	681.412	.465%	96.852%
34.0	41.119	2.751	684.163	.391%	97.243%
35.0	34.226	2.340	686.503	.333%	97.576%
36.0	28.551	1.999	688.501	.284%	97.860%
37.0	24.336	1.725	690.226	.245%	98.105%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	20.807	1.507	691.733	.214%	98.319%
39.0	18.078	1.327	693.06	.189%	98.508%
40.0	15.805	1.182	694.242	.168%	98.676%
41.0	13.952	1.060	695.302	.151%	98.826%
42.0	12.225	0.951	696.253	.135%	98.961%
43.0	10.778	0.852	697.105	.121%	99.082%
44.0	9.432	0.763	697.868	.108%	99.191%
45.0	8.341	0.683	698.551	.097%	99.288%
46.0	7.185	0.607	699.158	.086%	99.374%
47.0	6.284	0.536	699.694	.076%	99.450%
48.0	5.421	0.473	700.167	.067%	99.518%
49.0	4.697	0.415	700.582	.059%	99.577%
50.0	3.999	0.363	700.945	.052%	99.628%
51.0	3.466	0.316	701.261	.045%	99.673%
52.0	2.996	0.277	701.538	.039%	99.713%
53.0	2.564	0.242	701.78	.034%	99.747%
54.0	2.171	0.209	701.988	.030%	99.777%
55.0	1.853	0.180	702.168	.026%	99.802%
56.0	1.663	0.159	702.327	.023%	99.825%
57.0	1.333	0.137	702.464	.019%	99.844%
58.0	1.143	0.114	702.578	.016%	99.860%
59.0	0.927	0.097	702.675	.014%	99.874%
60.0	0.686	0.076	702.751	.011%	99.885%
61.0	0.470	0.055	702.806	.008%	99.893%
62.0	0.330	0.039	702.845	.005%	99.898%
63.0	0.178	0.025	702.87	.004%	99.902%
64.0	0.051	0.011	702.881	.002%	99.903%
65.0	0.051	0.005	702.886	.001%	99.904%
66.0	0.000	0.003	702.888	.000%	99.905%
67.0	0.000	0.000	702.888	.000%	99.905%
68.0	0.000	0.000	702.888	.000%	99.905%
69.0	0.000	0.000	702.888	.000%	99.905%
70.0	0.000	0.000	702.888	.000%	99.905%
71.0	0.000	0.000	702.888	.000%	99.905%
72.0	0.000	0.000	702.888	.000%	99.905%
73.0	0.000	0.000	702.888	.000%	99.905%
74.0	0.000	0.000	702.888	.000%	99.905%
75.0	0.000	0.000	702.888	.000%	99.905%

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.000	0.000	702.888	.000%	99.905%
77.0	0.000	0.000	702.888	.000%	99.905%
78.0	0.000	0.000	702.888	.000%	99.905%
79.0	0.000	0.000	702.888	.000%	99.905%
80.0	0.000	0.000	702.888	.000%	99.905%
81.0	0.000	0.000	702.888	.000%	99.905%
82.0	0.000	0.000	702.888	.000%	99.905%
83.0	0.000	0.000	702.888	.000%	99.905%
84.0	0.000	0.000	702.888	.000%	99.905%
85.0	0.000	0.000	702.888	.000%	99.905%
86.0	0.000	0.000	702.888	.000%	99.905%
87.0	0.000	0.000	702.888	.000%	99.905%
88.0	0.000	0.000	702.888	.000%	99.905%
89.0	0.000	0.000	702.888	.000%	99.905%
90.0	0.000	0.000	702.888	.000%	99.905%
91.0	0.000	0.000	702.888	.000%	99.905%
92.0	0.000	0.000	702.888	.000%	99.905%
93.0	0.000	0.000	702.888	.000%	99.905%
94.0	0.000	0.000	702.888	.000%	99.905%
95.0	0.000	0.000	702.888	.000%	99.905%
96.0	0.000	0.000	702.888	.000%	99.905%
97.0	0.000	0.000	702.888	.000%	99.905%
98.0	0.000	0.000	702.888	.000%	99.905%
99.0	0.000	0.000	702.888	.000%	99.905%
100.0	0.000	0.000	702.888	.000%	99.905%
101.0	0.000	0.000	702.888	.000%	99.905%
102.0	0.000	0.000	702.888	.000%	99.905%
103.0	0.000	0.000	702.888	.000%	99.905%
104.0	0.000	0.000	702.888	.000%	99.905%
105.0	0.000	0.000	702.888	.000%	99.905%
106.0	0.000	0.000	702.888	.000%	99.905%
107.0	0.000	0.000	702.888	.000%	99.905%
108.0	0.000	0.000	702.888	.000%	99.905%
109.0	0.000	0.000	702.888	.000%	99.905%
110.0	0.000	0.000	702.888	.000%	99.905%
111.0	0.000	0.000	702.888	.000%	99.905%
112.0	0.000	0.000	702.888	.000%	99.905%
113.0	0.000	0.000	702.888	.000%	99.905%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	0.000	0.000	702.888	.000%	99.905%
115.0	0.000	0.000	702.888	.000%	99.905%
116.0	0.000	0.000	702.888	.000%	99.905%
117.0	0.000	0.000	702.888	.000%	99.905%
118.0	0.000	0.000	702.888	.000%	99.905%
119.0	0.000	0.000	702.888	.000%	99.905%
120.0	0.000	0.000	702.888	.000%	99.905%
121.0	0.000	0.000	702.888	.000%	99.905%
122.0	0.000	0.000	702.888	.000%	99.905%
123.0	0.000	0.000	702.888	.000%	99.905%
124.0	0.000	0.000	702.888	.000%	99.905%
125.0	0.000	0.000	702.888	.000%	99.905%
126.0	0.000	0.000	702.888	.000%	99.905%
127.0	0.000	0.000	702.888	.000%	99.905%
128.0	0.000	0.000	702.888	.000%	99.905%
129.0	0.000	0.000	702.888	.000%	99.905%
130.0	0.000	0.000	702.888	.000%	99.905%
131.0	0.000	0.000	702.888	.000%	99.905%
132.0	0.000	0.000	702.888	.000%	99.905%
133.0	0.000	0.000	702.888	.000%	99.905%
134.0	0.000	0.000	702.888	.000%	99.905%
135.0	0.000	0.000	702.888	.000%	99.905%
136.0	0.000	0.000	702.888	.000%	99.905%
137.0	0.000	0.000	702.888	.000%	99.905%
138.0	0.000	0.000	702.888	.000%	99.905%
139.0	0.000	0.000	702.888	.000%	99.905%
140.0	0.000	0.000	702.888	.000%	99.905%
141.0	0.000	0.000	702.888	.000%	99.905%
142.0	0.000	0.000	702.888	.000%	99.905%
143.0	0.000	0.000	702.888	.000%	99.905%
144.0	0.000	0.000	702.888	.000%	99.905%
145.0	0.000	0.000	702.888	.000%	99.905%
146.0	0.000	0.000	702.888	.000%	99.905%
147.0	0.000	0.000	702.888	.000%	99.905%
148.0	0.000	0.000	702.888	.000%	99.905%
149.0	0.000	0.000	702.888	.000%	99.905%
150.0	0.000	0.000	702.888	.000%	99.905%
151.0	0.000	0.000	702.888	.000%	99.905%

