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NT

Client:

LumCAT: 1-1298-L

Luminaire: 92.70.427.00

Report No: 2024730-B012

Ballast type: AC

Test No: 2024730-C012

Voltage(V): 34.240

LampCAT: Fortimo\_SLM\_C\_1202

Current(A): 0.216

Lamp flux(lm): 1286.0

Power (W): 8.423

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

### Photometric Results

Lumens(lm): 1183.44, Efficiency(%): 92.02% , Luminous Efficacy(lm/W): 140.50

Central intensity(cd): 5654.649, Maximum intensity(cd): 5654.649

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.0

[C90/270]Total=18.0

Field angle(10%Imax): [C0/180]Total=50.2

[C90/270]Total=50.2

Maximum s/h(1/2): C0\_180=0.31 C90\_270=0.31

Maximum s/h(1/4): C0\_180=0.36 C90\_270=0.36

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.02%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 97.716%

Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2024/7/30  
Humidity(%): 60.0%

Operator: NT07  
Distance(m): 7.65

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5654.649	0.000	0	0.00%	0.00%
1.0	5586.031	5.378	5.378	0.42%	0.45%
2.0	5442.944	15.830	21.208	1.23%	1.79%
3.0	5199.783	25.454	46.662	1.98%	3.94%
4.0	4877.543	33.732	80.394	2.62%	6.79%
5.0	4482.443	40.266	120.66	3.13%	10.20%
6.0	4079.589	44.996	165.656	3.50%	14.00%
7.0	3665.762	48.075	213.731	3.74%	18.06%
8.0	3210.603	49.213	262.944	3.83%	22.22%
9.0	2828.524	48.944	311.888	3.81%	26.35%
10.0	2487.557	48.109	359.997	3.74%	30.42%
11.0	2221.499	47.053	407.05	3.66%	34.40%
12.0	1970.218	45.821	452.871	3.56%	38.27%
13.0	1771.096	44.400	497.271	3.45%	42.02%
14.0	1603.136	43.190	540.461	3.36%	45.67%
15.0	1410.429	41.372	581.833	3.22%	49.16%
16.0	1284.364	39.486	621.319	3.07%	52.50%
17.0	1204.217	38.754	660.073	3.01%	55.78%
18.0	1099.045	37.976	698.049	2.95%	58.98%
19.0	1012.088	36.729	734.778	2.86%	62.09%
20.0	924.326	35.442	770.22	2.76%	65.08%
21.0	844.919	33.973	804.193	2.64%	67.95%
22.0	763.287	32.318	836.51	2.51%	70.68%
23.0	695.211	30.603	867.114	2.38%	73.27%
24.0	630.478	28.984	896.098	2.25%	75.72%
25.0	571.662	27.334	923.432	2.13%	78.03%
26.0	519.585	25.759	949.191	2.00%	80.21%
27.0	468.239	24.167	973.358	1.88%	82.25%
28.0	419.994	22.488	995.847	1.75%	84.15%
29.0	365.890	20.561	1016.407	1.60%	85.89%
30.0	317.221	18.444	1034.851	1.43%	87.44%
31.0	273.059	16.427	1051.278	1.28%	88.83%
32.0	248.421	14.940	1066.218	1.16%	90.10%
33.0	194.858	13.059	1079.277	1.02%	91.20%
34.0	144.580	10.272	1089.549	0.80%	92.07%
35.0	109.839	7.901	1097.451	0.61%	92.73%
36.0	83.658	6.161	1103.612	0.48%	93.25%
37.0	66.591	4.900	1108.512	0.38%	93.67%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	55.823	4.086	1112.598	0.32%	94.01%
39.0	49.225	3.586	1116.184	0.28%	94.32%
40.0	44.214	3.259	1119.442	0.25%	94.59%
41.0	39.532	2.982	1122.424	0.23%	94.84%
42.0	35.618	2.730	1125.155	0.21%	95.08%
43.0	32.239	2.514	1127.668	0.20%	95.29%
44.0	29.722	2.339	1130.007	0.18%	95.49%
45.0	27.352	2.193	1132.2	0.17%	95.67%
46.0	25.296	2.059	1134.259	0.16%	95.84%
47.0	23.526	1.942	1136.201	0.15%	96.01%
48.0	22.012	1.841	1138.042	0.14%	96.16%
49.0	20.739	1.756	1139.798	0.14%	96.31%
50.0	19.693	1.686	1141.483	0.13%	96.46%
51.0	18.676	1.623	1143.107	0.13%	96.59%
52.0	17.886	1.569	1144.676	0.12%	96.72%
53.0	17.286	1.530	1146.206	0.12%	96.85%
54.0	16.818	1.503	1147.709	0.12%	96.98%
55.0	16.320	1.479	1149.188	0.12%	97.11%
56.0	15.977	1.459	1150.647	0.11%	97.23%
57.0	15.743	1.450	1152.098	0.11%	97.35%
58.0	15.538	1.447	1153.544	0.11%	97.47%
59.0	15.260	1.440	1154.984	0.11%	97.60%
60.0	14.960	1.428	1156.412	0.11%	97.72%
61.0	14.557	1.409	1157.82	0.11%	97.84%
62.0	14.053	1.379	1159.199	0.11%	97.95%
63.0	13.497	1.340	1160.539	0.10%	98.07%
64.0	12.853	1.293	1161.832	0.10%	98.17%
65.0	12.246	1.242	1163.074	0.10%	98.28%
66.0	11.602	1.190	1164.264	0.09%	98.38%
67.0	11.053	1.139	1165.403	0.09%	98.48%
68.0	10.519	1.093	1166.496	0.08%	98.57%
69.0	10.051	1.049	1167.545	0.08%	98.66%
70.0	9.612	1.010	1168.555	0.08%	98.74%
71.0	9.210	0.973	1169.528	0.08%	98.82%
72.0	8.815	0.937	1170.465	0.07%	98.90%
73.0	8.500	0.905	1171.371	0.07%	98.98%
74.0	8.215	0.879	1172.249	0.07%	99.05%
75.0	7.930	0.853	1173.102	0.07%	99.13%

