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NT

Client:

LumCAT: 2-2756-L

Luminaire: 92.70.412.00

Report No: 2024813-B010

Ballast type: AC

Test No: 2024813-C010

LampCAT: TRIDONIC SLE G7 15MM

Lamp flux(lm): 4107.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 35.060

Current(A): 0.702

Power (W): 24.612

PF: 0.000

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 3823.32, Efficiency(%): 93.09% , Luminous Efficacy(lm/W): 155.34

Central intensity(cd): 8130.150, Maximum intensity(cd): 8130.150

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.2

[C90/270]Total=37.2

Field angle(10%Imax): [C0/180]Total=67.8

[C90/270]Total=67.8

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.63 C90_270=0.63

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.09%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.163%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/13
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	8130.151	0.000	0	0.00%	0.00%
1.0	8123.713	7.777	7.777	0.19%	0.20%
2.0	8079.894	23.257	31.034	0.57%	0.81%
3.0	8002.937	38.465	69.499	0.94%	1.82%
4.0	7889.477	53.197	122.696	1.30%	3.21%
5.0	7753.558	67.296	189.991	1.64%	4.97%
6.0	7561.751	80.486	270.478	1.96%	7.07%
7.0	7365.920	92.656	363.133	2.26%	9.50%
8.0	7127.733	103.728	466.862	2.53%	12.21%
9.0	6876.306	113.495	580.357	2.76%	15.18%
10.0	6600.665	121.962	702.318	2.97%	18.37%
11.0	6318.660	129.091	831.409	3.14%	21.75%
12.0	6021.877	134.900	966.309	3.28%	25.27%
13.0	5731.240	139.480	1105.789	3.40%	28.92%
14.0	5429.703	142.859	1248.648	3.48%	32.66%
15.0	5141.260	145.123	1393.771	3.53%	36.45%
16.0	4845.648	146.336	1540.107	3.56%	40.28%
17.0	4552.304	146.351	1686.458	3.56%	44.11%
18.0	4232.991	144.850	1831.309	3.53%	47.90%
19.0	3938.184	142.162	1973.47	3.46%	51.62%
20.0	3644.694	138.788	2112.258	3.38%	55.25%
21.0	3361.006	134.524	2246.782	3.28%	58.77%
22.0	3102.190	129.881	2376.662	3.16%	62.16%
23.0	2859.102	125.084	2501.746	3.05%	65.43%
24.0	2636.936	120.163	2621.909	2.93%	68.58%
25.0	2433.570	115.292	2737.202	2.81%	71.59%
26.0	2251.931	110.602	2847.803	2.69%	74.49%
27.0	2072.340	105.794	2953.598	2.58%	77.25%
28.0	1885.141	100.195	3053.793	2.44%	79.87%
29.0	1616.092	91.602	3145.395	2.23%	82.27%
30.0	1421.680	82.019	3227.414	2.00%	84.41%
31.0	1293.552	75.561	3302.975	1.84%	86.39%
32.0	1142.652	69.794	3372.769	1.70%	88.22%
33.0	962.885	62.030	3434.799	1.51%	89.84%
34.0	802.724	53.433	3488.232	1.30%	91.24%
35.0	647.339	45.034	3533.266	1.10%	92.41%
36.0	509.255	36.826	3570.092	0.90%	93.38%
37.0	379.321	28.980	3599.072	0.71%	94.13%

