

Report No	:		Voltage	:	230 V
Test No	:	T2214758	Current	:	0.0522 A
LumCAT	:	LIT by CARDI	Power	:	6.000 W
Luminaire	:	0019590042 LAPAR04 6W 4000K 600lm	PF	:	0.5
LampCAT	:		Ballast type	:	
Lamp flux	:	600.0 lm	Width	:	-46 mm
Number of Lamps	:	1	Length	:	-46 mm
Phm Type	:	C	Height	:	0 mm

Photometric Results

Lumens(lm)	:	600.12	Central intensity(cd)	:	1078.572
Efficiency(%)	:	100.00%	Maximum intensity(cd)	:	1078.572
Luminous Efficacy(lm/W)	:	100.02	Angle of maximum intensity	:	C=0.0 γ =0.0
Beam Angle(50%Imax)	:	[C0/180]Total=37.8 [C90/270]Total=37.8			
Field angle(10%Imax)	:	[C0/180]Total=74.0 [C90/270]Total=74.0			
Maximum s/h(1/2)	:	C0_180=0.61 C90_270=0.61			
Maximum s/h(1/4)	:	C0_180=0.64 C90_270=0.64			
Up flux rate of lamp(%)	:	0.00%			
Down flux rate of lamp(%)	:	100.02%			
Up flux rate of LUM(%)	:	- -			
Down flux rate of LUM(%)	:	100.00%			
CIE Type	:	Direct lighting			
Output flux ratio in π solid angle :	:	97.398%			

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1078.572	0.000	0	0.00%	0.00%
1.0	1075.424	1.031	1.031	0.17%	0.17%
2.0	1068.941	3.078	4.108	0.51%	0.68%
3.0	1060.424	5.093	9.201	0.85%	1.53%
4.0	1047.976	7.057	16.259	1.18%	2.71%
5.0	1032.174	8.949	25.207	1.49%	4.20%
6.0	1013.224	10.749	35.956	1.79%	5.99%
7.0	989.554	12.431	48.388	2.07%	8.06%
8.0	960.792	13.958	62.346	2.33%	10.39%
9.0	927.671	15.305	77.651	2.55%	12.94%
10.0	890.807	16.457	94.107	2.74%	15.68%
11.0	851.682	17.411	111.519	2.90%	18.58%
12.0	811.286	18.179	129.697	3.03%	21.61%
13.0	770.540	18.772	148.469	3.13%	24.74%
14.0	730.105	19.208	167.678	3.20%	27.94%
15.0	690.230	19.499	187.177	3.25%	31.19%
16.0	650.914	19.652	206.828	3.28%	34.46%
17.0	612.349	19.672	226.5	3.28%	37.74%
18.0	574.429	19.567	246.068	3.26%	41.00%
19.0	537.179	19.340	265.408	3.22%	44.23%
20.0	500.671	18.996	284.403	3.17%	47.39%
21.0	465.354	18.550	302.953	3.09%	50.48%
22.0	431.600	18.025	320.977	3.00%	53.49%
23.0	399.624	17.441	338.419	2.91%	56.39%
24.0	369.610	16.818	355.237	2.80%	59.19%
25.0	341.273	16.164	371.401	2.69%	61.89%
26.0	314.352	15.476	386.877	2.58%	64.47%
27.0	288.865	14.758	401.635	2.46%	66.93%
28.0	264.777	14.017	415.652	2.34%	69.26%
29.0	241.880	13.256	428.907	2.21%	71.47%
30.0	220.248	12.477	441.385	2.08%	73.55%
31.0	199.960	11.694	453.079	1.95%	75.50%
32.0	181.038	10.915	463.994	1.82%	77.32%
33.0	163.540	10.151	474.145	1.69%	79.01%
34.0	147.559	9.415	483.56	1.57%	80.58%
35.0	133.078	8.716	492.275	1.45%	82.03%
36.0	120.032	8.059	500.334	1.34%	83.37%
37.0	108.343	7.448	507.783	1.24%	84.61%

Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	97.859	6.883	514.666	1.15%	85.76%
39.0	88.485	6.360	521.026	1.06%	86.82%
40.0	80.067	5.878	526.904	0.98%	87.80%
41.0	72.488	5.432	532.337	0.91%	88.71%
42.0	65.628	5.018	537.355	0.84%	89.54%
43.0	59.416	4.632	541.987	0.77%	90.31%
44.0	53.798	4.273	546.26	0.71%	91.03%
45.0	48.721	3.940	550.2	0.66%	91.68%
46.0	44.165	3.633	553.832	0.61%	92.29%
47.0	40.096	3.351	557.184	0.56%	92.85%
48.0	36.486	3.096	560.279	0.52%	93.36%
49.0	33.280	2.865	563.144	0.48%	93.84%
50.0	30.445	2.657	565.801	0.44%	94.28%
51.0	27.951	2.471	568.272	0.41%	94.69%
52.0	25.726	2.303	570.575	0.38%	95.08%
53.0	23.731	2.151	572.727	0.36%	95.44%
54.0	21.942	2.013	574.74	0.34%	95.77%
55.0	20.343	1.888	576.627	0.31%	96.09%
56.0	18.897	1.773	578.4	0.30%	96.38%
57.0	17.576	1.668	580.068	0.28%	96.66%
58.0	16.357	1.569	581.637	0.26%	96.92%
59.0	15.233	1.477	583.114	0.25%	97.17%
60.0	14.200	1.391	584.505	0.23%	97.40%
61.0	13.243	1.310	585.814	0.22%	97.62%
62.0	12.357	1.234	587.048	0.21%	97.82%
63.0	11.541	1.162	588.21	0.19%	98.02%
64.0	10.782	1.095	589.306	0.18%	98.20%
65.0	10.059	1.031	590.337	0.17%	98.37%
66.0	9.370	0.969	591.306	0.16%	98.53%
67.0	8.708	0.909	592.215	0.15%	98.68%
68.0	8.076	0.850	593.066	0.14%	98.82%
69.0	7.474	0.793	593.859	0.13%	98.96%
70.0	6.905	0.738	594.597	0.12%	99.08%
71.0	6.372	0.686	595.284	0.11%	99.19%
72.0	5.859	0.636	595.92	0.11%	99.30%
73.0	5.364	0.587	596.506	0.10%	99.40%
74.0	4.881	0.539	597.045	0.09%	99.49%
75.0	4.409	0.491	597.536	0.08%	99.57%

Zonal flux distribution table

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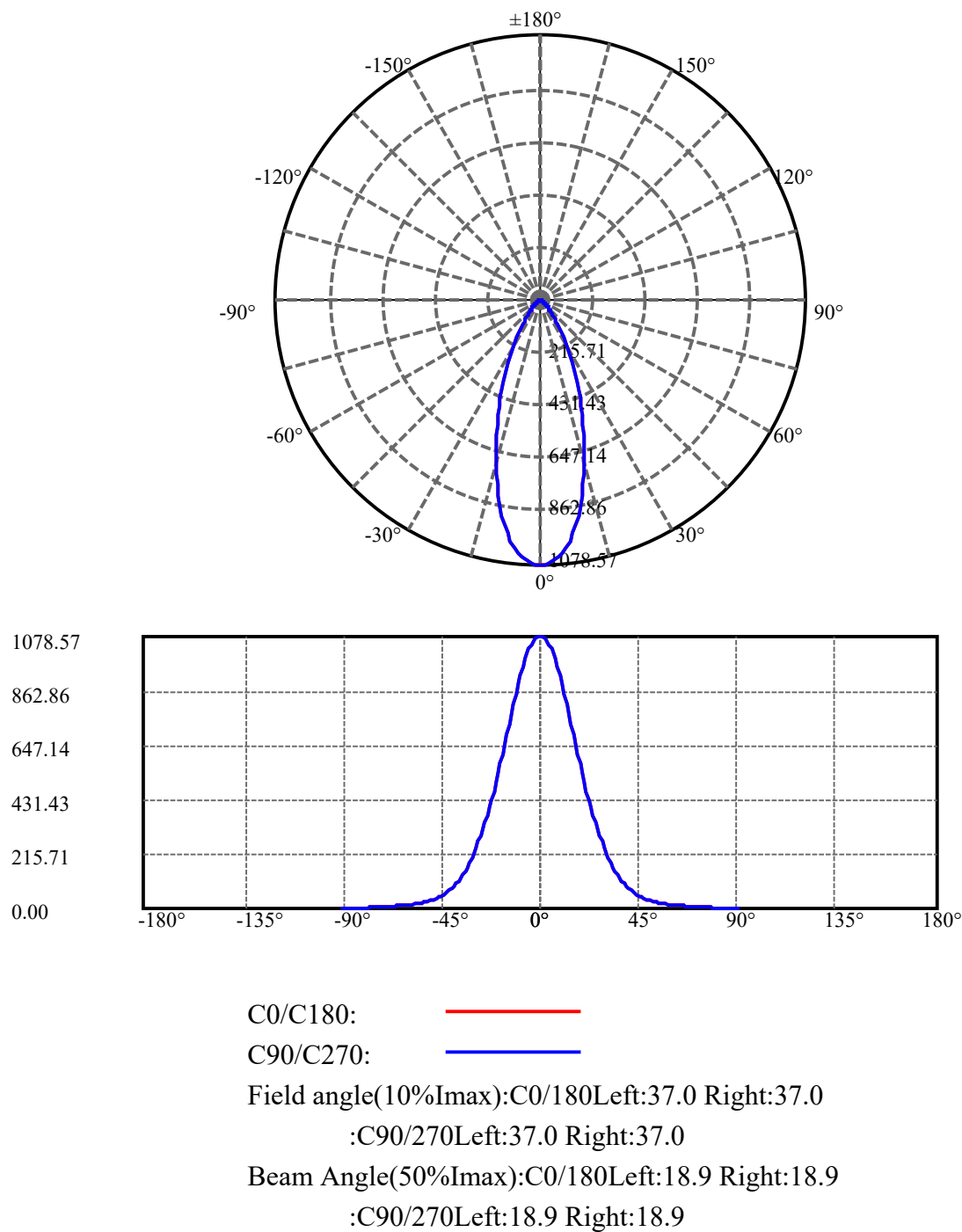
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	3.946	0.444	597.979	0.07%	99.64%
77.0	3.499	0.397	598.376	0.07%	99.71%
78.0	3.069	0.352	598.728	0.06%	99.77%
79.0	2.661	0.308	599.036	0.05%	99.82%
80.0	2.279	0.266	599.302	0.04%	99.86%
81.0	1.910	0.227	599.529	0.04%	99.90%
82.0	1.549	0.188	599.716	0.03%	99.93%
83.0	1.195	0.149	599.865	0.02%	99.96%
84.0	0.824	0.110	599.975	0.02%	99.98%
85.0	0.495	0.072	600.047	0.01%	99.99%
86.0	0.267	0.042	600.089	0.01%	100.00%
87.0	0.099	0.020	600.109	0.00%	100.00%
88.0	0.023	0.007	600.116	0.00%	100.00%
89.0	0.004	0.001	600.117	0.00%	100.00%
90.0	0.000	0.000	600.117	0.00%	100.00%