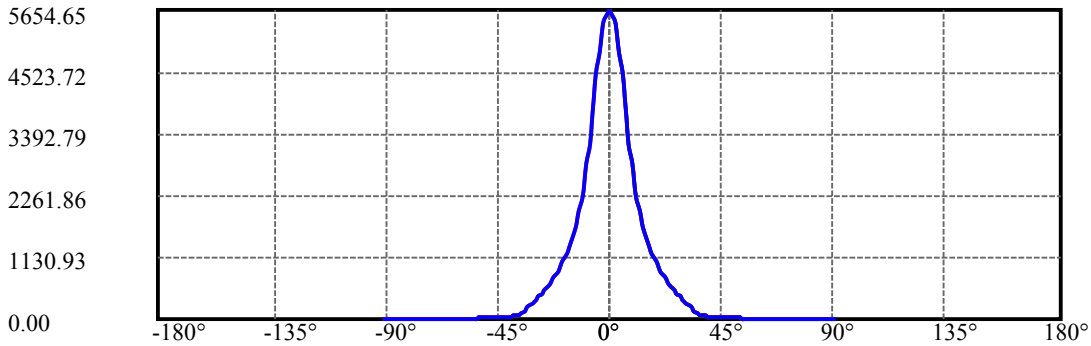
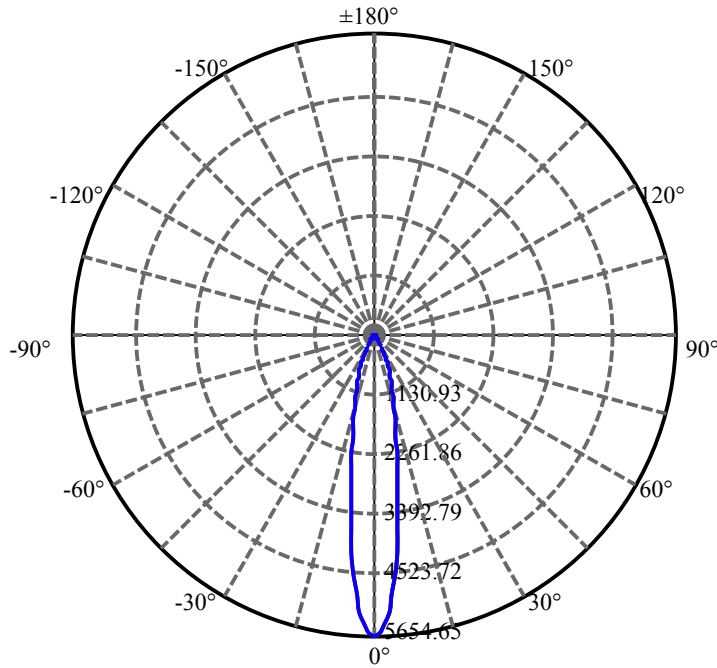
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.681	0.829	1173.931	0.06%	99.20%
77.0	7.447	0.807	1174.738	0.06%	99.26%
78.0	7.220	0.785	1175.523	0.06%	99.33%
79.0	6.993	0.764	1176.286	0.06%	99.40%
80.0	6.789	0.743	1177.029	0.06%	99.46%
81.0	6.598	0.724	1177.753	0.06%	99.52%
82.0	6.430	0.707	1178.46	0.05%	99.58%
83.0	6.240	0.689	1179.149	0.05%	99.64%
84.0	6.079	0.671	1179.82	0.05%	99.69%
85.0	5.903	0.654	1180.474	0.05%	99.75%
86.0	5.618	0.630	1181.104	0.05%	99.80%
87.0	5.421	0.604	1181.708	0.05%	99.85%
88.0	5.311	0.588	1182.296	0.05%	99.90%
89.0	5.187	0.575	1182.871	0.04%	99.95%
90.0	5.121	0.565	1183.436	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1034.85	80.47%	87.44%
0-40	1119.44	87.05%	94.59%
0-60	1156.41	89.92%	97.72%
0-90	1182.87	91.98%	99.95%
0-120	1182.87	91.98%	99.95%
0-180	1183.44	92.02%	100.00%
60-90	26.46	2.06%	2.24%
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%
0-25.91	946.75	73.62%	80.00%

ZONAL LUMEN SUMMARY

0-10	360.00
10-20	410.22
20-30	264.63
30-40	84.59
40-50	22.04
50-60	14.93
60-70	12.14
70-80	8.47
80-90	5.84
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