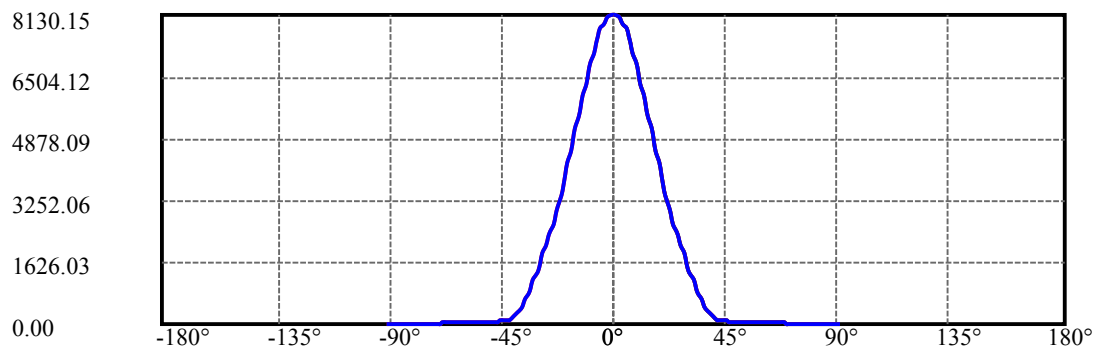
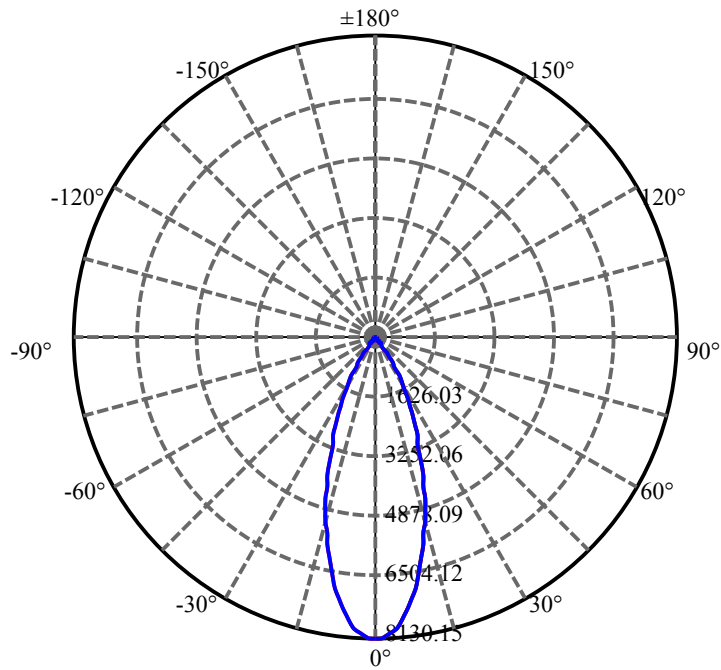
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	284.983	22.174	3621.246	0.54%	94.71%
39.0	229.745	17.569	3638.815	0.43%	95.17%
40.0	178.142	14.226	3653.04	0.35%	95.55%
41.0	123.614	10.745	3663.786	0.26%	95.83%
42.0	107.894	8.411	3672.197	0.20%	96.05%
43.0	95.099	7.519	3679.716	0.18%	96.24%
44.0	85.977	6.834	3686.551	0.17%	96.42%
45.0	77.908	6.298	3692.849	0.15%	96.59%
46.0	70.834	5.817	3698.666	0.14%	96.74%
47.0	64.587	5.386	3704.052	0.13%	96.88%
48.0	59.327	5.009	3709.061	0.12%	97.01%
49.0	54.623	4.679	3713.741	0.11%	97.13%
50.0	50.819	4.396	3718.137	0.11%	97.25%
51.0	47.345	4.153	3722.29	0.10%	97.36%
52.0	44.550	3.943	3726.233	0.10%	97.46%
53.0	42.224	3.775	3730.008	0.09%	97.56%
54.0	39.942	3.622	3733.63	0.09%	97.65%
55.0	38.179	3.487	3737.117	0.08%	97.75%
56.0	36.452	3.372	3740.489	0.08%	97.83%
57.0	35.077	3.270	3743.76	0.08%	97.92%
58.0	33.767	3.184	3746.943	0.08%	98.00%
59.0	32.670	3.106	3750.049	0.08%	98.08%
60.0	31.624	3.037	3753.087	0.07%	98.16%
61.0	30.688	2.974	3756.06	0.07%	98.24%
62.0	29.803	2.915	3758.975	0.07%	98.32%
63.0	28.976	2.859	3761.834	0.07%	98.39%
64.0	28.259	2.809	3764.642	0.07%	98.47%
65.0	27.564	2.763	3767.405	0.07%	98.54%
66.0	26.898	2.717	3770.122	0.07%	98.61%
67.0	26.306	2.675	3772.798	0.07%	98.68%
68.0	25.684	2.634	3775.431	0.06%	98.75%
69.0	25.157	2.594	3778.025	0.06%	98.82%
70.0	24.572	2.554	3780.579	0.06%	98.88%
71.0	24.089	2.515	3783.094	0.06%	98.95%
72.0	23.592	2.479	3785.573	0.06%	99.01%
73.0	23.087	2.441	3788.014	0.06%	99.08%
74.0	22.604	2.402	3790.416	0.06%	99.14%
75.0	22.129	2.364	3792.78	0.06%	99.20%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.653	2.324	3795.104	0.06%	99.26%
77.0	21.156	2.282	3797.386	0.06%	99.32%
78.0	20.673	2.239	3799.626	0.05%	99.38%
79.0	20.183	2.195	3801.821	0.05%	99.44%
80.0	19.678	2.149	3803.97	0.05%	99.49%
81.0	19.203	2.103	3806.072	0.05%	99.55%
82.0	18.727	2.057	3808.129	0.05%	99.60%
83.0	18.332	2.015	3810.144	0.05%	99.66%
84.0	17.966	1.977	3812.121	0.05%	99.71%
85.0	17.623	1.942	3814.064	0.05%	99.76%
86.0	17.323	1.910	3815.974	0.05%	99.81%
87.0	17.030	1.880	3817.854	0.05%	99.86%
88.0	16.745	1.850	3819.704	0.05%	99.91%
89.0	16.467	1.820	3821.524	0.04%	99.95%
90.0	16.350	1.799	3823.324	0.04%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	3227.41	78.58%	84.41%
0-40	3653.04	88.95%	95.55%
0-60	3753.09	91.38%	98.16%
0-90	3821.52	93.05%	99.95%
0-120	3821.52	93.05%	99.95%
0-180	3823.32	93.09%	100.00%
60-90	68.44	1.67%	1.79%
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%
0-28.05	3058.66	74.47%	80.00%

ZONAL LUMEN SUMMARY

0-10	702.32
10-20	1409.94
20-30	1115.16
30-40	425.63
40-50	65.10
50-60	34.95
60-70	27.49
70-80	23.39
80-90	17.55
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

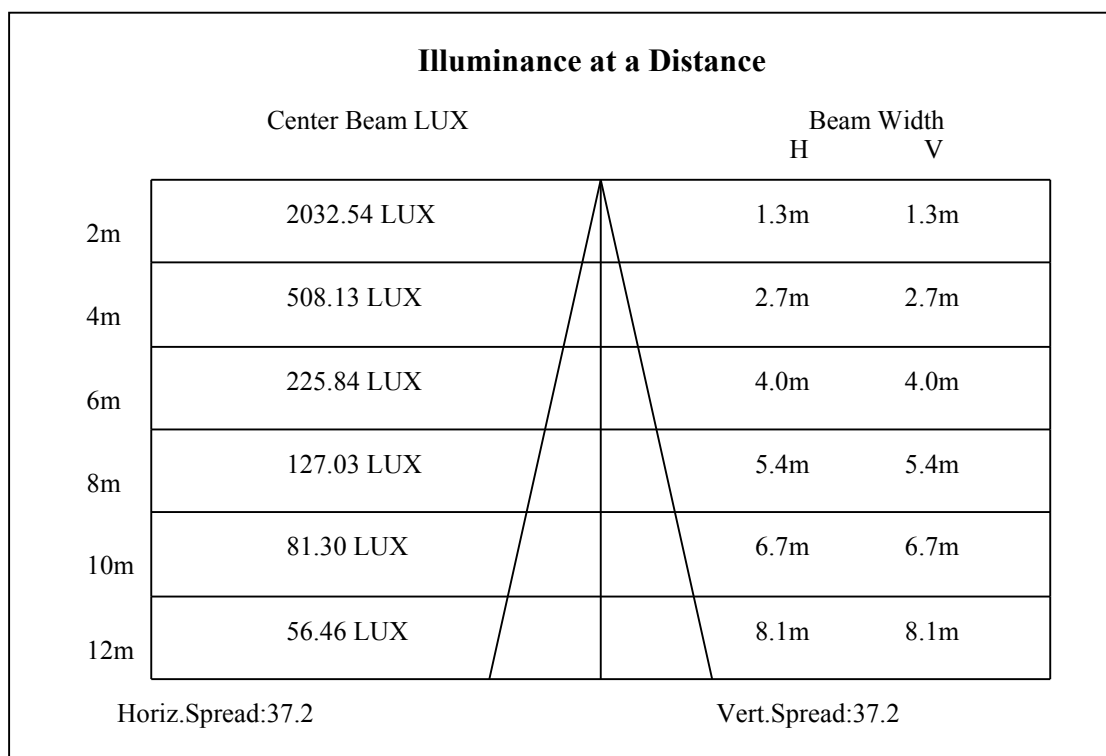
C0(Max): —————C0/C180: —————C90/C270: —————