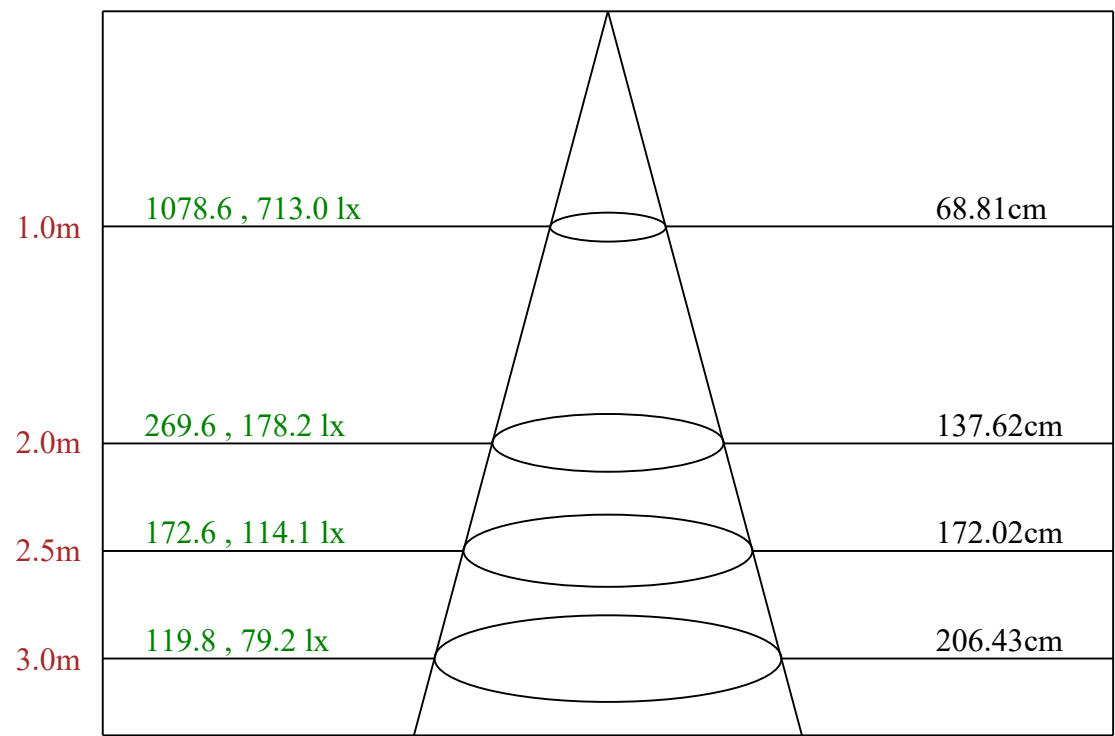
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	441.38	73.56%	73.55%
0-40	526.90	87.82%	87.80%
0-60	584.50	97.42%	97.40%
0-90	600.12	100.02%	100.00%
0-120	600.12	100.02%	100.00%
0-180	600.12	100.02%	100.00%
60-90	15.61	2.60%	2.60%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-33.63	480.09	80.02%	80.00%