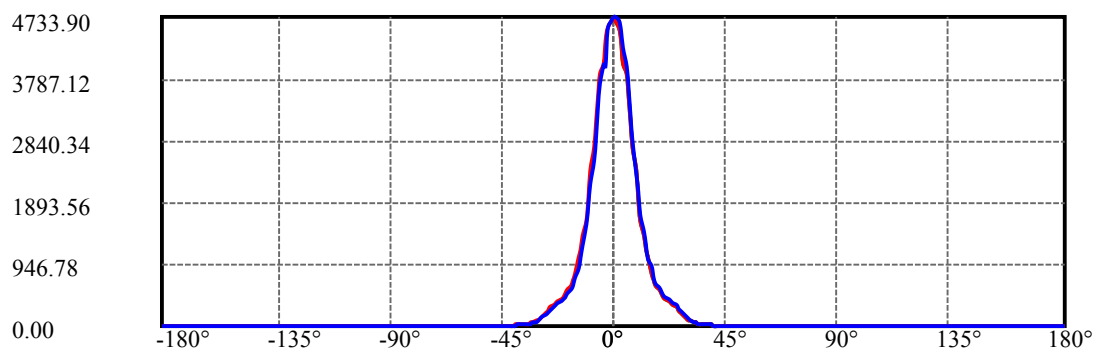
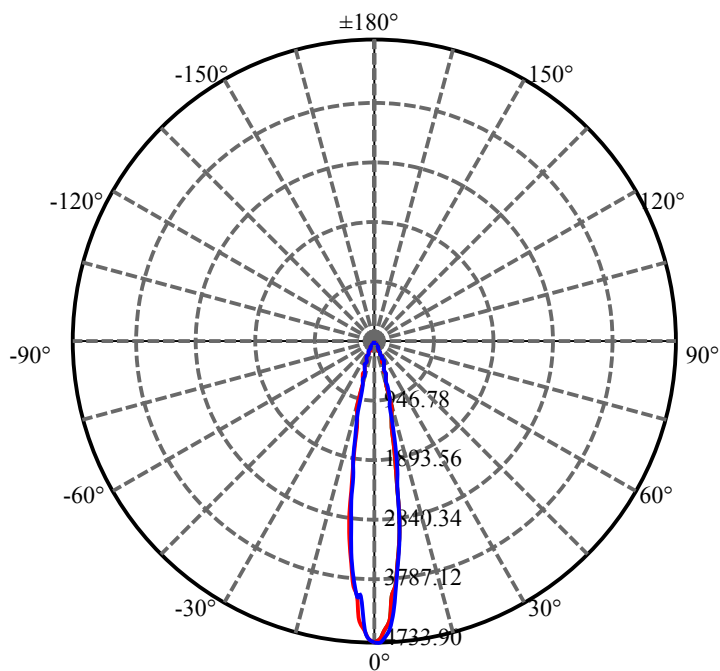
γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	0.051	0.001	702.89	.000%	99.905%
153.0	0.178	0.006	702.896	.001%	99.906%
154.0	0.203	0.009	702.905	.001%	99.907%
155.0	0.317	0.012	702.917	.002%	99.909%
156.0	0.381	0.016	702.933	.002%	99.911%
157.0	0.520	0.020	702.953	.003%	99.914%
158.0	0.660	0.025	702.978	.004%	99.917%
159.0	0.736	0.028	703.006	.004%	99.921%
160.0	0.851	0.030	703.036	.004%	99.926%
161.0	0.965	0.033	703.069	.005%	99.930%
162.0	1.066	0.035	703.105	.005%	99.935%
163.0	1.193	0.037	703.142	.005%	99.941%
164.0	1.282	0.039	703.18	.005%	99.946%
165.0	1.346	0.039	703.219	.005%	99.952%
166.0	1.460	0.039	703.257	.005%	99.957%
167.0	1.511	0.038	703.296	.005%	99.962%
168.0	1.574	0.037	703.332	.005%	99.968%
169.0	1.612	0.035	703.367	.005%	99.973%
170.0	1.625	0.032	703.399	.005%	99.977%
171.0	1.714	0.030	703.43	.004%	99.981%
172.0	1.739	0.028	703.458	.004%	99.985%
173.0	1.777	0.025	703.483	.004%	99.989%
174.0	1.739	0.022	703.504	.003%	99.992%
175.0	1.587	0.017	703.522	.002%	99.995%
176.0	1.600	0.014	703.536	.002%	99.997%
177.0	1.587	0.011	703.546	.002%	99.998%
178.0	1.574	0.008	703.554	.001%	99.999%
179.0	1.600	0.005	703.558	.001%	100.000%
180.0	1.625	0.002	703.56	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	669.28	95.13%
0-40	694.24	98.68%
0-60	702.75	99.89%
0-90	702.89	99.90%
0-120	702.89	99.90%
0-180	703.56	100.00%
60-90	0.21	0.03%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.67	0.10%
0-20.87	562.85	80.00%

ZONAL LUMEN SUMMARY

0-10	300.49
10-20	248.05
20-30	120.73
30-40	24.96
40-50	6.70
50-60	1.81
60-70	0.14
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	0.15
160-170	0.36
170-180	0.16