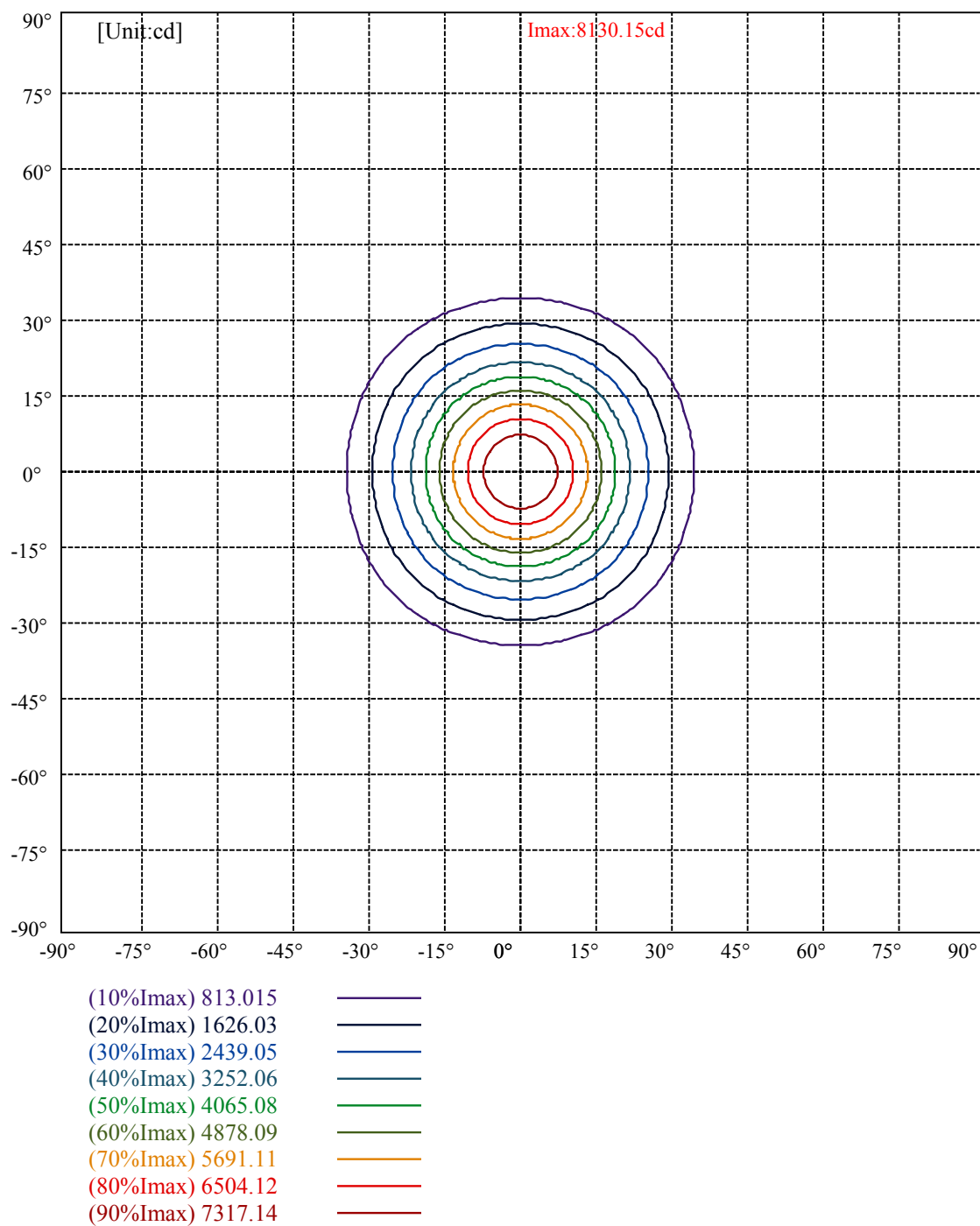
Field angle(10%Imax):C0/180Left:33.9 Right:33.9