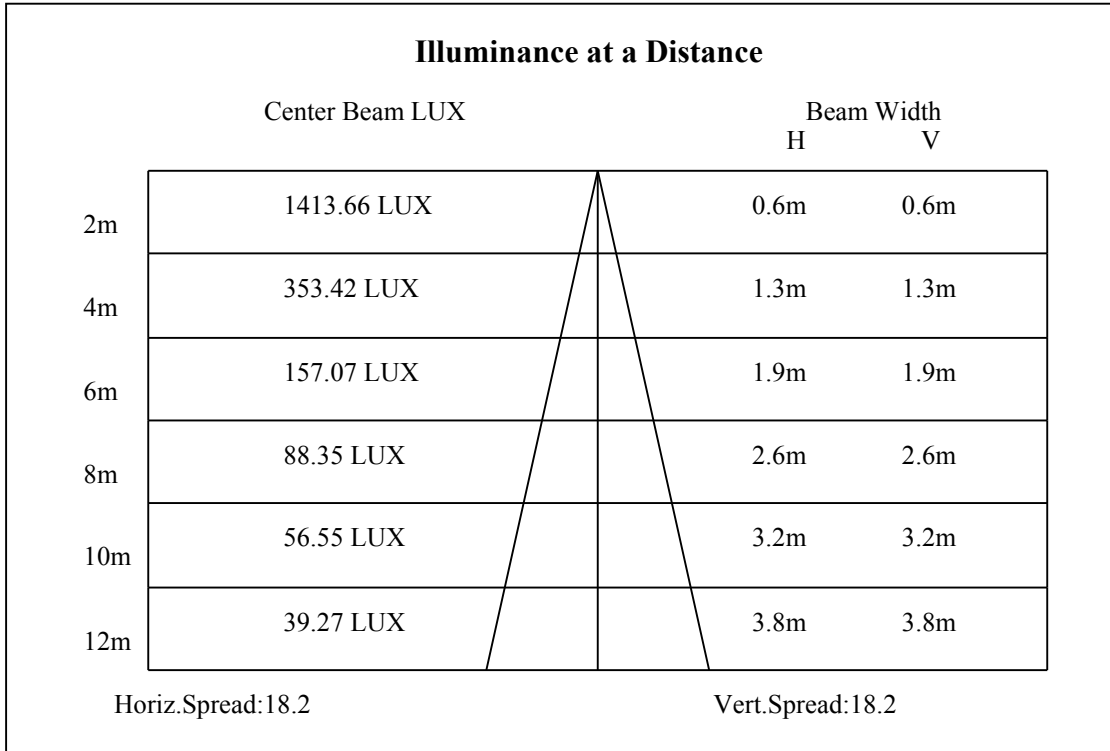
C0(Max): —————

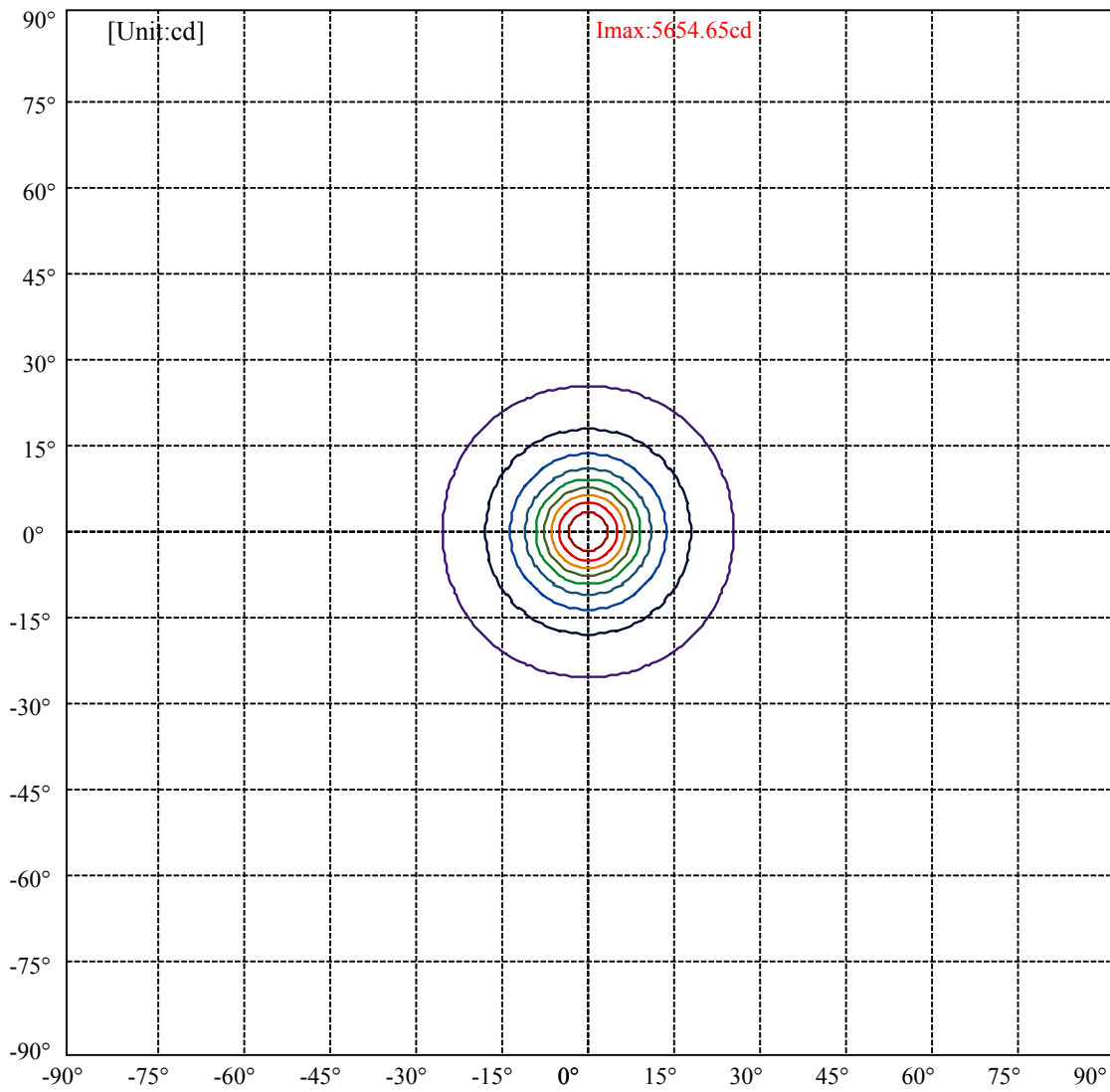
C0/C180: —————

C90/C270: —————

Field angle(10%Imax):C0/180Left:25.1 Right:25.1  
:C90/270Left:25.1 Right:25.1

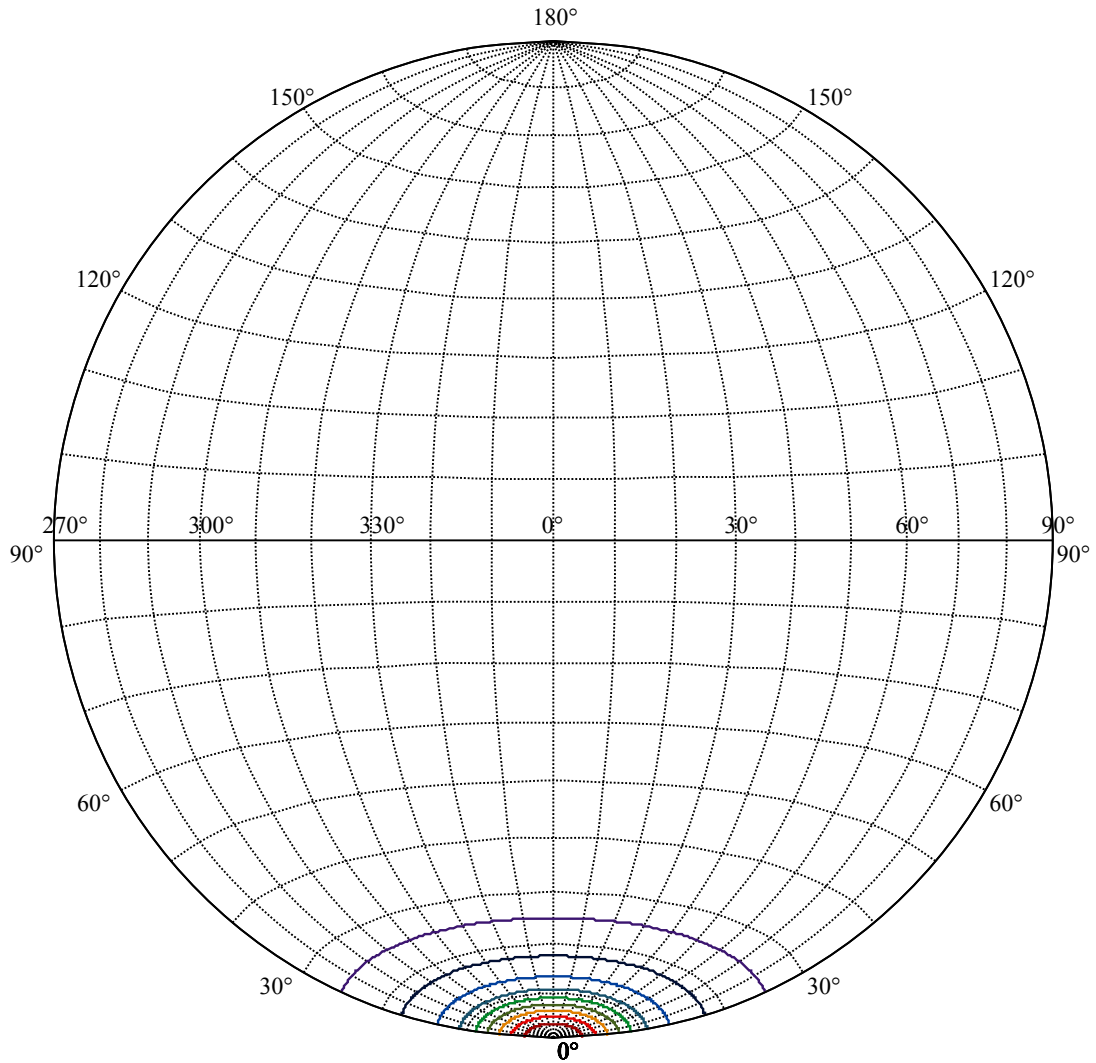
Beam Angle(50%Imax):C0/180Left:9.0 Right:9.0  