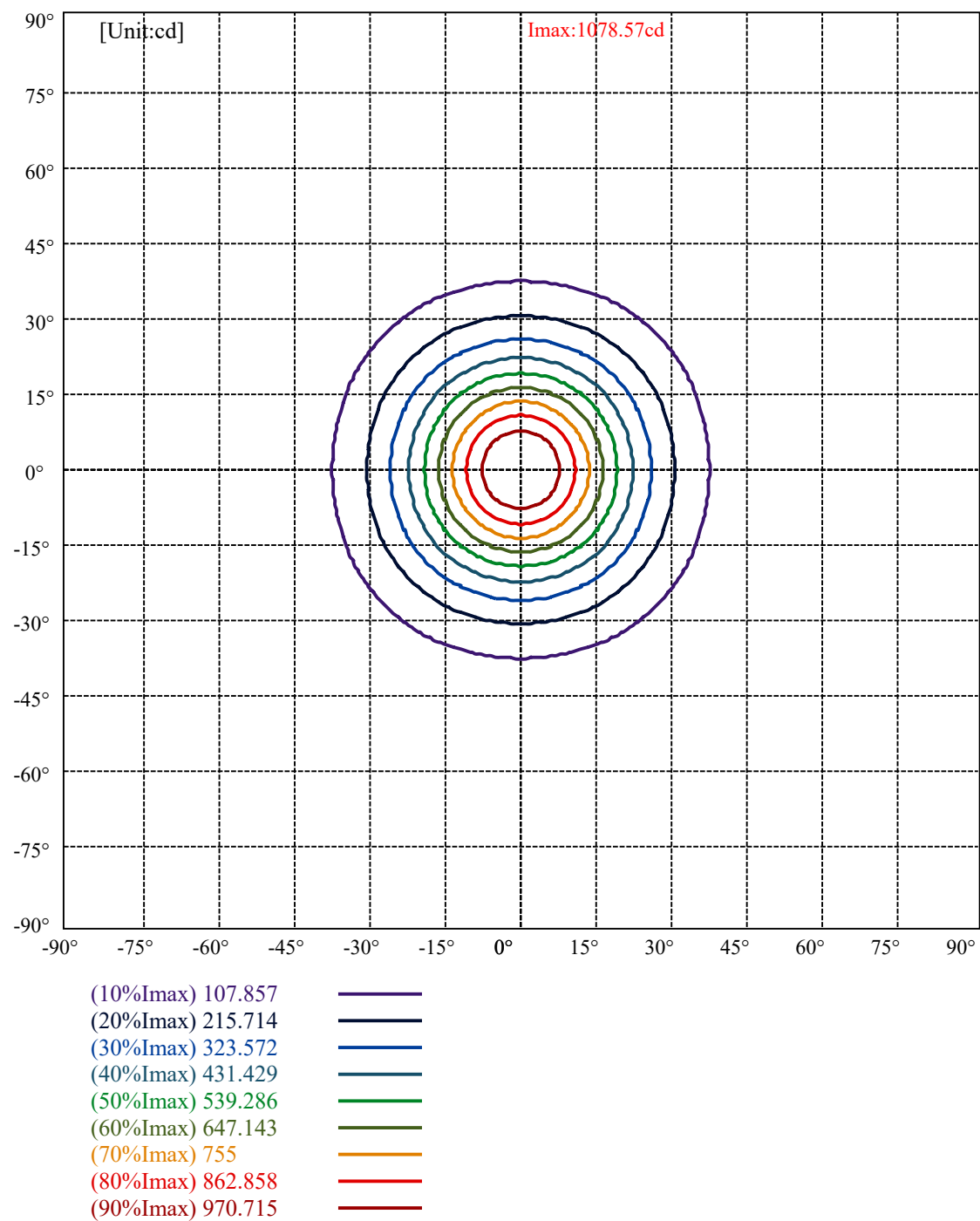
ZONAL LUMEN SUMMARY

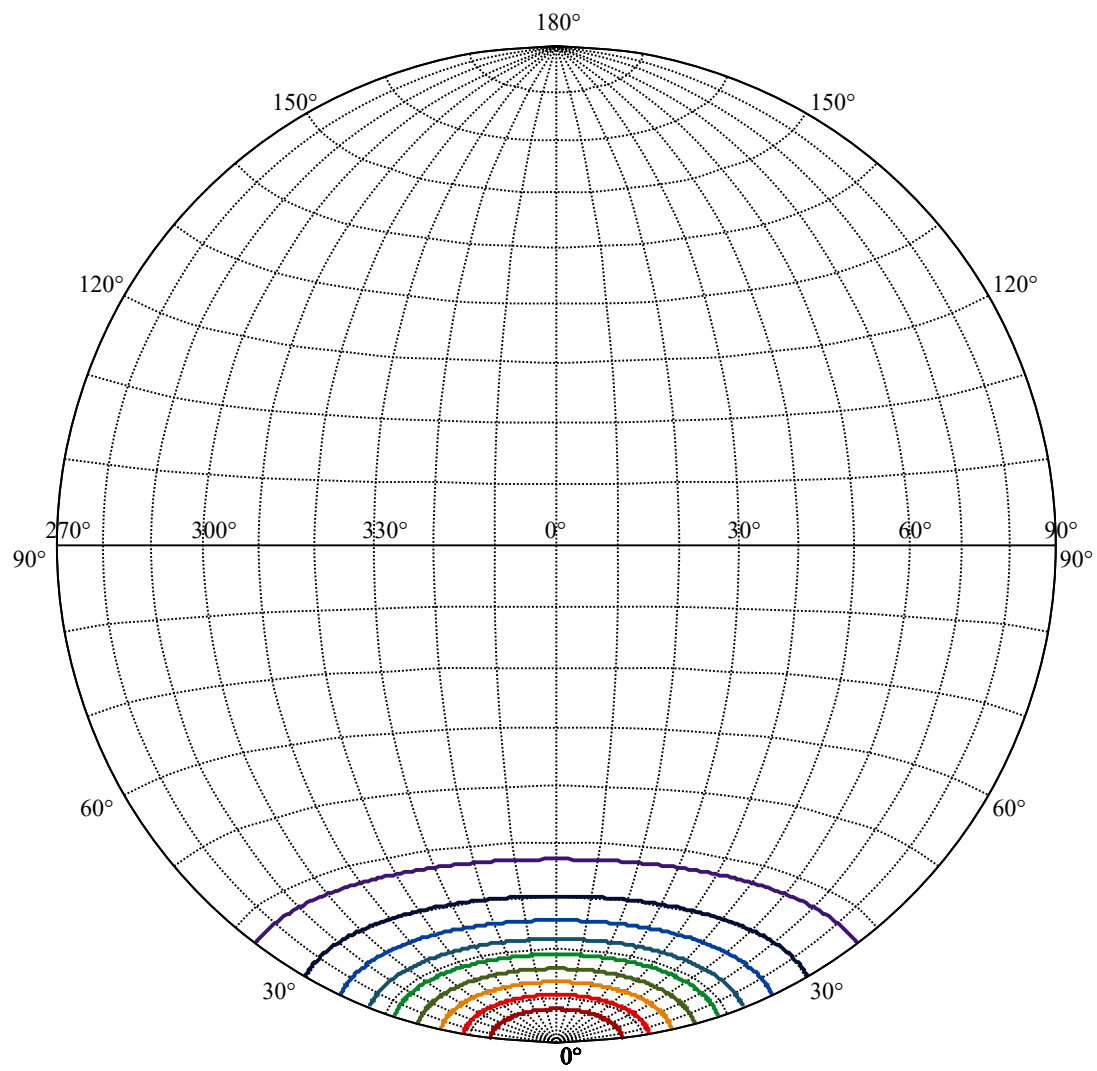
0-10	94.11
10-20	190.30
20-30	156.98
30-40	85.52
40-50	38.90
50-60	18.70
60-70	10.09
70-80	4.70
80-90	0.82
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00