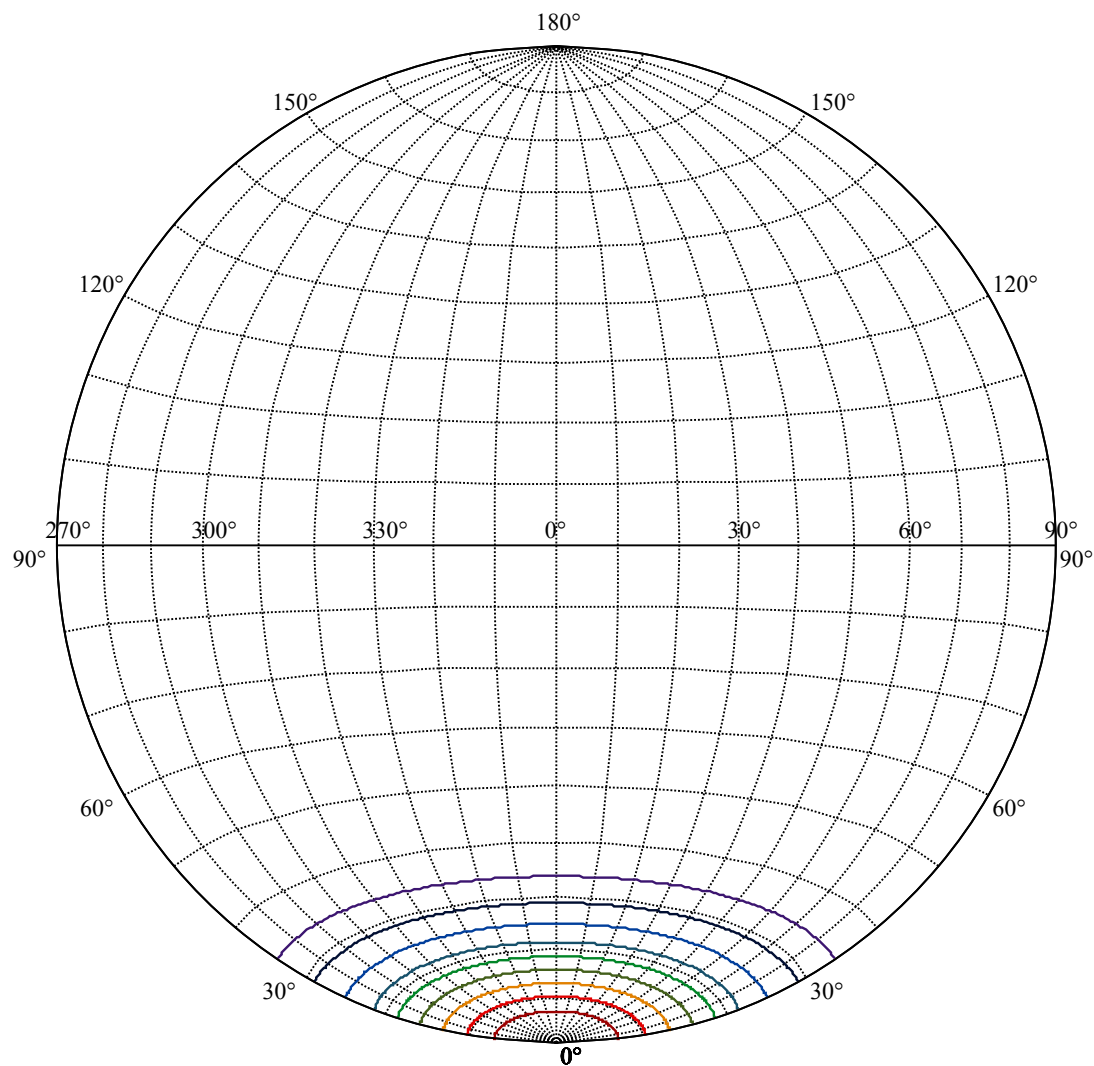
:C90/270Left:33.9 Right:33.9

Beam Angle(50%Imax):C0/180Left:18.6 Right:18.6

:C90/270Left:18.6 Right:18.6





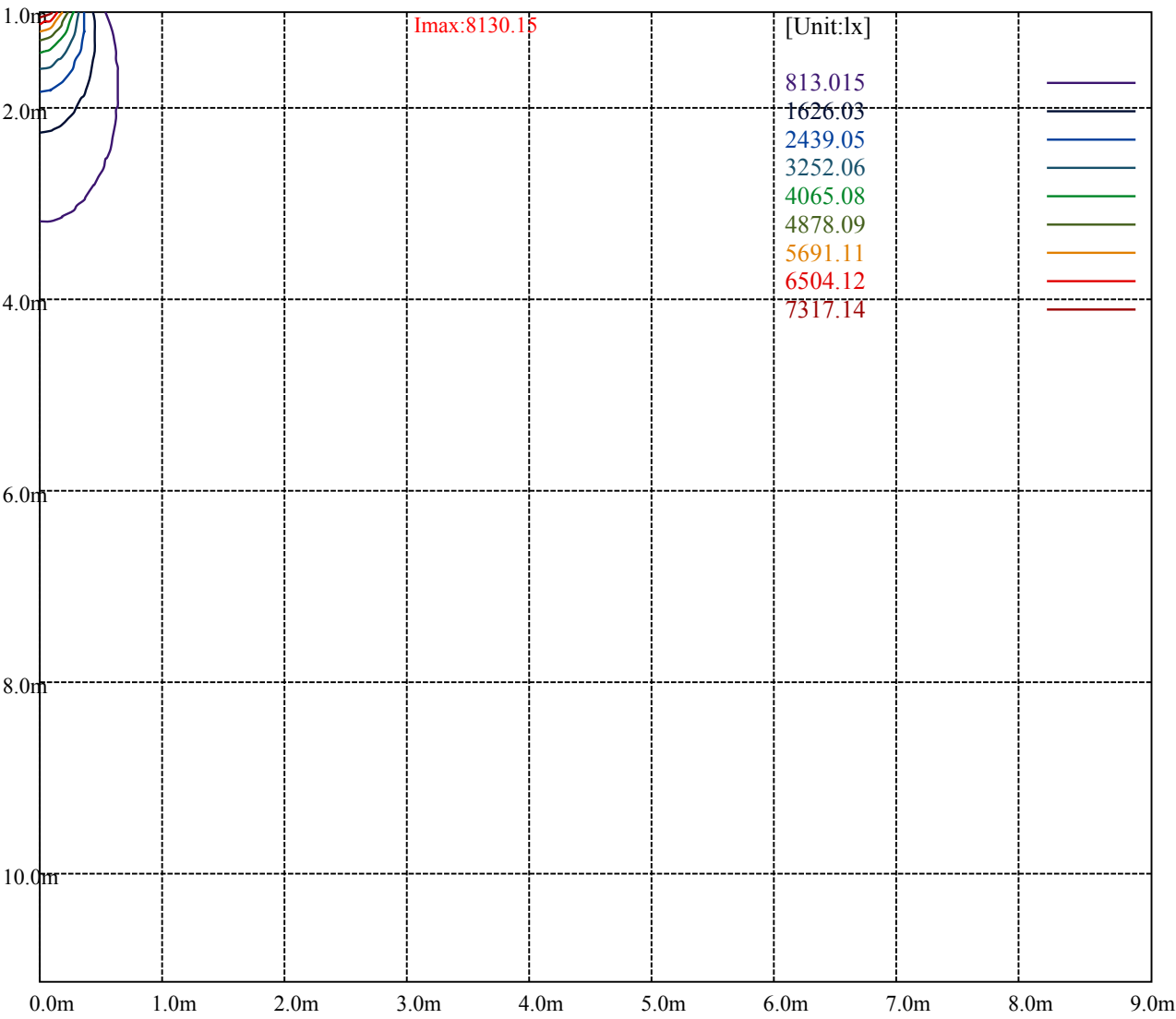


House

[Unit:cd]

Road

Imax:8130.15	
(10%Imax) 813.015	—
(20%Imax) 1626.03	—
(30%Imax) 2439.05	—
(40%Imax) 3252.06	—
(50%Imax) 4065.08	—
(60%Imax) 4878.09	—
(70%Imax) 5691.11	—
(80%Imax) 6504.12	—
(90%Imax) 7317.14	—