:C90/270Left:9.0 Right:9.0





(10%Imax) 565.465	—
(20%Imax) 1130.93	—
(30%Imax) 1696.39	—
(40%Imax) 2261.86	—
(50%Imax) 2827.32	—
(60%Imax) 3392.79	—
(70%Imax) 3958.25	—
(80%Imax) 4523.72	—
(90%Imax) 5089.18	—





House

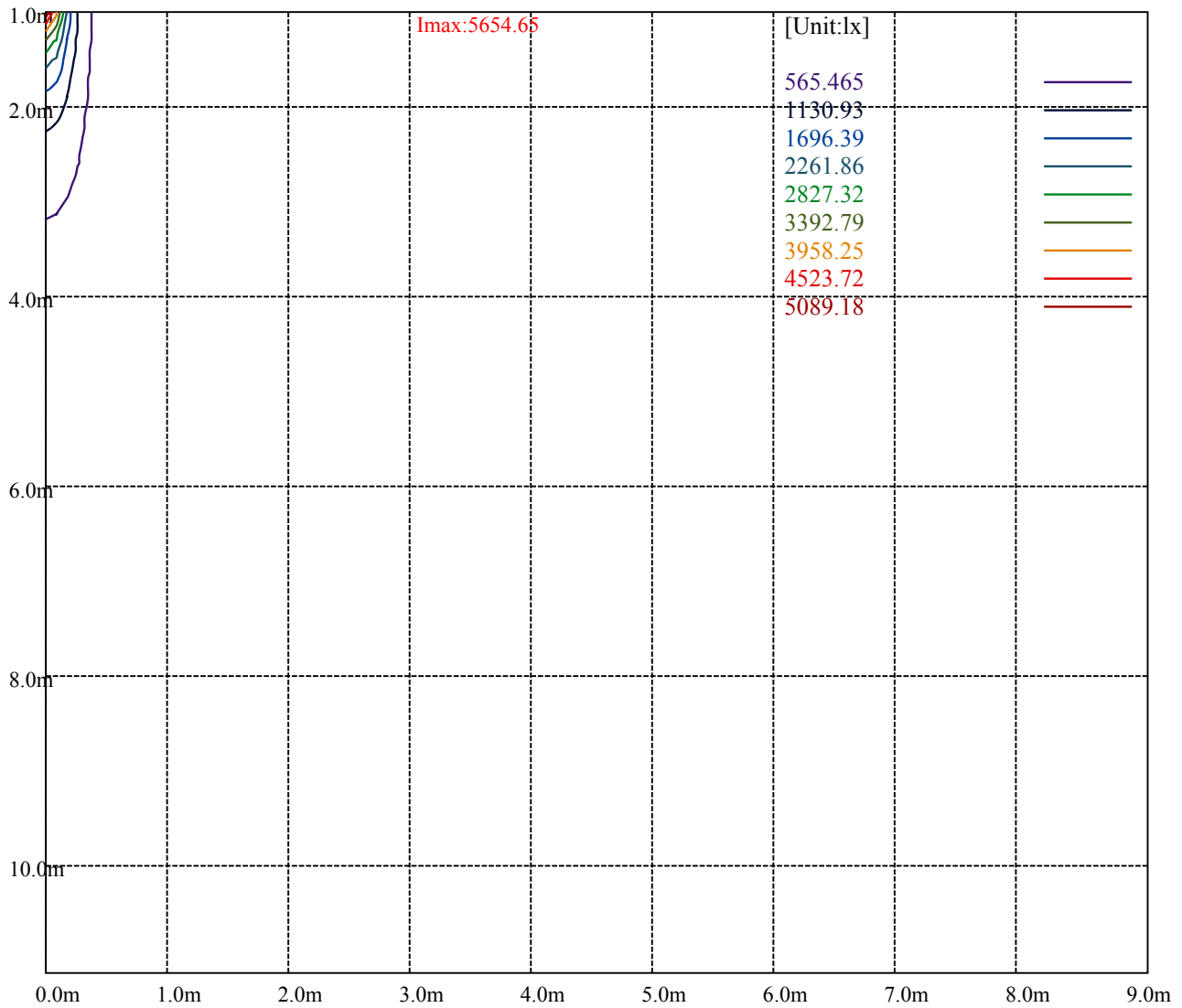
[Unit:cd]