Max , Ave Beam angle of C0 plane 37.97



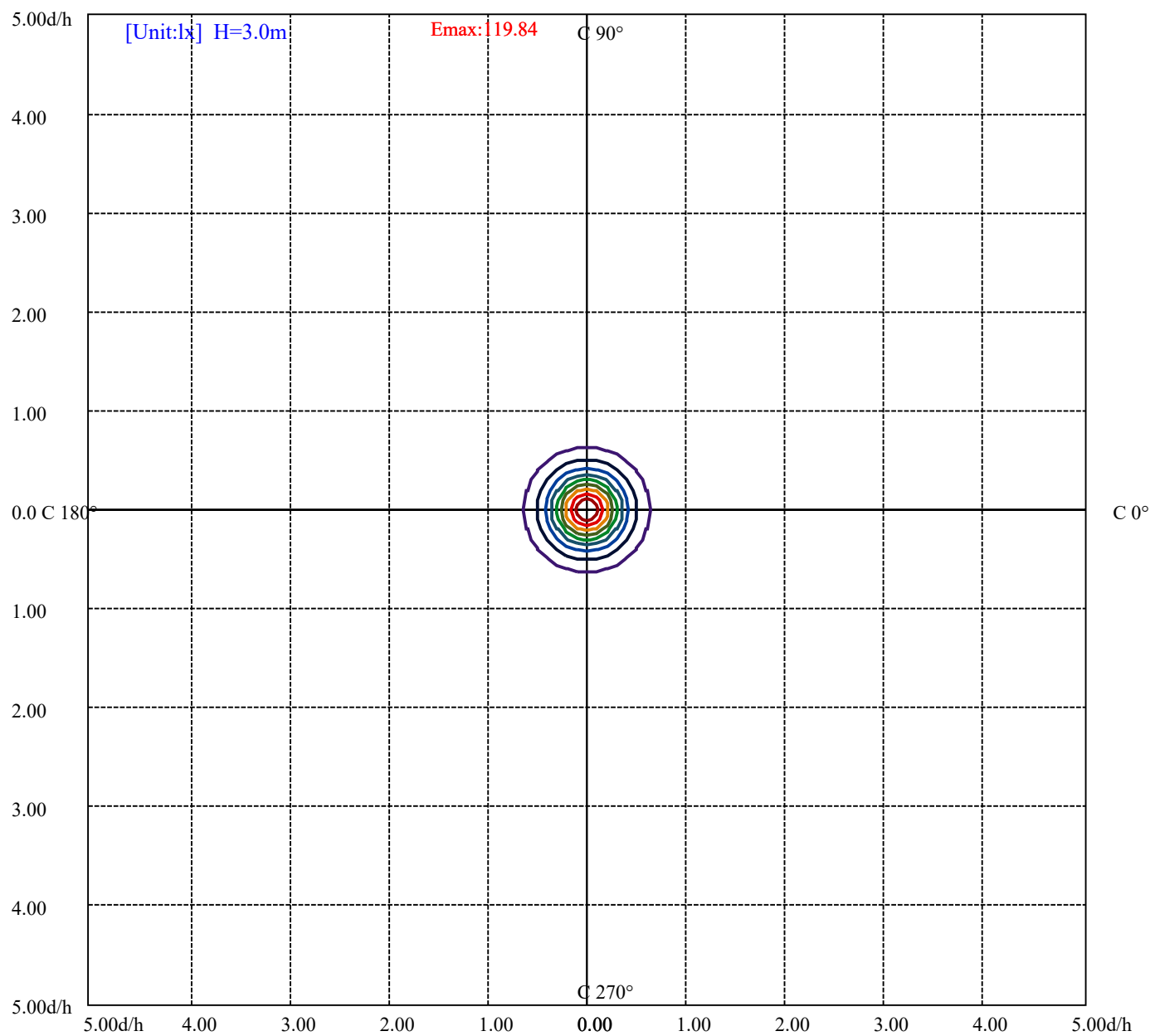


House

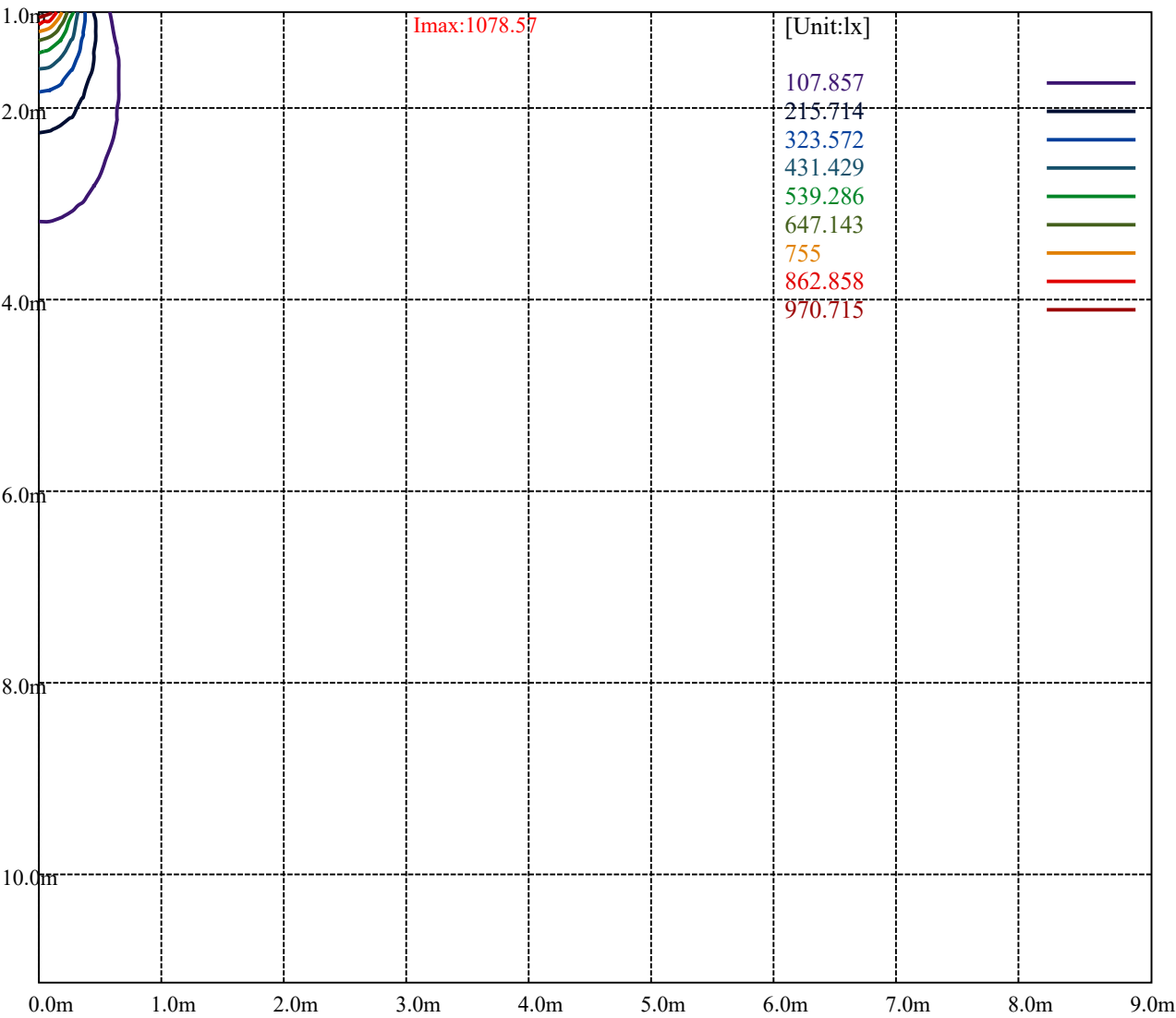
[Unit:cd]