Luminance Table

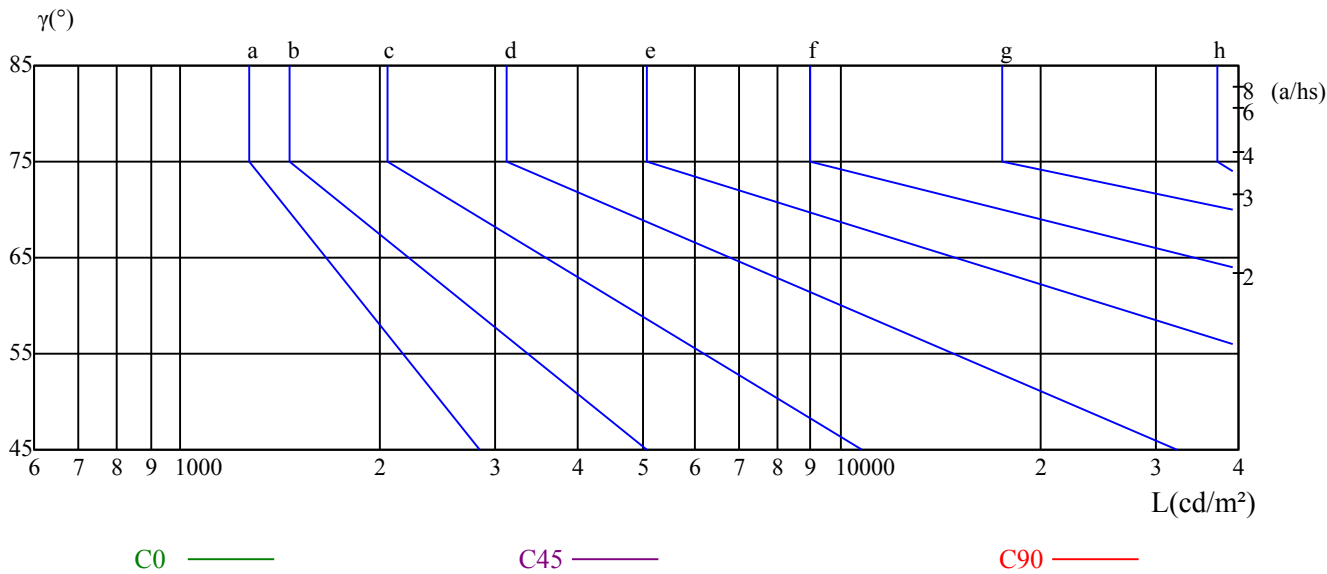
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(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

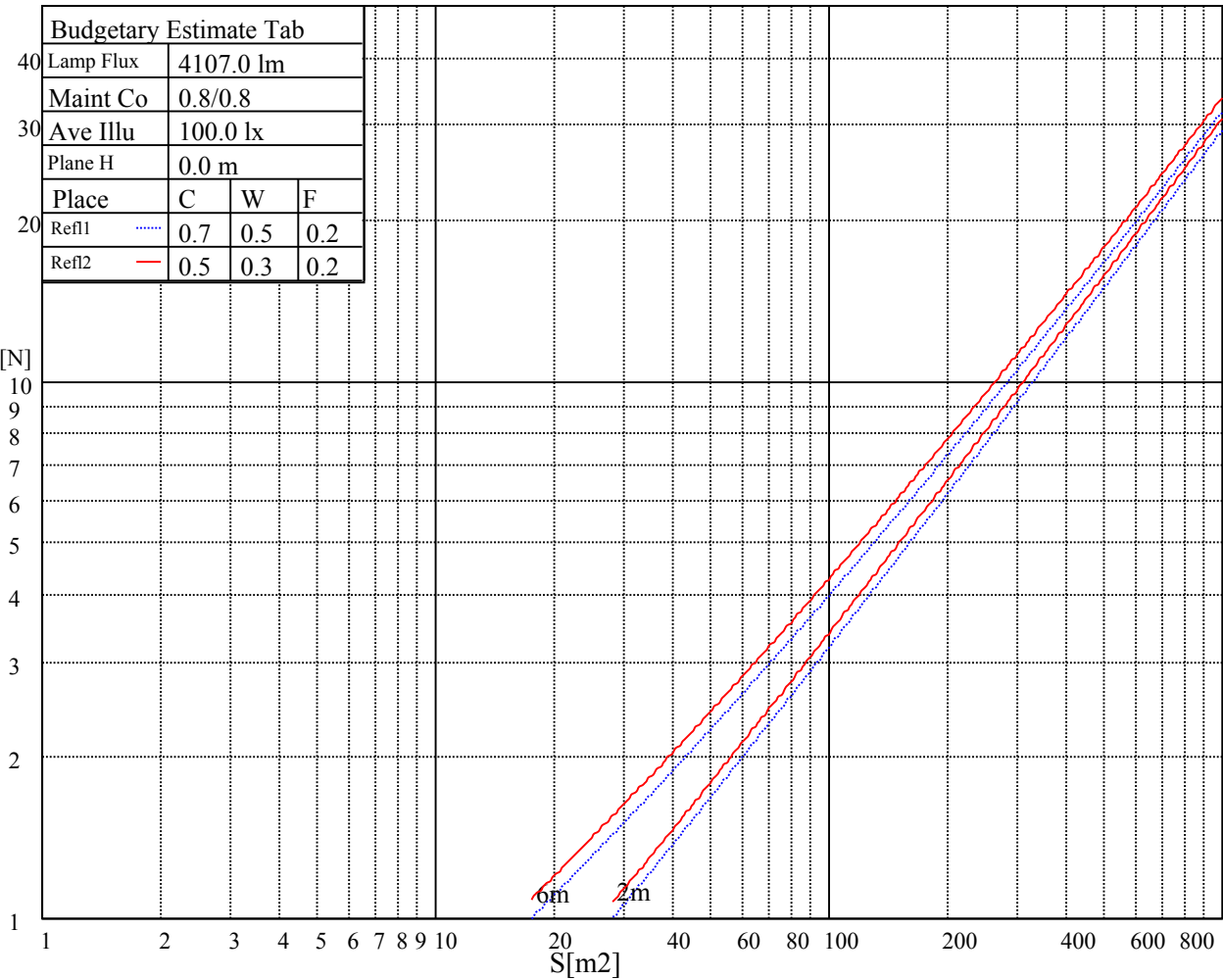
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