Road

**Imax:5654.65**

(10%Imax) 565.465	—
(20%Imax) 1130.93	—
(30%Imax) 1696.39	—
(40%Imax) 2261.86	—
(50%Imax) 2827.32	—
(60%Imax) 3392.79	—
(70%Imax) 3958.25	—
(80%Imax) 4523.72	—
(90%Imax) 5089.18	—





Luminance Table

$\gamma$	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(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	0	0	0	0	0	0	0

Glare Table

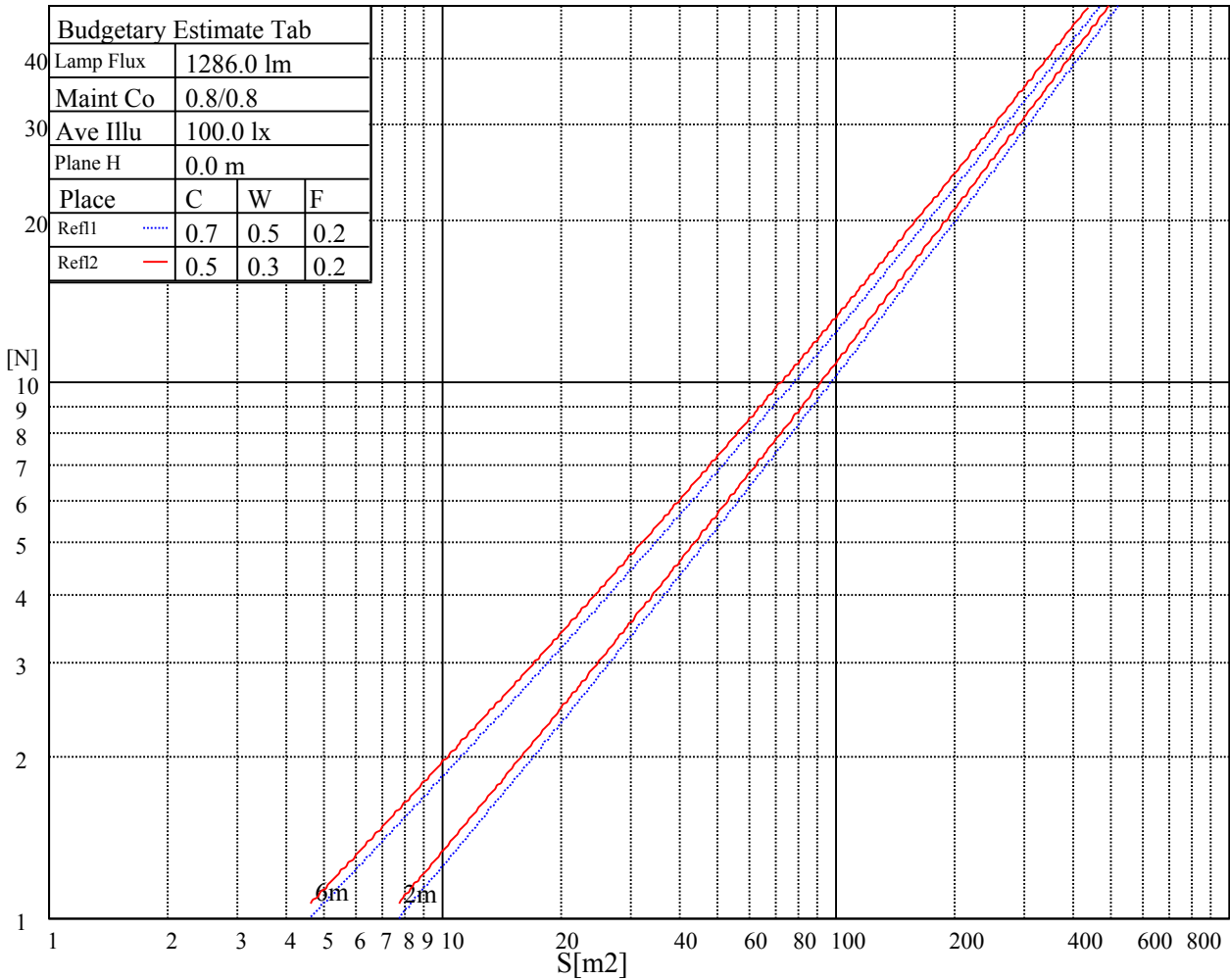
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