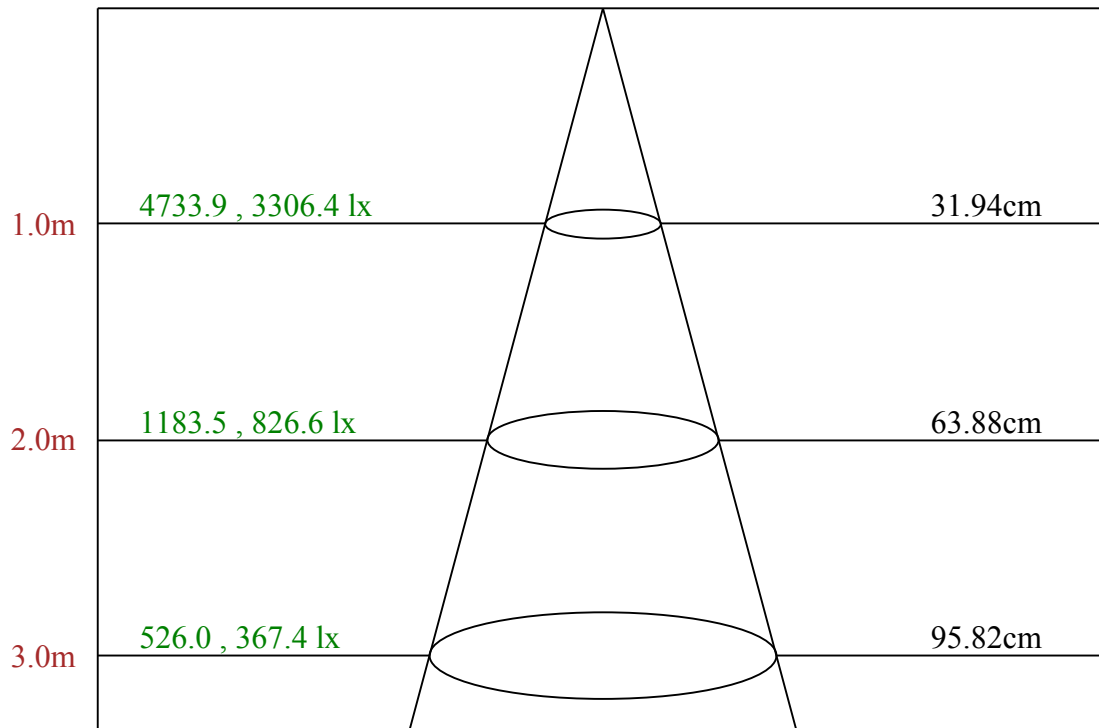
C0(Max): ———

C0/C180: ———

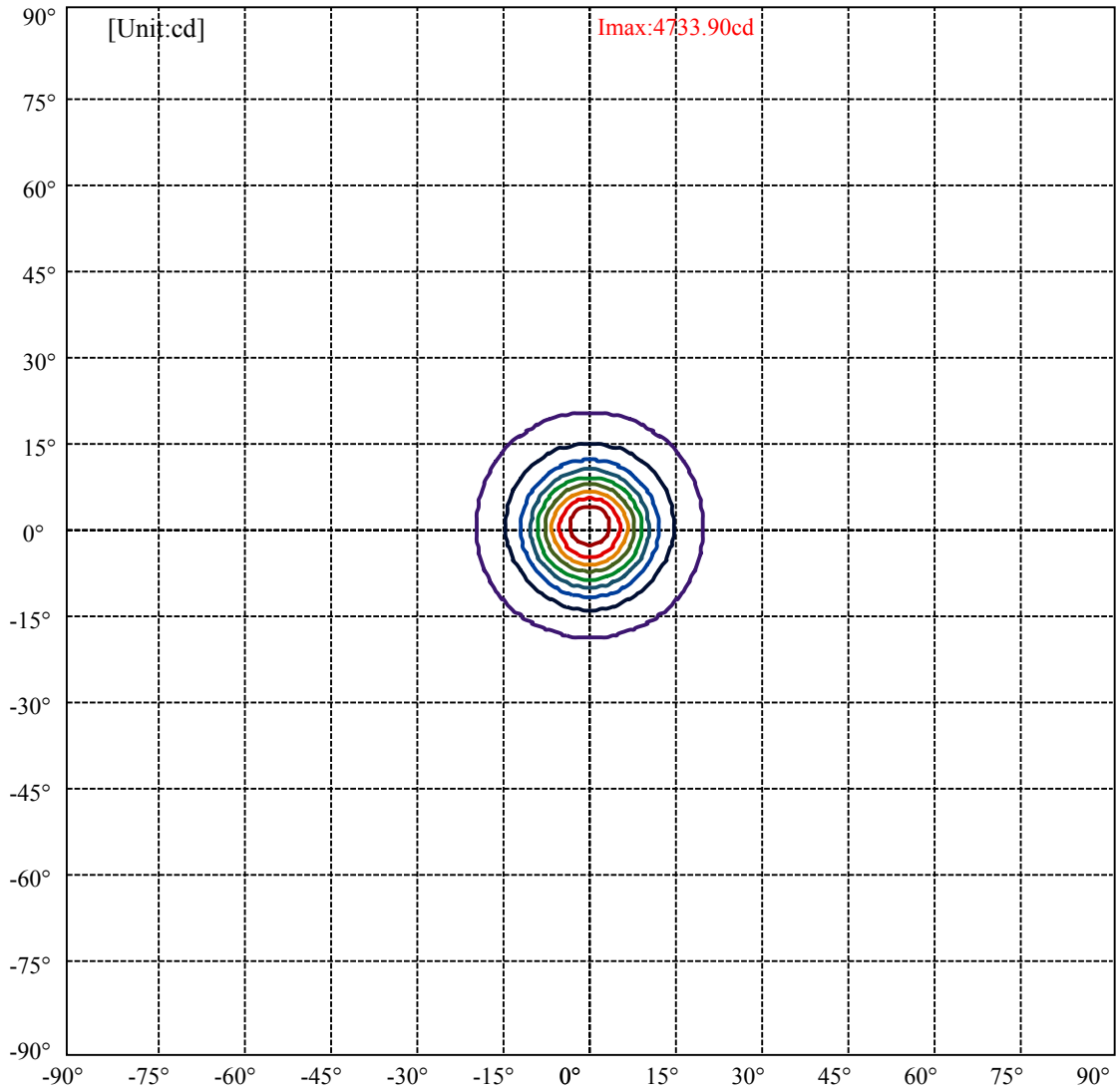
C90/C270: ———

Field angle(10%Imax):C0/180Left:19.5 Right:19.5
:C90/270Left:18.6 Right:20.1

Beam Angle(50%Imax):C0/180Left:9.0 Right:9.0
:C90/270Left:8.4 Right:8.9



Max , Ave Beam angle of C0 plane 18.15

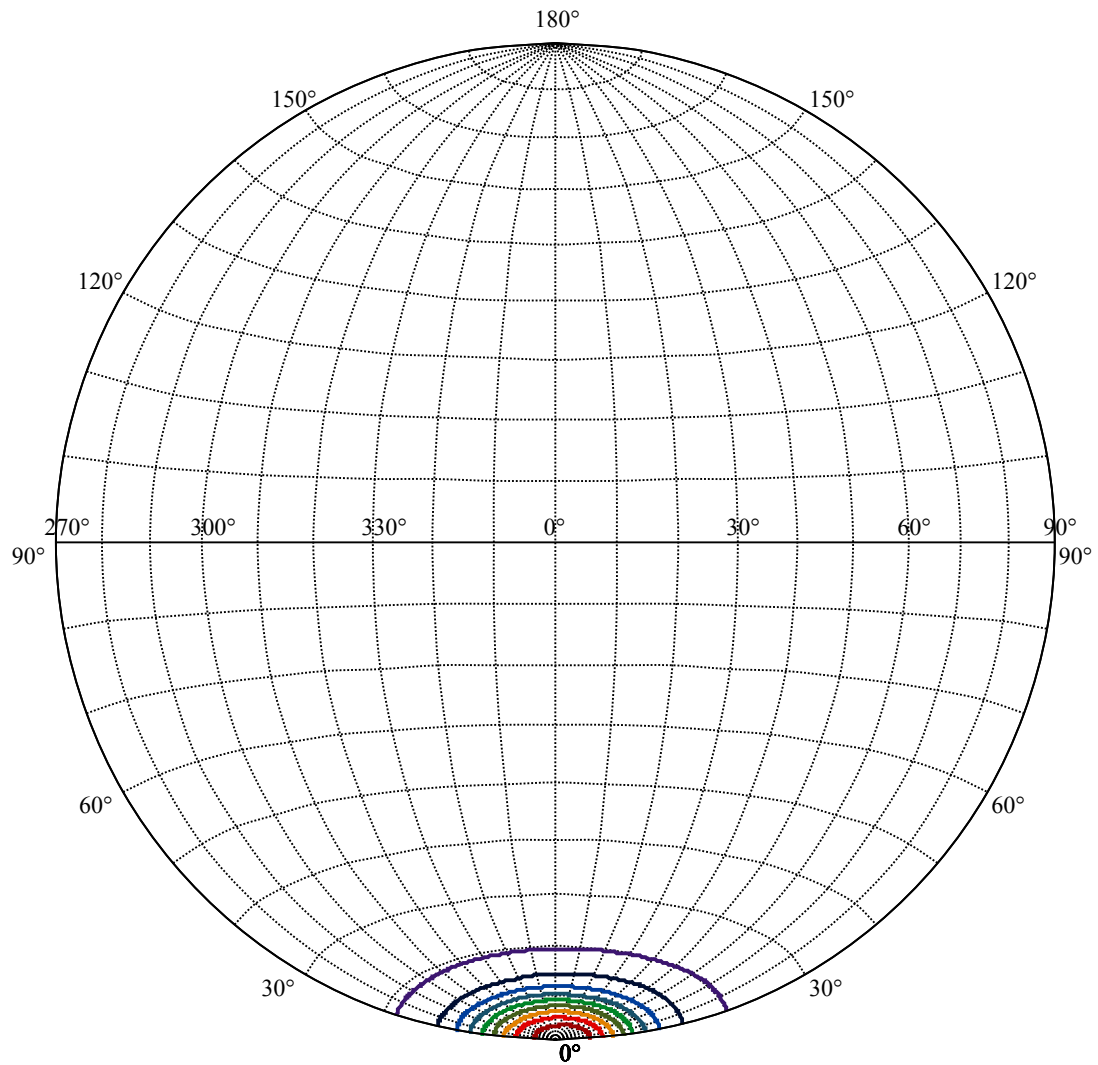


(10%Imax) 473.39	—
(20%Imax) 946.781	—
(30%Imax) 1420.17	—
(40%Imax) 1893.56	—
(50%Imax) 2366.95	—
(60%Imax) 2840.34	—
(70%Imax) 3313.73	—
(80%Imax) 3787.12	—
(90%Imax) 4260.51	—