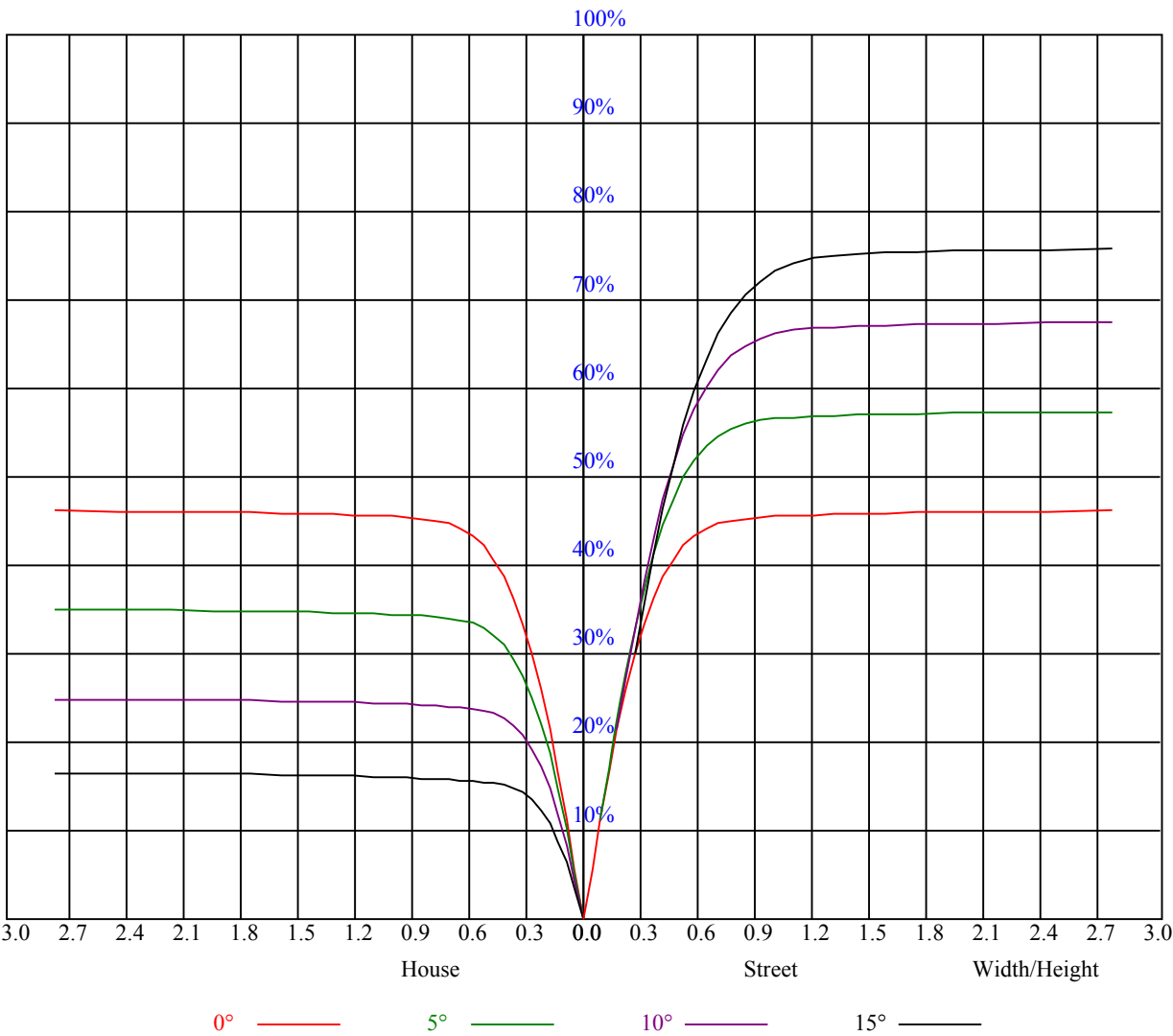


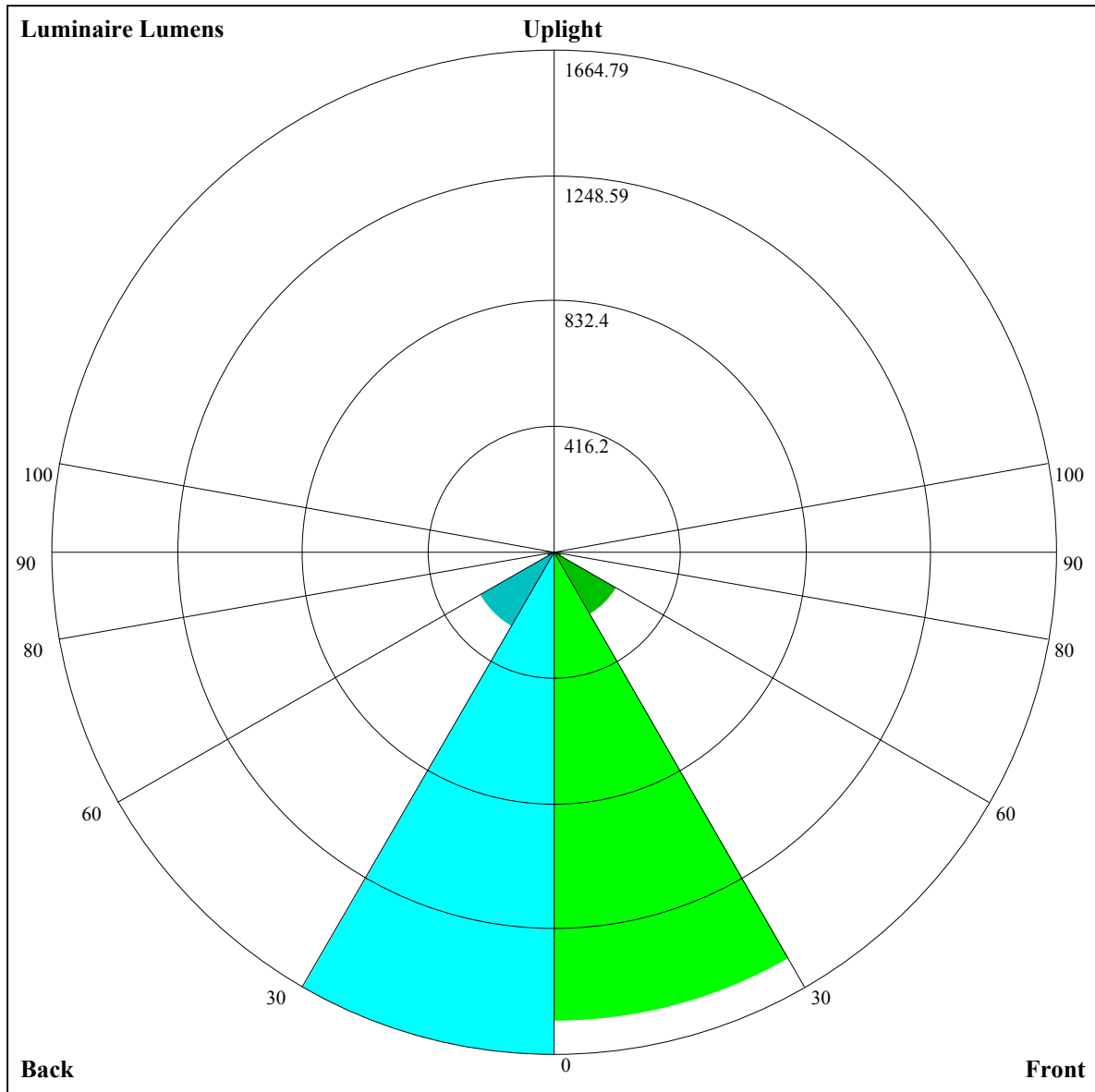
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
4H	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	
	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	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	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