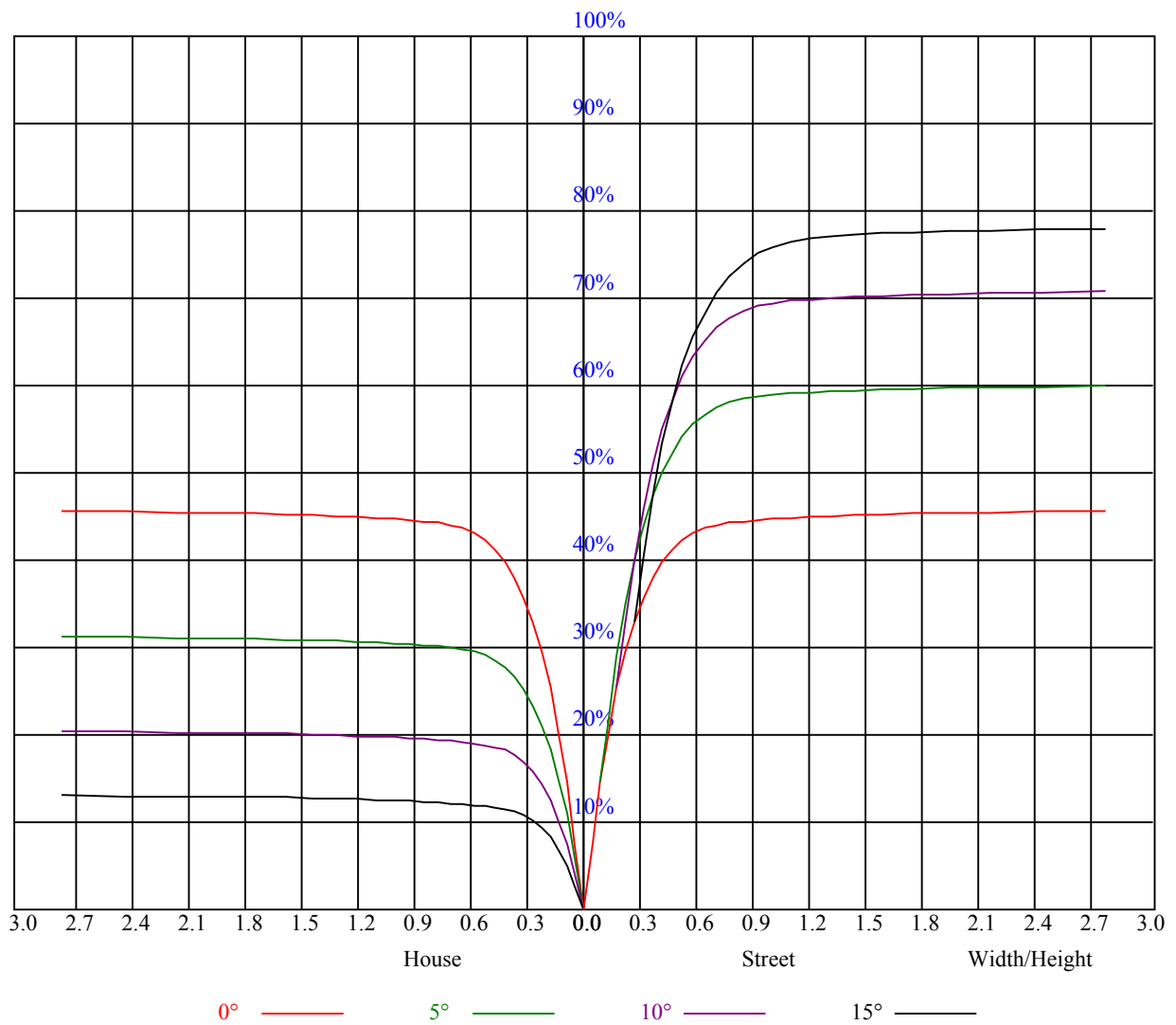


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
4H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
12H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

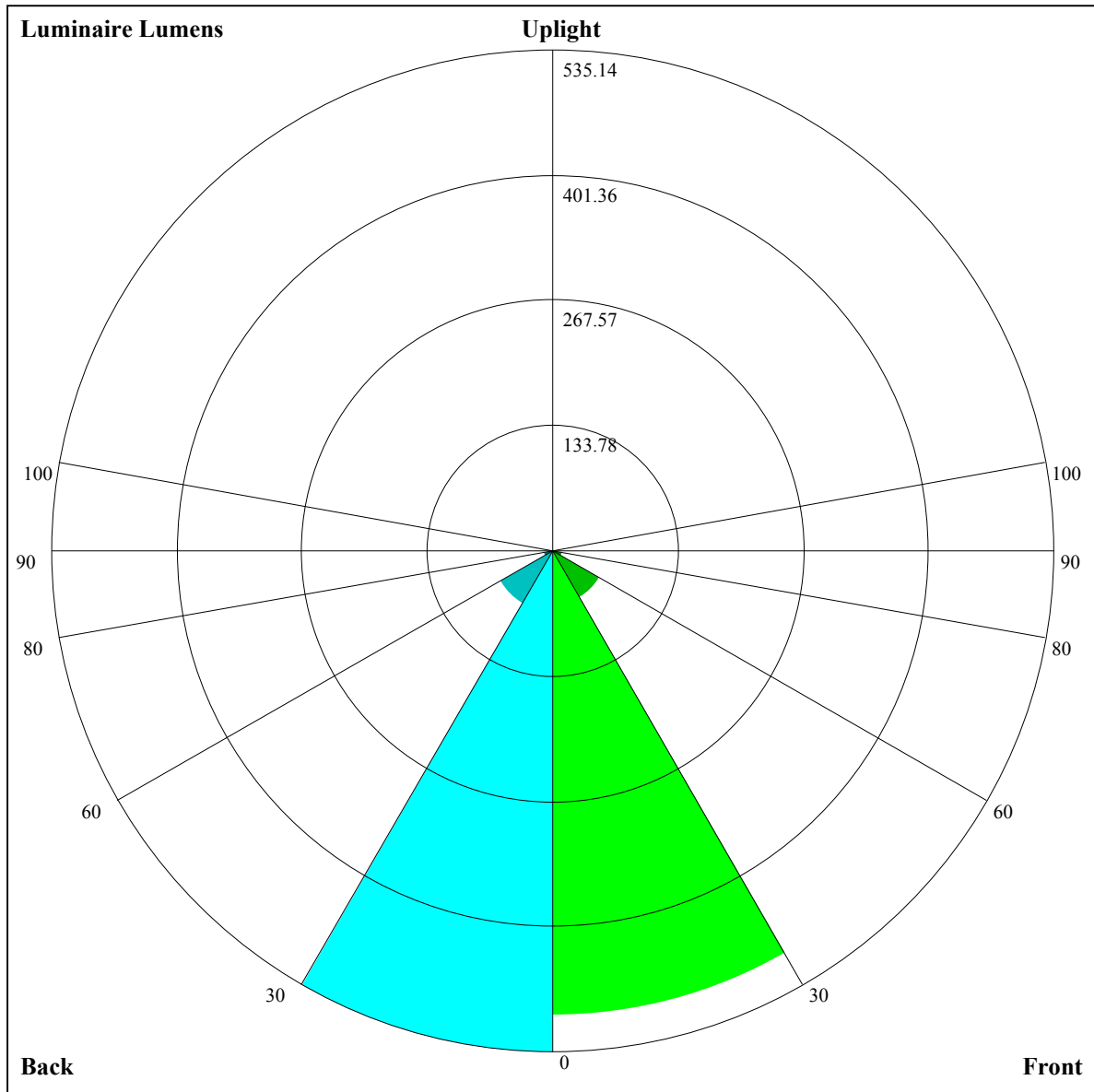
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.10	1.10	1.10	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.03	1.01	0.99	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.87
2	0.97	0.94	0.91	0.95	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.85	0.83
3	0.92	0.88	0.85	0.91	0.87	0.84	0.89	0.86	0.83	0.86	0.84	0.82	0.84	0.82	0.81	0.79
4	0.88	0.84	0.80	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.76
5	0.84	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.75	0.79	0.76	0.74	0.73
6	0.80	0.76	0.73	0.80	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.76	0.73	0.71	0.70
7	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.69	0.68
8	0.74	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
9	0.72	0.68	0.65	0.71	0.67	0.65	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63
10	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.61