Equipment:
Temperature(°C): 25.0

Date: 2018-1-6
Humidity(%): 60.0%

Operator: Meteor
Distance(m): 14.25



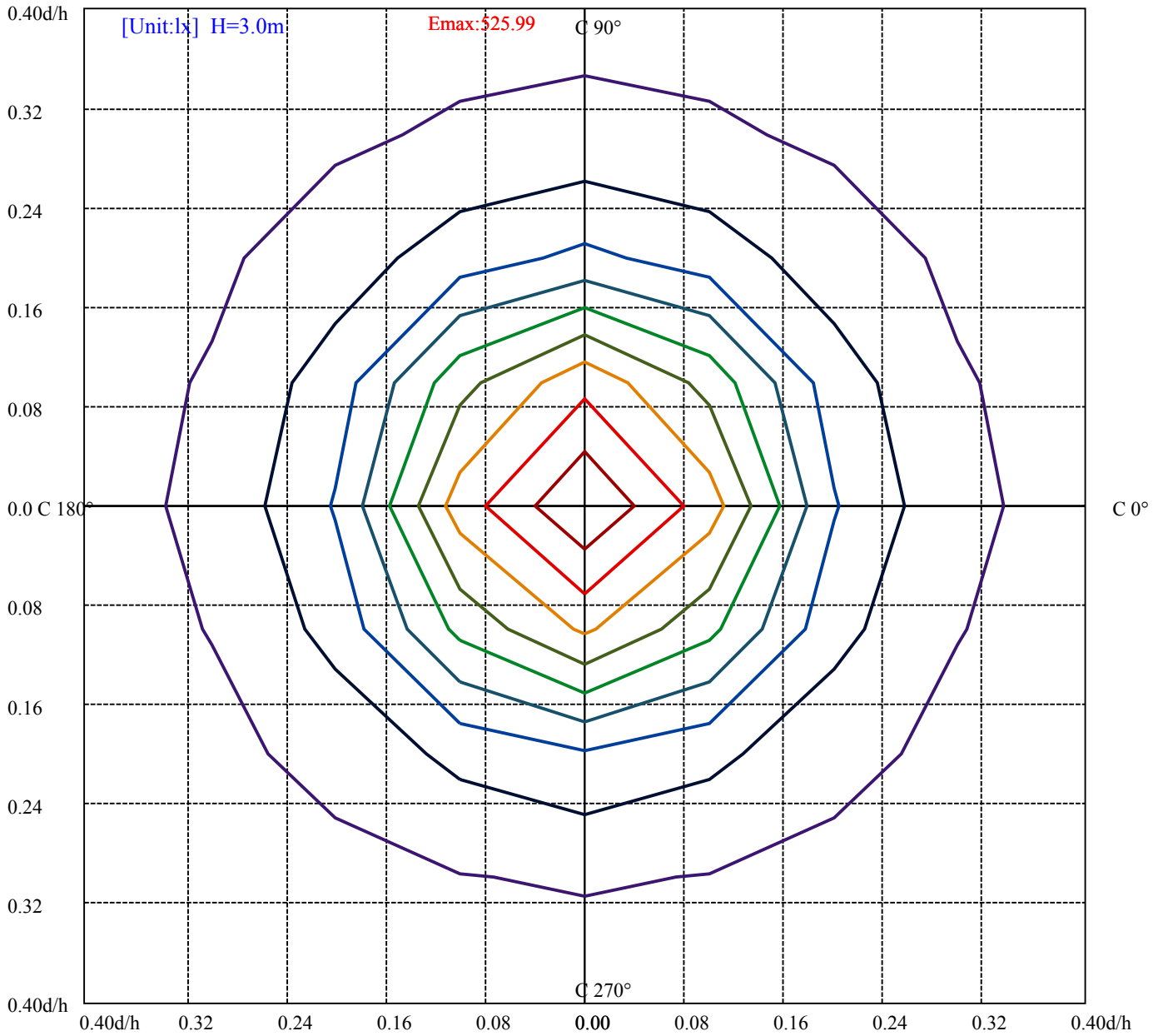
House

[Unit:cd]

Road

Imax:4733.90

(10%Imax) 473.39	—
(20%Imax) 946.781	—
(30%Imax) 1420.17	—
(40%Imax) 1893.56	—
(50%Imax) 2366.95	—
(60%Imax) 2840.34	—
(70%Imax) 3313.73	—
(80%Imax) 3787.12	—
(90%Imax) 4260.51	—

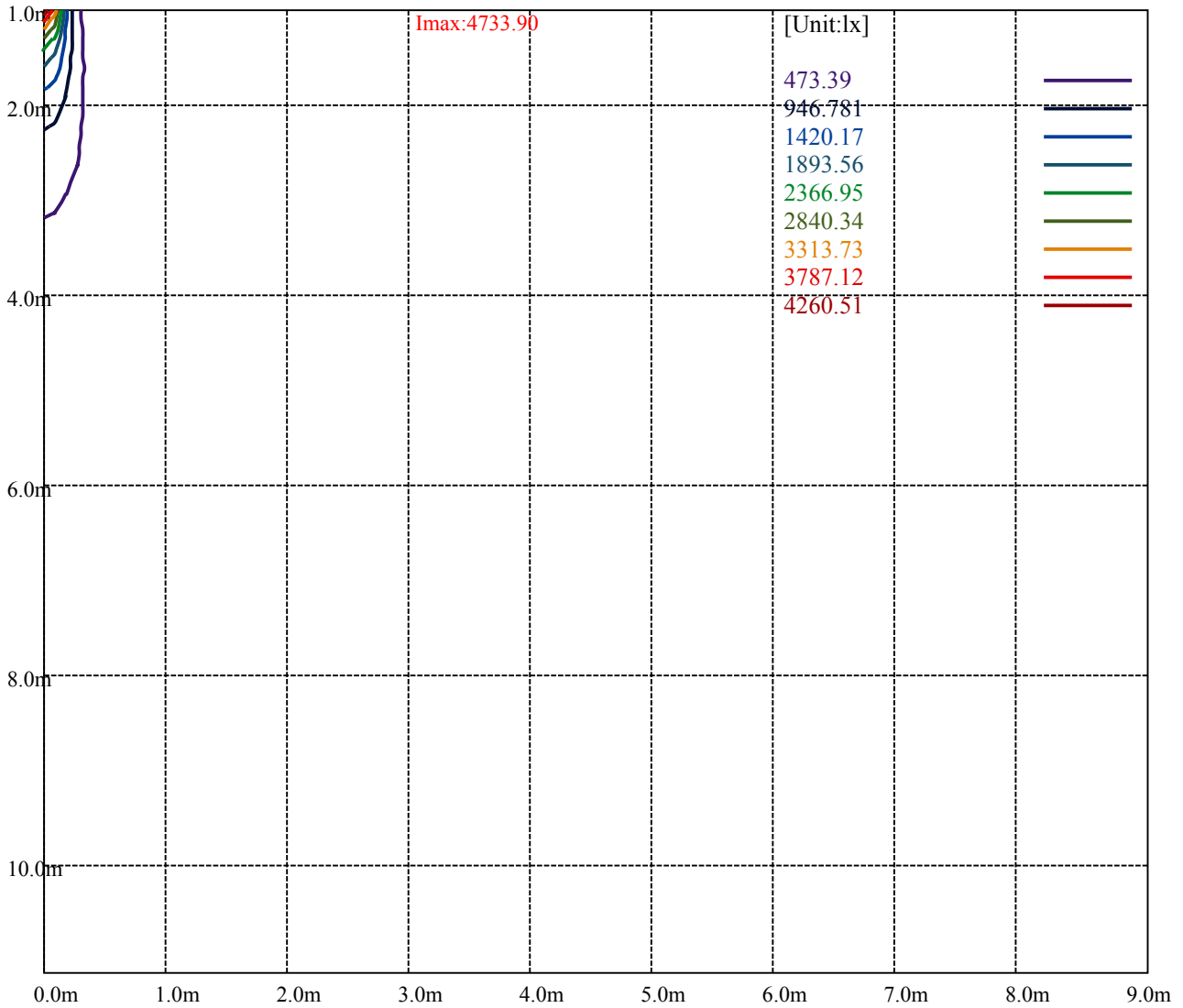


- (10%Emax) 52.59889
- (20%Emax) 105.1978
- (30%Emax) 157.7967
- (40%Emax) 210.3956
- (50%Emax) 262.9944
- (60%Emax) 315.5934
- (70%Emax) 368.1922
- (80%Emax) 420.7911
- (90%Emax) 473.39