RHOC	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	1.11	1.11	1.11	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.04	1.01	0.99	1.02	1.00	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.94	0.91	0.96	0.92	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.92	0.87	0.84	0.90	0.87	0.83	0.88	0.85	0.82	0.86	0.83	0.81	0.84	0.82	0.80	0.78
4	0.87	0.82	0.79	0.86	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.76	0.80	0.78	0.75	0.74
5	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.70
6	0.78	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	0.68	0.67
7	0.74	0.70	0.66	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.71	0.67	0.65	0.64
8	0.71	0.66	0.63	0.71	0.66	0.63	0.70	0.65	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.61
9	0.68	0.63	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.58
10	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.56





Luminaire Lumens:

FL=1558.58,FM=239.05,FH=25.12,FVH=9.62

BL=1664.79,BM=286.96,BH=25.75,BVH=9.74

UL=0,UH=0

BUG Rating:B3-U0-G0

Intensity data(cd)									Appendix Page: 18 Total:20
C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	8111.86	8048.66	7934.54	7805.20	7660.07	7402.57	7185.45	6945.51	6634.75
45.0	8147.56	8128.25	8093.14	8021.74	7856.70	7715.66	7530.15	7325.91	7062.55
90.0	8147.56	8143.46	8065.04	7950.34	7826.86	7702.20	7494.45	7282.60	7063.72
135.0	8113.62	8172.14	8180.92	8152.24	8077.92	7980.19	7892.40	7743.76	7522.54
180.0	8111.86	8151.66	8189.70	8176.24	8137.61	8074.41	7915.81	7784.72	7626.13
225.0	8147.56	8137.61	8110.69	8039.29	7937.47	7805.20	7614.42	7404.91	7168.48
270.0	8147.56	8144.05	8117.71	8055.10	7945.07	7850.85	7648.36	7457.00	7222.91
315.0	8113.62	8063.87	7947.41	7823.35	7674.11	7497.38	7212.96	6982.96	6720.78
360.0	8111.86	8048.66	7934.54	7805.20	7660.07	7402.57	7185.45	6945.51	6634.75
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6367.89	6116.24	5855.82	5514.05	5227.29	4956.33	4704.10	4388.66	4117.70
45.0	6841.92	6581.50	6252.60	5974.62	5726.49	5389.40	5124.87	4791.30	4509.80
90.0	6743.02	6490.20	6151.94	5882.74	5608.85	5275.28	5001.39	4734.53	4452.45
135.0	7313.03	7066.07	6826.12	6497.23	6221.59	5922.54	5576.08	5301.61	5017.78
180.0	7410.76	7114.64	6839.00	6563.94	6211.05	5928.97	5576.67	5301.61	5005.49
225.0	6936.15	6617.78	6339.80	6053.04	5777.40	5418.07	5135.41	4851.57	4545.50
270.0	6946.68	6685.08	6421.73	6091.67	5810.17	5539.80	5272.35	4999.64	4656.69
315.0	6450.99	6133.80	5862.26	5597.74	5267.08	5007.24	4739.21	4396.27	4113.02
360.0	6367.89	6116.24	5855.82	5514.05	5227.29	4956.33	4704.10	4388.66	4117.70
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3860.79	3534.82	3284.34	2989.97	2777.54	2592.02	2412.36	2201.09	2037.23
45.0	4222.46	3955.59	3632.55	3390.27	3153.84	2933.79	2682.14	2495.46	2323.40
90.0	4104.83	3834.45	3563.49	3306.58	2998.75	2785.14	2577.39	2355.59	2184.12
135.0	4655.52	4357.06	4048.65	3700.44	3426.55	3170.81	2858.88	2638.84	2436.94
180.0	4628.02	4327.80	4009.43	3717.99	3399.63	3139.21	2892.83	2680.39	2446.88
225.0	4180.32	3894.73	3623.19	3295.46	3042.06	2769.34	2566.86	2395.38	2220.40
270.0	4368.76	4086.10	3725.02	3456.98	3204.17	2913.31	2706.14	2469.71	2294.14
315.0	3843.23	3514.92	3270.88	3030.35	2814.99	2569.20	2398.90	2232.11	2072.34
360.0	3860.79	3534.82	3284.34	2989.97	2777.54	2592.02	2412.36	2201.09	2037.23
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1868.10	1682.58	1153.95	1153.95	1109.53	942.74	749.85	611.33	451.21
45.0	2156.61	1960.56	1782.65	1550.32	1377.09	1200.35	988.50	826.98	675.99
90.0	2018.50	1808.40	1634.59	1152.02	1152.02	1070.26	910.08	757.63	576.21
135.0	2254.93	2045.42	1884.48	1704.23	1532.76	1325.59	1170.51	979.14	825.81
180.0	2263.71	2103.94	1903.21	1725.30	1558.51	1353.68	1188.65	994.36	845.12
225.0	2016.74	1838.25	1666.19	1368.31	1164.07	1125.10	968.55	819.84	642.81
270.0	2136.13	1965.83	1742.27	1557.93	1375.92	1203.28	996.70	841.03	695.89
315.0	1864.00	1676.14	1161.38	1161.38	1078.51	920.21	730.24	591.49	465.66
360.0	1868.10	1682.58	1153.95	1153.95	1109.53	942.74	749.85	611.33	451.21
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	340.13	247.32	168.95	138.93	121.84	103.82	92.70	84.39	77.13
45.0	539.05	384.55	304.38	304.38	147.18	122.55	107.39	94.22	83.80
90.0	446.88	332.58	240.12	159.59	130.51	114.88	97.56	86.91	79.82
135.0	680.68	509.20	386.31	305.55	305.55	150.40	130.15	113.65	101.01
180.0	698.23	557.78	431.95	317.84	317.84	144.67	126.12	107.33	94.86
225.0	507.10	355.41	277.28	177.73	134.78	118.86	104.99	92.29	84.62
270.0	532.03	406.79	296.77	296.77	146.42	127.05	109.03	96.85	88.72
315.0	329.95	240.94	174.10	137.18	121.02	106.69	95.22	85.15	77.83
360.0	340.13	247.32	168.95	138.93	121.84	103.82	92.70	84.39	77.13