Road

	Imax:1078.57	
(10%Imax)	107.857	—
(20%Imax)	215.714	—
(30%Imax)	323.572	—
(40%Imax)	431.429	—
(50%Imax)	539.286	—
(60%Imax)	647.143	—
(70%Imax)	755	—
(80%Imax)	862.858	—
(90%Imax)	970.715	—



(10%Emax)	11.98411	
(20%Emax)	23.96822	
(30%Emax)	35.95234	
(40%Emax)	47.93655	
(50%Emax)	59.92067	
(60%Emax)	71.90478	
(70%Emax)	83.88889	
(80%Emax)	95.873	
(90%Emax)	107.8571	



Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	41460	28500	21341	17089	14322	12148	10250	7897	3417
C45	127591	135070	144471	156735	173710	199466	242974	331416	600514
C90	41460	28500	21341	17089	14322	12148	10250	7897	3417

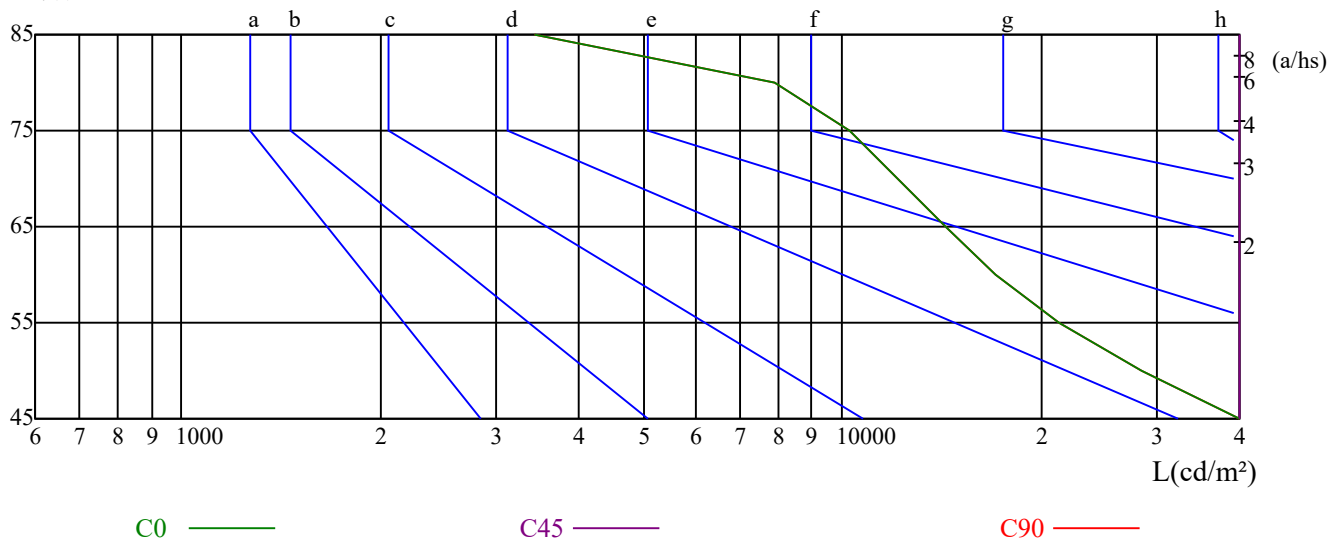
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
14322	14322	173710	10250	10250	242974	3417	3417	600514