Luminaire Lumens:

FL=496.26,FM=57.84,FH=10.21,FVH=3.2

BL=535.14,BM=64.98,BH=10.3,BVH=3.22

UL=0,UH=0

BUG Rating:B2-U0-G0

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	5629.92	5408.12	5150.62	4829.92	4369.35	3989.54	3595.68	3136.28	2796.85
45.0	5676.16	5670.30	5570.23	5325.02	5040.60	4711.12	4232.99	3840.30	3352.23
90.0	5704.25	5638.12	5491.22	5179.88	4849.23	4475.27	4065.62	3649.52	3155.59
135.0	5608.27	5718.88	5734.68	5614.12	5391.15	5010.75	4637.38	4221.87	3684.64
180.0	5629.92	5701.91	5661.53	5539.80	5264.16	4961.01	4595.83	4177.39	3650.69
225.0	5676.16	5554.43	5355.45	5073.96	4745.06	4262.25	3846.74	3432.40	3035.04
270.0	5704.25	5646.31	5505.86	5278.20	4975.06	4551.94	4167.45	3755.45	3253.91
315.0	5608.27	5350.19	5073.96	4757.35	4385.73	3897.66	3495.02	3112.87	2755.88
360.0	5629.92	5408.12	5150.62	4829.92	4369.35	3989.54	3595.68	3136.28	2796.85
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2424.06	2176.51	1964.07	1792.02	1630.50	1460.19	1147.63	1147.63	1100.93
45.0	2984.71	2661.08	2376.07	2083.46	1883.31	1711.26	1563.19	1393.48	1279.95
90.0	2800.95	2412.94	2154.27	1934.23	1710.67	1556.17	1420.98	1163.43	1163.43
135.0	3289.02	2923.84	2595.53	2240.30	2012.06	1824.79	1662.68	1486.53	1363.05
180.0	3248.64	2788.07	2465.03	2193.48	1920.18	1741.69	1584.85	1449.08	1298.09
225.0	2611.92	2323.40	2088.73	1838.25	1679.65	1533.93	1299.26	1156.35	1156.35
270.0	2895.75	2494.29	2219.82	1992.75	1800.80	1598.31	1456.68	1330.27	1219.08
315.0	2373.15	2120.33	1908.48	1687.26	1531.59	1398.75	1148.15	1148.15	1052.88
360.0	2424.06	2176.51	1964.07	1792.02	1630.50	1460.19	1147.63	1147.63	1100.93
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1013.67	936.42	863.56	776.94	708.36	628.88	574.63	530.04	472.39
45.0	1174.61	1080.97	973.87	898.96	810.01	742.12	674.82	599.91	549.00
90.0	1064.47	977.68	880.12	804.92	734.52	668.39	591.25	540.75	494.46
135.0	1256.54	1160.56	1051.12	966.85	869.70	797.72	728.08	649.07	594.06
180.0	1195.09	1098.53	1009.57	909.50	836.93	767.29	699.99	624.49	571.82
225.0	1043.05	962.75	888.31	818.44	731.06	667.10	608.99	558.89	505.17
270.0	1094.43	1000.79	917.69	839.27	750.90	684.77	608.11	554.85	509.20
315.0	950.52	879.01	810.36	744.46	664.82	605.42	557.95	515.29	460.57
360.0	1013.67	936.42	863.56	776.94	708.36	628.88	574.63	530.04	472.39
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	422.65	373.78	328.25	273.30	230.23	188.56	150.46	107.86	79.65
45.0	501.01	451.27	388.65	341.83	297.35	297.35	198.16	161.70	128.22
90.0	434.76	386.95	333.40	289.98	249.31	210.39	163.92	130.74	102.77
135.0	544.32	493.99	430.20	381.63	334.22	300.86	300.86	191.19	153.21
180.0	512.72	463.56	412.64	362.31	303.79	303.79	248.90	174.75	131.79
225.0	459.11	411.94	353.83	307.83	251.94	208.52	168.84	132.14	93.93
270.0	455.95	409.72	367.58	313.15	302.03	302.03	187.86	150.23	112.89
315.0	415.39	368.75	312.57	267.74	215.60	175.86	139.87	108.03	76.25
360.0	422.65	373.78	328.25	273.30	230.23	188.56	150.46	107.86	79.65
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	60.22	49.22	44.24	39.85	35.17	32.13	29.44	26.63	24.76
45.0	93.05	72.33	59.52	50.62	45.53	41.32	36.69	33.65	31.02
90.0	81.17	64.84	58.00	52.49	47.46	41.90	38.27	34.29	31.49
135.0	111.78	86.73	67.89	59.93	53.96	48.57	42.72	38.68	35.23
180.0	101.13	77.37	59.11	51.50	45.88	39.68	35.58	31.43	28.79
225.0	73.09	60.34	53.61	47.11	42.72	38.92	35.00	32.54	30.37
270.0	88.25	69.41	56.47	49.92	44.48	38.51	34.82	31.08	28.50
315.0	60.57	52.49	47.75	42.37	38.51	35.23	32.42	29.61	27.62
360.0	60.22	49.22	44.24	39.85	35.17	32.13	29.44	26.63	24.76