Equipment:
Temperature(°C): 25.0

Date: 2018-1-6
Humidity(%): 60.0%

Operator: Meteor
Distance(m): 14.25



Luminance Table

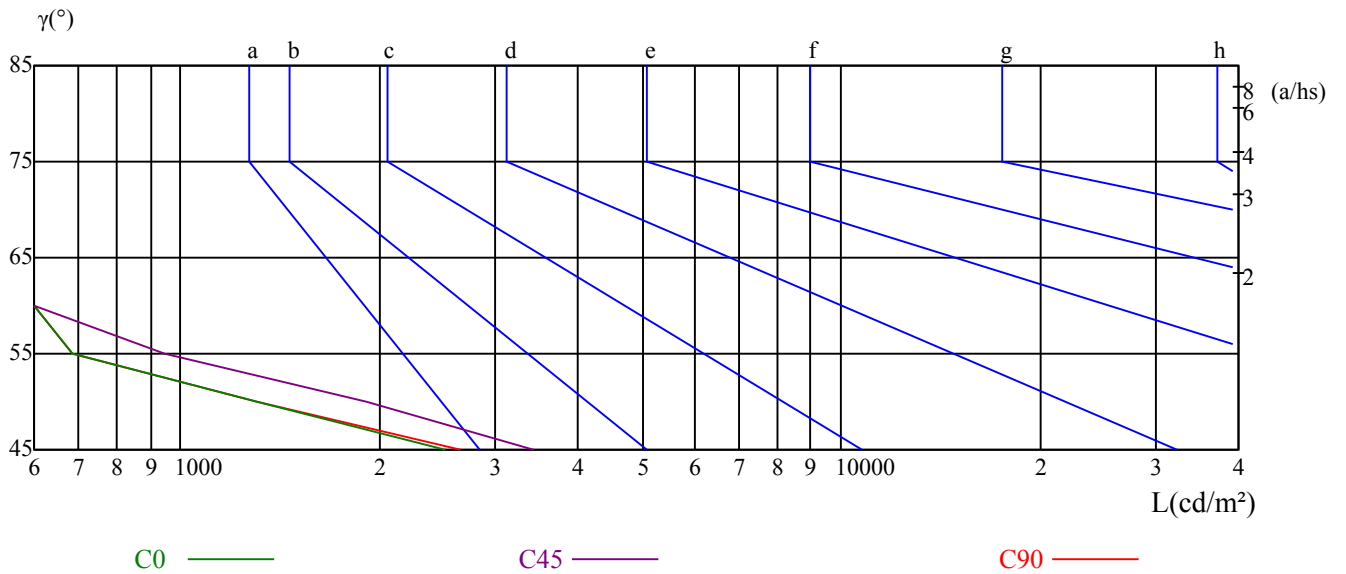
γ	45	50	55	60	65	70	75	80	85
C0	2508	1303	687	197	0	0	0	0	0
C45	3414	1916	945	493	117	0	0	0	0
C90	2648	1303	687	197	0	0	0	0	0

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

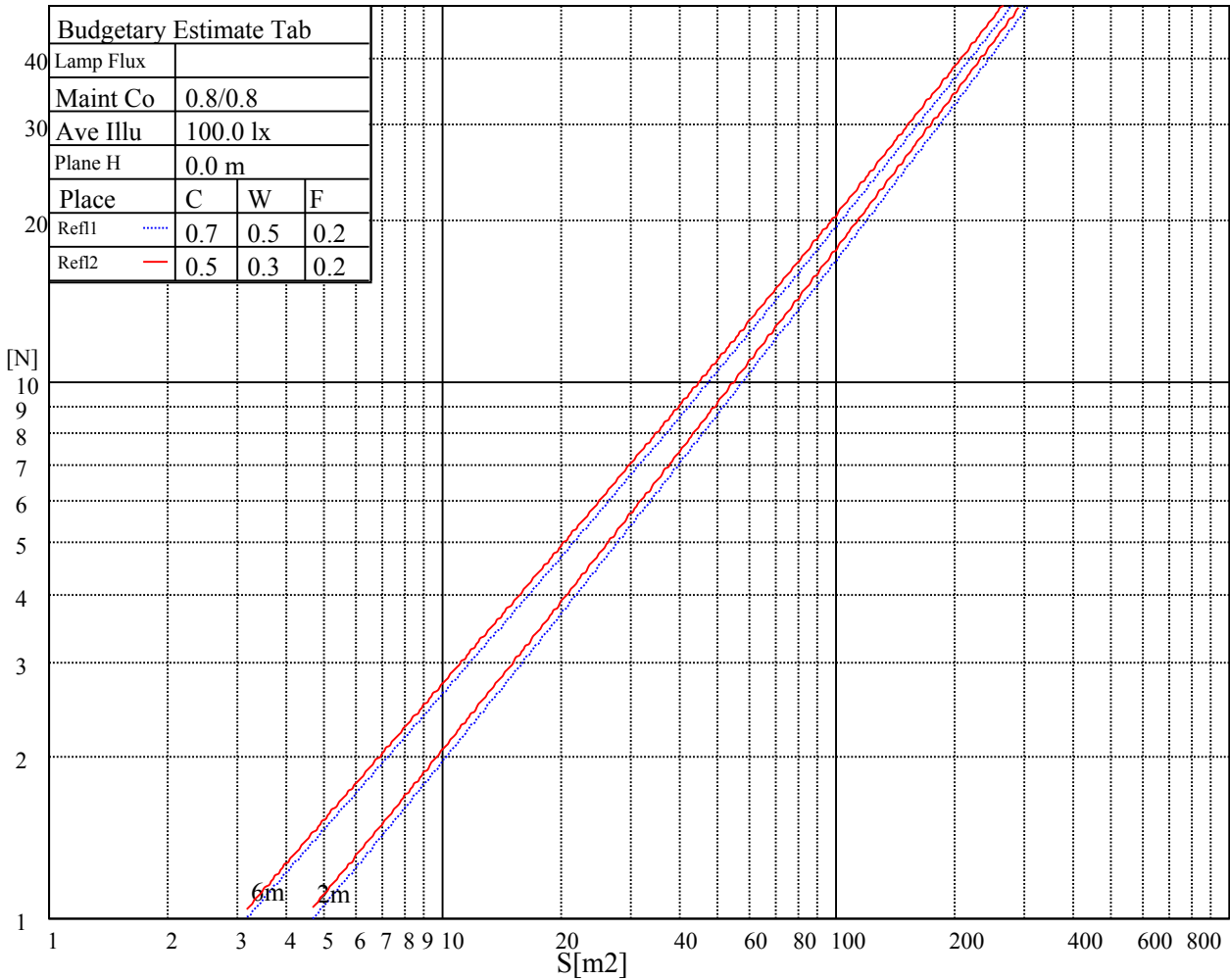
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