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

$\gamma(^{\circ})$



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	20.71	21.77	21.07	22.08	22.39	20.71	21.77	21.07	22.08	22.39
	3H	20.98	21.92	21.37	22.26	22.60	20.98	21.92	21.37	22.26	22.60
	4H	21.07	21.94	21.47	22.29	22.66	21.07	21.94	21.47	22.29	22.66
	6H	21.11	21.91	21.53	22.28	22.68	21.11	21.91	21.53	22.28	22.68
	8H	21.07	21.83	21.49	22.22	22.63	21.07	21.83	21.49	22.22	22.63
	12H	21.02	21.74	21.44	22.13	22.55	21.02	21.74	21.44	22.13	22.55
4H	2H	20.70	21.57	21.10	21.92	22.29	20.70	21.57	21.10	21.92	22.29
	3H	21.06	21.79	21.49	22.18	22.60	21.06	21.79	21.49	22.18	22.60
	4H	21.25	21.88	21.69	22.30	22.75	21.25	21.88	21.69	22.30	22.75
	6H	21.31	21.86	21.78	22.31	22.76	21.31	21.86	21.78	22.31	22.76
	8H	21.30	21.82	21.79	22.27	22.75	21.30	21.82	21.79	22.27	22.75
	12H	21.28	21.75	21.77	22.20	22.72	21.28	21.75	21.77	22.20	22.72
8H	4H	21.20	21.71	21.68	22.16	22.64	21.20	21.71	21.68	22.16	22.64
	6H	21.29	21.71	21.79	22.18	22.70	21.29	21.71	21.79	22.18	22.70
	8H	21.35	21.71	21.88	22.23	22.73	21.35	21.71	21.88	22.23	22.73
	12H	21.33	21.61	21.87	22.13	22.65	21.33	21.61	21.87	22.13	22.65
12H	4H	21.16	21.63	21.65	22.08	22.60	21.16	21.63	21.65	22.08	22.60
	6H	21.30	21.65	21.83	22.18	22.67	21.30	21.65	21.83	22.18	22.67
	8H	21.33	21.61	21.88	22.13	22.65	21.33	21.61	21.88	22.13	22.65
Variation with the observer position at spacings:											
S = 1.0H		2.3/-2.3					2.3/-2.3				
S = 1.5H		4.1/-2.9					4.1/-2.9				
S = 2.0H		6.1/-3.2					6.1/-3.2				
Standard tables:		BK2					BK2				
Uncorrected UGR		3.4					3.4				

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25

Intensity data(cd)

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C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
30.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
60.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
90.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
120.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
150.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
180.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
210.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
240.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
270.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
300.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
330.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79
360.0	1078.57	1075.42	1068.94	1060.42	1047.98	1032.17	1013.22	989.55	960.79

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
30.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
60.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
90.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
120.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
150.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
180.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
210.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
240.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
270.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
300.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
330.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35
360.0	927.67	890.81	851.68	811.29	770.54	730.11	690.23	650.91	612.35

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
30.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
60.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
90.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
120.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
150.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
180.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
210.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
240.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
270.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
300.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
330.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35
360.0	574.43	537.18	500.67	465.35	431.60	399.62	369.61	341.27	314.35

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
30.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
60.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
90.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
120.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
150.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
180.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
210.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
240.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
270.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
300.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
330.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08
360.0	288.87	264.78	241.88	220.25	199.96	181.04	163.54	147.56	133.08

Intensity data(cd)

Appendix Page: 15 Total:16

C/ γ (°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
30.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
60.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
90.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
120.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
150.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
180.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
210.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
240.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
270.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
300.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
330.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
360.0	120.03	108.34	97.86	88.49	80.07	72.49	65.63	59.42	53.80
C/ γ (°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
30.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
60.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
90.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
120.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
150.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
180.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
210.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
240.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
270.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
300.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
330.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
360.0	48.72	44.17	40.10	36.49	33.28	30.45	27.95	25.73	23.73
C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
30.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
60.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
90.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
120.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
150.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
180.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
210.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
240.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
270.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
300.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
330.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
360.0	21.94	20.34	18.90	17.58	16.36	15.23	14.20	13.24	12.36
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
30.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
60.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
90.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
120.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
150.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
180.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
210.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
240.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
270.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
300.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
330.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37
360.0	11.54	10.78	10.06	9.37	8.71	8.08	7.47	6.91	6.37

Intensity data(cd)									Appendix Page: 16 Total:16
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
30.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
60.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
90.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
120.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
150.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
180.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
210.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
240.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
270.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
300.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
330.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
360.0	5.86	5.36	4.88	4.41	3.95	3.50	3.07	2.66	2.28
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
30.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
60.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
90.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
120.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
150.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
180.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
210.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
240.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
270.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
300.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
330.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
360.0	1.91	1.55	1.20	0.82	0.50	0.27	0.10	0.02	0.00
C/ γ (°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.00								
120.0	0.00								
150.0	0.00								
180.0	0.00								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.00								