Intensity data(cd)

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	23.06	21.54	19.96	18.90	18.08	17.38	16.56	16.04	15.68
45.0	28.32	26.45	24.87	23.41	22.00	21.07	20.25	19.49	18.90
90.0	28.85	25.98	24.17	22.53	21.19	19.66	18.61	17.56	16.97
135.0	32.30	29.14	26.86	24.87	22.77	21.30	20.07	18.84	17.91
180.0	26.45	24.46	22.24	20.83	19.55	18.43	17.38	16.62	15.92
225.0	28.09	26.39	25.05	23.41	22.24	21.30	20.25	19.49	18.90
270.0	26.28	24.40	22.36	20.95	19.78	18.79	17.73	17.03	16.44
315.0	25.46	23.99	22.71	21.19	20.31	19.61	18.55	18.02	17.56
360.0	23.06	21.54	19.96	18.90	18.08	17.38	16.56	16.04	15.68
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.33	15.04	14.81	14.75	14.63	14.40	14.22	13.99	13.46
45.0	18.61	18.20	17.91	17.67	17.50	17.21	16.91	16.44	15.68
90.0	16.44	15.98	15.45	15.27	15.04	14.75	14.40	13.93	13.52
135.0	17.26	16.50	16.09	15.74	15.33	15.16	14.86	14.57	14.34
180.0	15.27	14.86	14.51	14.16	14.10	14.05	13.87	13.64	13.52
225.0	18.49	17.85	17.44	17.09	16.85	16.39	15.98	15.45	14.75
270.0	15.92	15.39	15.10	14.98	14.86	14.57	14.22	13.81	13.40
315.0	17.21	16.74	16.50	16.27	15.98	15.57	15.22	14.63	13.75
360.0	15.33	15.04	14.81	14.75	14.63	14.40	14.22	13.99	13.46
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.99	12.47	11.82	11.24	10.65	10.24	9.89	9.42	9.13
45.0	15.04	14.34	13.69	12.76	12.06	11.47	10.83	10.30	9.71
90.0	12.82	12.29	11.76	11.12	10.65	10.30	9.77	9.42	9.13
135.0	14.05	13.52	12.99	12.35	11.70	11.18	10.59	10.12	9.60
180.0	13.11	12.70	12.29	11.76	11.29	10.65	10.24	9.83	9.42
225.0	14.05	13.17	12.47	11.76	11.18	10.53	10.07	9.54	9.13
270.0	12.87	12.17	11.53	11.00	10.53	10.07	9.66	9.31	8.95
315.0	13.05	12.17	11.41	10.83	10.36	9.71	9.36	8.95	8.60
360.0	12.99	12.47	11.82	11.24	10.65	10.24	9.89	9.42	9.13
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.78	8.54	8.31	8.08	7.78	7.61	7.43	7.20	6.96
45.0	9.25	8.84	8.54	8.08	7.84	7.61	7.37	7.08	6.91
90.0	8.72	8.49	8.19	7.96	7.72	7.43	7.20	7.02	6.79
135.0	9.19	8.84	8.49	8.13	7.96	7.67	7.43	7.20	7.02
180.0	9.07	8.72	8.43	8.19	7.96	7.67	7.43	7.20	7.02
225.0	8.60	8.25	7.96	7.67	7.43	7.20	6.96	6.73	6.55
270.0	8.72	8.43	8.13	7.90	7.61	7.43	7.20	7.02	6.73
315.0	8.19	7.90	7.67	7.43	7.14	6.96	6.73	6.50	6.32
360.0	8.78	8.54	8.31	8.08	7.78	7.61	7.43	7.20	6.96
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.79	6.61	6.44	6.26	6.14	5.79	5.56	5.44	5.21
45.0	6.73	6.55	6.32	6.09	5.97	5.68	5.44	5.33	5.21
90.0	6.61	6.38	6.20	6.03	5.91	5.50	5.33	5.27	5.15
135.0	6.79	6.55	6.38	6.20	6.03	5.79	5.50	5.38	5.27
180.0	6.79	6.61	6.44	6.32	6.09	5.85	5.62	5.50	5.38
225.0	6.32	6.26	6.09	5.91	5.68	5.44	5.33	5.21	5.03
270.0	6.55	6.38	6.20	6.03	5.85	5.56	5.38	5.27	5.15
315.0	6.20	6.09	5.85	5.79	5.56	5.33	5.21	5.09	5.09
360.0	6.79	6.61	6.44	6.26	6.14	5.79	5.56	5.44	5.21

Intensity data(cd)

<i>C/γ(°)</i>	<b>90.0</b>
<b>0.0</b>	<b>5.15</b>
<b>45.0</b>	<b>5.09</b>
<b>90.0</b>	<b>5.09</b>
<b>135.0</b>	<b>5.21</b>
<b>180.0</b>	<b>5.15</b>
<b>225.0</b>	<b>5.09</b>
<b>270.0</b>	<b>5.09</b>
<b>315.0</b>	<b>5.09</b>
<b>360.0</b>	<b>5.15</b>