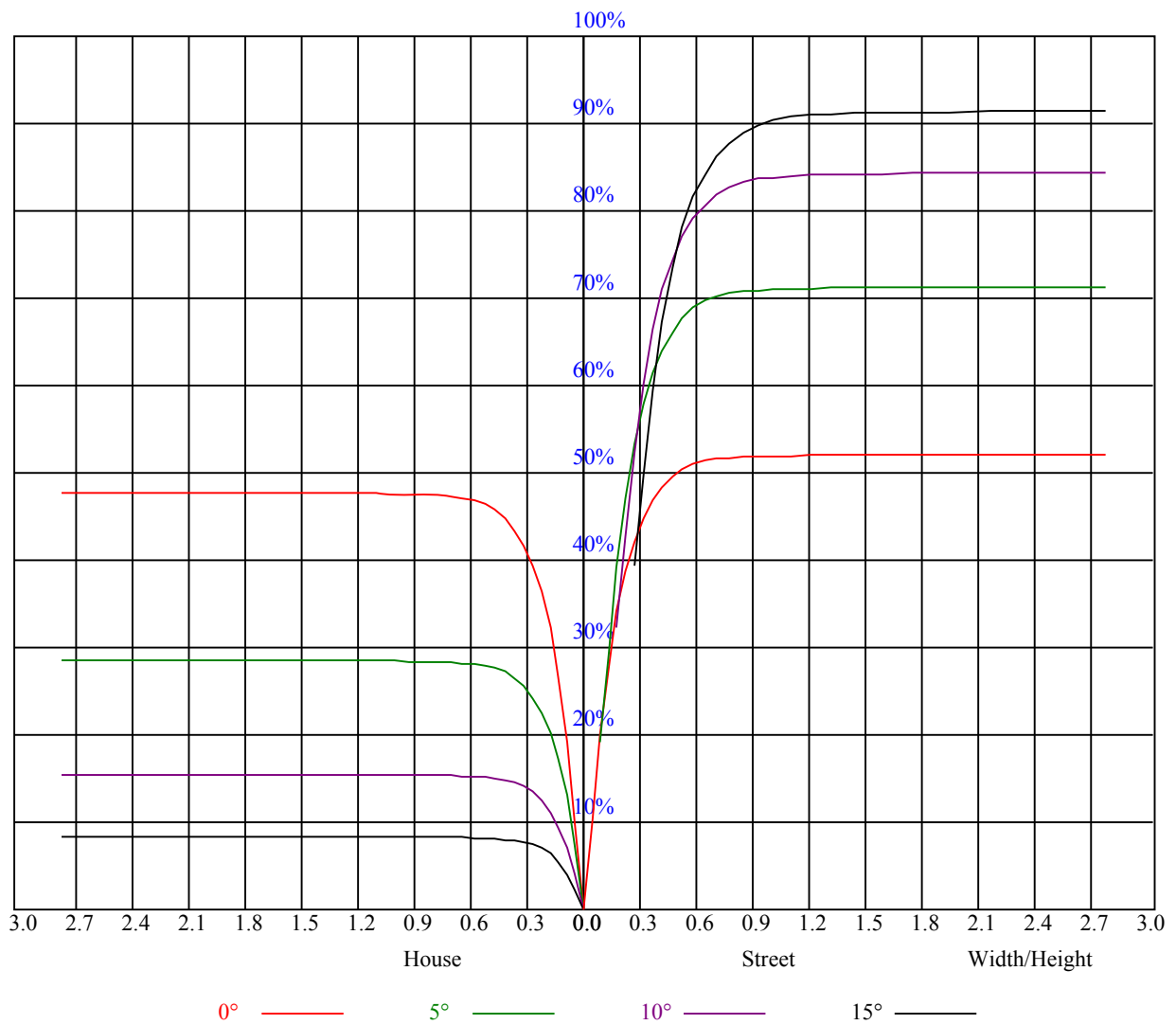


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	-3.97	-3.08	-3.61	-2.77	-2.46	-3.66	-2.77	-3.30	-2.46	-2.15
	3H	-4.19	-3.41	-3.81	-3.07	-2.70	-3.88	-3.10	-3.50	-2.76	-2.39
	4H	-4.30	-3.58	-3.89	-3.22	-2.83	-3.99	-3.27	-3.58	-2.91	-2.52
	6H	-4.42	-3.76	-4.00	-3.38	-2.99	-4.11	-3.45	-3.69	-3.07	-2.68
	8H	-4.48	-3.86	-4.04	-3.47	-3.06	-4.17	-3.55	-3.73	-3.16	-2.75
	12H	-4.55	-3.96	-4.11	-3.57	-3.14	-4.24	-3.65	-3.80	-3.26	-2.83
4H	2H	-4.23	-3.51	-3.82	-3.15	-2.76	-3.92	-3.20	-3.52	-2.85	-2.46
	3H	-4.46	-3.87	-4.04	-3.46	-3.05	-4.16	-3.57	-3.74	-3.16	-2.75
	4H	-4.59	-4.07	-4.15	-3.64	-3.19	-4.29	-3.76	-3.85	-3.34	-2.89
	6H	-4.71	-4.26	-4.24	-3.81	-3.33	-4.41	-3.96	-3.93	-3.51	-3.03
	8H	-4.79	-4.37	-4.31	-3.92	-3.44	-4.48	-4.07	-4.00	-3.62	-3.14
	12H	-4.86	-4.50	-4.36	-4.01	-3.53	-4.55	-4.20	-4.06	-3.71	-3.23
8H	4H	-4.79	-4.37	-4.31	-3.92	-3.44	-4.48	-4.07	-4.00	-3.62	-3.14
	6H	-4.92	-4.59	-4.41	-4.09	-3.60	-4.61	-4.29	-4.10	-3.78	-3.30
	8H	-5.00	-4.71	-4.46	-4.18	-3.69	-4.69	-4.40	-4.15	-3.88	-3.38
	12H	-5.02	-4.77	-4.49	-4.27	-3.69	-4.72	-4.48	-4.20	-3.98	-3.39
12H	4H	-4.86	-4.50	-4.36	-4.01	-3.53	-4.55	-4.20	-4.06	-3.71	-3.23
	6H	-4.83	-4.71	-4.45	-4.23	-3.68	-4.53	-4.40	-4.15	-3.93	-3.38
	8H	-5.05	-4.81	-4.53	-4.31	-3.73	-4.75	-4.51	-4.23	-4.01	-3.42

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 RHOF=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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	0.99	0.98	0.97
2	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	0.99	1.00	0.99	0.97	0.98	0.96	0.95	0.94
3	1.04	1.00	0.97	1.02	0.99	0.97	1.00	0.97	0.95	0.98	0.95	0.94	0.95	0.94	0.92	0.91
4	1.00	0.96	0.93	0.99	0.95	0.92	0.97	0.94	0.91	0.95	0.92	0.90	0.93	0.91	0.89	0.88
5	0.96	0.92	0.89	0.95	0.92	0.89	0.94	0.91	0.88	0.92	0.90	0.88	0.91	0.89	0.87	0.86
6	0.93	0.89	0.86	0.93	0.89	0.86	0.91	0.88	0.85	0.90	0.87	0.85	0.89	0.86	0.84	0.83
7	0.90	0.86	0.84	0.90	0.86	0.83	0.89	0.85	0.83	0.88	0.85	0.83	0.87	0.84	0.82	0.81
8	0.88	0.84	0.81	0.87	0.84	0.81	0.86	0.83	0.81	0.86	0.83	0.80	0.85	0.82	0.80	0.79
9	0.85	0.82	0.79	0.85	0.81	0.79	0.84	0.81	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.77
10	0.83	0.79	0.77	0.83	0.79	0.77	0.82	0.79	0.77	0.82	0.79	0.77	0.81	0.78	0.76	0.75