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	69.12	63.32	58.35	54.07	49.57	46.64	44.13	41.38	39.50
45.0	76.61	68.65	63.15	58.17	53.84	49.45	46.29	43.83	41.73
90.0	71.63	65.72	58.99	54.60	50.80	47.52	44.83	41.96	40.03
135.0	88.95	81.23	73.86	67.42	60.40	56.12	50.97	47.99	45.41
180.0	87.02	78.30	71.92	64.73	59.63	55.54	51.09	48.05	45.41
225.0	77.48	71.16	64.20	59.28	55.30	51.73	47.93	45.30	42.90
270.0	81.11	72.86	67.07	61.45	57.00	52.20	48.81	46.12	43.01
315.0	71.34	65.43	59.17	54.89	50.45	47.34	44.71	41.79	39.80
360.0	69.12	63.32	58.35	54.07	49.57	46.64	44.13	41.38	39.50
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	37.40	35.93	34.65	33.53	32.25	31.25	30.43	29.61	28.73
45.0	39.27	37.63	36.23	34.88	33.53	32.48	31.31	30.43	29.61
90.0	38.16	36.64	34.94	33.77	32.42	31.49	30.67	29.73	28.97
135.0	42.43	40.32	38.62	36.64	35.35	34.12	33.01	31.78	30.84
180.0	43.01	40.85	38.68	37.10	35.70	34.18	33.07	32.13	30.96
225.0	40.32	38.57	36.69	35.35	34.18	33.07	31.84	30.90	30.02
270.0	40.85	38.98	36.99	35.64	34.12	33.07	32.07	31.19	30.31
315.0	38.10	36.52	34.82	33.71	32.60	31.72	30.61	29.73	28.97
360.0	37.40	35.93	34.65	33.53	32.25	31.25	30.43	29.61	28.73
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	27.97	27.39	26.74	26.04	25.52	24.87	24.35	23.88	23.35
45.0	28.73	28.03	27.45	26.63	26.10	25.57	25.11	24.46	23.99
90.0	28.32	27.56	26.98	26.39	25.93	25.28	24.81	24.29	23.82
135.0	30.02	29.32	28.44	27.80	27.21	26.45	25.93	25.22	24.76
180.0	30.14	29.32	28.44	27.80	27.10	26.39	25.87	25.34	24.81
225.0	29.20	28.38	27.68	27.04	26.45	25.75	25.22	24.58	24.05
270.0	29.32	28.62	27.97	27.33	26.57	26.04	25.52	24.87	24.40
315.0	28.09	27.45	26.80	26.16	25.57	25.11	24.46	23.94	23.53
360.0	27.97	27.39	26.74	26.04	25.52	24.87	24.35	23.88	23.35
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	22.94	22.47	22.00	21.54	21.07	20.66	20.19	19.66	19.20
45.0	23.58	23.12	22.47	22.12	21.71	21.13	20.72	20.19	19.72
90.0	23.23	22.82	22.41	21.89	21.42	20.89	20.42	20.01	19.37
135.0	24.23	23.70	23.12	22.71	22.24	21.77	21.24	20.83	20.37
180.0	24.23	23.76	23.35	22.82	22.24	21.77	21.13	20.72	20.25
225.0	23.64	23.00	22.53	22.06	21.59	21.01	20.60	20.07	19.55
270.0	23.82	23.35	22.88	22.30	21.83	21.42	20.95	20.37	19.84
315.0	23.06	22.47	22.06	21.59	21.13	20.60	20.13	19.61	19.14
360.0	22.94	22.47	22.00	21.54	21.07	20.66	20.19	19.66	19.20
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.79	18.38	18.02	17.73	17.44	17.09	16.80	16.62	16.39
45.0	19.25	18.73	18.32	17.97	17.62	17.32	17.09	16.80	16.56
90.0	18.96	18.55	18.20	17.79	17.50	17.21	16.91	16.68	16.33
135.0	19.84	19.20	18.67	18.32	17.91	17.62	17.32	17.03	16.74
180.0	19.66	19.14	18.79	18.32	17.97	17.67	17.32	17.03	16.68
225.0	19.02	18.61	18.26	17.91	17.56	17.26	16.91	16.68	16.33
270.0	19.37	18.84	18.43	18.02	17.67	17.32	17.09	16.68	16.39
315.0	18.73	18.38	17.97	17.67	17.32	17.09	16.80	16.44	16.33
360.0	18.79	18.38	18.02	17.73	17.44	17.09	16.80	16.62	16.39

Intensity data(cd)

Appendix Page: 20 Total:20

C/ γ (°)	90.0
0.0	16.39
45.0	16.33
90.0	16.39
135.0	16.44
180.0	16.39
225.0	16.27
270.0	16.27
315.0	16.33
360.0	16.39