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	4733.90	4685.36	4566.53	4388.19	4014.45	3842.01	3507.67	3114.03	2739.27
22.5	4733.90	4712.78	4599.64	4432.68	4202.34	3889.33	3524.53	3160.54	2782.33
45.0	4733.90	4716.64	4646.56	4506.41	4252.31	3939.30	3599.89	3162.98	2778.07
67.5	4733.90	4725.78	4654.69	4513.52	4301.26	3967.13	3619.79	3173.74	2783.75
90.0	4733.90	4733.90	4671.34	4542.36	4253.93	3955.35	3602.32	3211.12	2815.85
112.5	4733.90	4725.78	4654.69	4513.52	4301.26	3967.13	3619.79	3173.74	2783.75
135.0	4733.90	4716.64	4646.56	4506.41	4252.31	3939.30	3599.89	3162.98	2778.07
157.5	4733.90	4712.78	4599.64	4432.68	4202.34	3889.33	3524.53	3160.54	2782.33
180.0	4733.90	4685.36	4566.53	4388.19	4014.45	3842.01	3507.67	3114.03	2739.27
202.5	4733.90	4679.67	4554.14	4273.43	3966.31	3762.79	3420.53	3025.67	2657.01
225.0	4733.90	4668.90	4502.35	4228.54	3988.66	3760.35	3303.54	2942.59	2580.84
247.5	4733.90	4647.58	4501.33	4022.17	3972.61	3656.15	3277.74	2921.67	2567.43
270.0	4733.90	4661.39	4526.11	4005.72	4005.72	3691.09	3346.19	2871.70	2519.29
292.5	4733.90	4647.58	4501.33	4022.17	3972.61	3656.15	3277.74	2921.67	2567.43
315.0	4733.90	4668.90	4502.35	4228.54	3988.66	3760.35	3303.54	2942.59	2580.84
337.5	4733.90	4679.67	4554.14	4273.43	3966.31	3762.79	3420.53	3025.67	2657.01
360.0	4733.90	4685.36	4566.53	4388.19	4014.45	3842.01	3507.67	3114.03	2739.27
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2373.86	1951.98	1629.42	1373.09	1173.62	1067.39	804.15	700.15	618.91
22.5	2346.84	1956.45	1659.89	1401.93	1183.78	1064.35	897.79	725.54	632.92
45.0	2406.15	2008.85	1706.00	1423.46	1191.91	1057.85	940.44	734.68	646.94
67.5	2374.47	2002.76	1703.16	1444.18	1210.59	1061.30	948.77	752.35	652.42
90.0	2309.47	2061.46	1702.34	1440.12	1222.37	1042.82	922.77	742.81	658.31
112.5	2374.47	2002.76	1703.16	1444.18	1210.59	1061.30	948.77	752.35	652.42
135.0	2406.15	2008.85	1706.00	1423.46	1191.91	1057.85	940.44	734.68	646.94
157.5	2346.84	1956.45	1659.89	1401.93	1183.78	1064.35	897.79	725.54	632.92
180.0	2373.86	1951.98	1629.42	1373.09	1173.62	1067.39	804.15	700.15	618.91
202.5	2269.66	1937.96	1593.68	1341.20	1099.28	931.91	798.46	694.47	594.33
225.0	2231.88	1854.68	1544.72	1279.04	1076.13	908.76	764.95	656.89	579.09
247.5	2166.07	1848.59	1561.38	1311.34	1051.96	887.02	756.42	654.65	570.97
270.0	2178.66	1859.56	1569.10	1239.84	1067.60	896.37	723.31	628.45	555.94
292.5	2166.07	1848.59	1561.38	1311.34	1051.96	887.02	756.42	654.65	570.97
315.0	2231.88	1854.68	1544.72	1279.04	1076.13	908.76	764.95	656.89	579.09
337.5	2269.66	1937.96	1593.68	1341.20	1099.28	931.91	798.46	694.47	594.33
360.0	2373.86	1951.98	1629.42	1373.09	1173.62	1067.39	804.15	700.15	618.91
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	548.22	496.63	452.96	419.24	387.35	345.10	314.84	280.51	240.29
22.5	562.23	504.14	461.49	426.14	390.60	356.88	324.58	290.05	247.40
45.0	573.41	517.55	472.05	428.79	396.08	364.60	323.57	285.79	251.87
67.5	585.19	522.22	483.02	443.41	408.27	377.19	345.30	307.73	265.07
90.0	580.11	534.41	475.71	440.16	413.15	374.76	343.88	309.76	272.79
112.5	585.19	522.22	483.02	443.41	408.27	377.19	345.30	307.73	265.07
135.0	573.41	517.55	472.05	428.79	396.08	364.60	323.57	285.79	251.87
157.5	562.23	504.14	461.49	426.14	390.60	356.88	324.58	290.05	247.40
180.0	548.22	496.63	452.96	419.24	387.35	345.10	314.84	280.51	240.29
202.5	532.17	482.21	441.58	399.74	369.27	338.80	305.90	267.31	223.23
225.0	517.35	467.99	419.04	385.52	356.68	324.18	289.85	249.43	213.28
247.5	501.91	451.33	416.39	380.65	350.79	316.26	281.93	248.21	213.07
270.0	498.66	453.16	411.72	380.65	351.60	321.94	280.10	246.38	211.65
292.5	501.91	451.33	416.39	380.65	350.79	316.26	281.93	248.21	213.07
315.0	517.35	467.99	419.04	385.52	356.68	324.18	289.85	249.43	213.28
337.5	532.17	482.21	441.58	399.74	369.27	338.80	305.90	267.31	223.23
360.0	548.22	496.63	452.96	419.24	387.35	345.10	314.84	280.51	240.29

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	192.96	156.81	127.76	98.72	78.00	59.92	49.36	41.23	33.92
22.5	209.82	173.06	136.09	106.23	84.50	67.64	54.03	43.87	36.16
45.0	214.29	167.98	135.07	107.65	85.72	67.64	54.03	44.69	37.78
67.5	224.85	182.60	141.37	111.92	87.14	69.67	54.64	45.50	38.19
90.0	227.29	188.29	150.92	117.81	83.89	66.62	53.42	43.47	34.73
112.5	224.85	182.60	141.37	111.92	87.14	69.67	54.64	45.50	38.19
135.0	214.29	167.98	135.07	107.65	85.72	67.64	54.03	44.69	37.78
157.5	209.82	173.06	136.09	106.23	84.50	67.64	54.03	43.87	36.16
180.0	192.96	156.81	127.76	98.72	78.00	59.92	49.36	41.23	33.92
202.5	185.45	150.51	115.98	90.19	72.11	58.50	48.14	40.42	33.51
225.0	171.84	139.14	111.11	86.94	68.05	54.64	45.91	38.19	32.09
247.5	173.26	141.17	110.09	83.28	66.42	53.83	44.48	36.36	31.08
270.0	176.71	143.61	109.68	86.12	68.05	51.19	41.84	33.92	27.42
292.5	173.26	141.17	110.09	83.28	66.42	53.83	44.48	36.36	31.08
315.0	171.84	139.14	111.11	86.94	68.05	54.64	45.91	38.19	32.09
337.5	185.45	150.51	115.98	90.19	72.11	58.50	48.14	40.42	33.51
360.0	192.96	156.81	127.76	98.72	78.00	59.92	49.36	41.23	33.92
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	27.22	22.34	19.09	16.66	14.62	12.59	10.97	9.75	8.53
22.5	30.87	26.41	22.34	19.09	16.45	14.62	12.39	10.97	9.55
45.0	31.28	26.81	23.36	20.72	18.08	16.05	14.42	12.80	11.17
67.5	31.69	26.61	22.14	19.09	16.66	14.42	12.80	10.97	9.55
90.0	27.01	22.75	19.30	17.06	14.42	13.20	11.78	10.16	8.73
112.5	31.69	26.61	22.14	19.09	16.66	14.42	12.80	10.97	9.55
135.0	31.28	26.81	23.36	20.72	18.08	16.05	14.42	12.80	11.17
157.5	30.87	26.41	22.34	19.09	16.45	14.62	12.39	10.97	9.55
180.0	27.22	22.34	19.09	16.66	14.62	12.59	10.97	9.75	8.53
202.5	28.64	24.78	21.12	18.08	15.64	13.81	11.78	10.36	8.94
225.0	27.62	24.17	20.92	18.48	16.45	15.03	13.20	11.78	10.56
247.5	26.20	22.55	19.50	16.66	14.62	12.59	11.17	9.95	8.73
270.0	22.75	19.30	16.66	14.62	13.41	11.78	10.36	9.14	8.12
292.5	26.20	22.55	19.50	16.66	14.62	12.59	11.17	9.95	8.73
315.0	27.62	24.17	20.92	18.48	16.45	15.03	13.20	11.78	10.56
337.5	28.64	24.78	21.12	18.08	15.64	13.81	11.78	10.36	8.94
360.0	27.22	22.34	19.09	16.66	14.62	12.59	10.97	9.75	8.53
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	7.31	6.50	5.69	4.67	4.06	3.45	3.05	2.64	2.23
22.5	8.53	7.11	6.30	5.48	4.87	3.86	3.45	3.05	2.64
45.0	9.95	8.73	7.72	6.50	5.69	5.08	4.47	3.66	3.05
67.5	8.33	7.31	6.30	5.28	4.67	3.86	3.25	2.84	2.44
90.0	7.72	6.30	5.48	4.87	3.86	3.45	3.05	2.64	2.03
112.5	8.33	7.31	6.30	5.28	4.67	3.86	3.25	2.84	2.44
135.0	9.95	8.73	7.72	6.50	5.69	5.08	4.47	3.66	3.05
157.5	8.53	7.11	6.30	5.48	4.87	3.86	3.45	3.05	2.64
180.0	7.31	6.50	5.69	4.67	4.06	3.45	3.05	2.64	2.23
202.5	8.12	6.70	6.09	5.28	4.67	3.86	3.25	2.84	2.64
225.0	9.34	8.12	7.11	6.30	5.48	4.87	4.06	3.45	3.05
247.5	7.72	6.70	5.69	5.08	4.27	3.66	3.25	2.84	2.44
270.0	7.11	6.30	5.28	4.67	3.86	3.25	2.84	2.64	2.03
292.5	7.72	6.70	5.69	5.08	4.27	3.66	3.25	2.84	2.44
315.0	9.34	8.12	7.11	6.30	5.48	4.87	4.06	3.45	3.05
337.5	8.12	6.70	6.09	5.28	4.67	3.86	3.25	2.84	2.64
360.0	7.31	6.50	5.69	4.67	4.06	3.45	3.05	2.64	2.23

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	1.83	1.62	1.42	1.02	0.81	0.61	0.41	0.20	0.20
22.5	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61	0.41
45.0	2.64	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61
67.5	2.03	1.83	1.62	1.22	1.02	1.02	0.61	0.61	0.20
90.0	1.83	1.62	1.42	1.02	1.02	0.61	0.41	0.20	0.00
112.5	2.03	1.83	1.62	1.22	1.02	1.02	0.61	0.61	0.20
135.0	2.64	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61
157.5	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61	0.41
180.0	1.83	1.62	1.42	1.02	0.81	0.61	0.41	0.20	0.20
202.5	2.23	1.83	1.62	1.42	1.22	0.81	0.61	0.41	0.41
225.0	2.64	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61
247.5	2.03	1.62	1.62	1.22	1.02	0.81	0.81	0.41	0.20
270.0	1.62	1.22	1.22	1.22	1.02	0.81	0.41	0.41	0.00
292.5	2.03	1.62	1.62	1.22	1.02	0.81	0.81	0.41	0.20
315.0	2.64	2.23	2.03	1.62	1.42	1.22	1.02	0.61	0.61
337.5	2.23	1.83	1.62	1.42	1.22	0.81	0.61	0.41	0.41
360.0	1.83	1.62	1.42	1.02	0.81	0.61	0.41	0.20	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.20	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.20	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225.0	0.41	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
247.5	0.20	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
315.0	0.41	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
337.5	0.20	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(°)	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	0.00	0.20
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	0.20
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	0.20
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	0.20
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	0.20	0.20	0.41	0.41	0.61	0.61	0.61
22.5	0.20	0.20	0.41	0.41	0.61	0.61	0.61	0.61	0.81
45.0	0.20	0.41	0.41	0.41	0.61	0.81	1.02	1.22	1.22
67.5	0.20	0.20	0.41	0.61	0.81	1.02	1.22	1.22	1.22
90.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.61	0.81
112.5	0.20	0.20	0.41	0.61	0.81	1.02	1.22	1.22	1.22
135.0	0.20	0.41	0.41	0.41	0.61	0.81	1.02	1.22	1.22
157.5	0.20	0.20	0.41	0.41	0.61	0.61	0.61	0.61	0.81
180.0	0.00	0.00	0.20	0.20	0.41	0.41	0.61	0.61	0.61
202.5	0.20	0.20	0.20	0.41	0.41	0.61	0.61	0.81	0.81
225.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.81	1.02
247.5	0.20	0.20	0.20	0.20	0.41	0.61	0.61	0.81	1.22
270.0	0.20	0.20	0.20	0.41	0.61	0.61	0.61	0.81	0.81
292.5	0.20	0.20	0.20	0.20	0.41	0.61	0.61	0.81	1.22
315.0	0.20	0.20	0.41	0.41	0.41	0.61	0.61	0.81	1.02
337.5	0.20	0.20	0.20	0.41	0.41	0.61	0.61	0.81	0.81
360.0	0.00	0.00	0.20	0.20	0.41	0.41	0.61	0.61	0.61

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	0.81	1.02	1.02	1.02	1.02	1.22	1.42	1.22	1.42
22.5	0.81	1.02	1.02	1.22	1.42	1.42	1.42	1.62	1.83
45.0	1.22	1.42	1.62	1.62	1.83	1.83	2.03	2.23	2.23
67.5	1.42	1.42	1.42	1.62	1.62	1.62	1.62	1.62	1.62
90.0	1.02	1.02	1.22	1.22	1.22	1.42	1.42	1.42	1.42
112.5	1.42	1.42	1.42	1.62	1.62	1.62	1.62	1.62	1.62
135.0	1.22	1.42	1.62	1.62	1.83	1.83	2.03	2.23	2.23
157.5	0.81	1.02	1.02	1.22	1.42	1.42	1.42	1.62	1.83
180.0	0.81	1.02	1.02	1.02	1.02	1.22	1.42	1.22	1.42
202.5	1.02	1.02	1.22	1.22	1.22	1.42	1.42	1.42	1.42
225.0	1.02	1.02	1.22	1.22	1.22	1.42	1.62	1.62	1.62
247.5	1.22	1.62	1.62	1.62	2.03	1.62	1.62	1.62	1.42
270.0	1.02	1.02	1.02	1.22	1.42	1.62	1.42	1.62	1.42
292.5	1.22	1.62	1.62	1.62	2.03	1.62	1.62	1.62	1.42
315.0	1.02	1.02	1.22	1.22	1.22	1.42	1.62	1.62	1.62
337.5	1.02	1.02	1.22	1.22	1.22	1.42	1.42	1.42	1.42
360.0	0.81	1.02	1.02	1.02	1.02	1.22	1.42	1.22	1.42
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.62	1.42	1.42	1.42	1.42	1.62	1.42	1.62	1.42
22.5	2.03	1.83	2.03	2.03	1.83	1.62	1.62	1.42	1.62
45.0	2.44	2.44	2.44	2.44	1.62	1.62	1.62	1.62	1.62
67.5	1.62	1.62	1.83	1.62	1.42	1.42	1.62	1.42	1.62
90.0	1.42	1.83	1.83	1.62	1.62	1.42	1.42	1.62	1.62
112.5	1.62	1.62	1.83	1.62	1.42	1.42	1.62	1.42	1.62
135.0	2.44	2.44	2.44	2.44	1.62	1.62	1.62	1.62	1.62
157.5	2.03	1.83	2.03	2.03	1.83	1.62	1.62	1.42	1.62
180.0	1.62	1.42	1.42	1.42	1.42	1.62	1.42	1.62	1.42
202.5	1.42	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
225.0	1.62	1.83	1.62	1.62	1.62	1.62	1.62	1.62	1.83
247.5	1.42	1.42	1.62	1.62	1.62	1.83	1.62	1.62	1.42
270.0	1.62	1.62	1.42	1.42	1.42	1.42	1.62	1.62	1.62
292.5	1.42	1.42	1.62	1.62	1.62	1.83	1.62	1.62	1.42
315.0	1.62	1.83	1.62	1.62	1.62	1.62	1.62	1.62	1.83
337.5	1.42	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
360.0	1.62	1.42	1.42	1.42	1.42	1.62	1.42	1.62	1.42
C/γ(°)	180.0								
0.0	1.62								
22.5	1.62								
45.0	1.62								
67.5	1.62								
90.0	1.62								
112.5	1.62								
135.0	1.62								
157.5	1.62								
180.0	1.62								
202.5	1.62								
225.0	1.62								
247.5	1.62								
270.0	1.62								
292.5	1.62								
315.0	1.62								
337.5	1.62								
360.0	1.62								