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NT

Client:

LumCAT: 1-1282-L

Luminaire: 92.70.410.00

Report No: 2024731-B003

Ballast type: AC

Test No: 2024731-C003

LampCAT: LUXEON CoB 1203 LES9

Lamp flux(lm): 1274.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 35.090

Current(A): 0.300

Power (W): 10.527

PF: 0.000

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1166.75, Efficiency(%): 91.58% , Luminous Efficacy(lm/W): 110.83

Central intensity(cd): 5610.611, Maximum intensity(cd): 5610.611

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=19.8

[C90/270]Total=19.8

Field angle(10%Imax): [C0/180]Total=49.0

[C90/270]Total=49.0

Maximum s/h(1/2): C0_180=0.34 C90_270=0.34

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(%): 91.58%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.038%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/31
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	5610.611	0.000	0	0.00%	0.00%
1.0	5579.959	5.354	5.354	0.42%	0.46%
2.0	5479.081	15.873	21.227	1.25%	1.82%
3.0	5322.168	25.833	47.061	2.03%	4.03%
4.0	5060.865	34.755	81.816	2.73%	7.01%
5.0	4753.110	42.219	124.035	3.31%	10.63%
6.0	4393.708	48.069	172.104	3.77%	14.75%
7.0	3980.832	51.981	224.085	4.08%	19.21%
8.0	3571.248	54.049	278.133	4.24%	23.84%
9.0	3151.422	54.484	332.617	4.28%	28.51%
10.0	2784.998	53.722	386.339	4.22%	33.11%
11.0	2406.138	51.870	438.21	4.07%	37.56%
12.0	2110.819	49.377	487.586	3.88%	41.79%
13.0	1826.619	46.727	534.314	3.67%	45.80%
14.0	1573.099	43.516	577.83	3.42%	49.52%
15.0	1375.820	40.484	618.314	3.18%	52.99%
16.0	1268.365	38.745	657.059	3.04%	56.32%
17.0	1148.826	37.642	694.701	2.95%	59.54%
18.0	1040.047	36.090	730.791	2.83%	62.63%
19.0	949.901	34.621	765.412	2.72%	65.60%
20.0	866.279	33.241	798.653	2.61%	68.45%
21.0	791.627	31.835	830.488	2.50%	71.18%
22.0	726.133	30.500	860.988	2.39%	73.79%
23.0	657.566	29.034	890.022	2.28%	76.28%
24.0	596.337	27.415	917.437	2.15%	78.63%
25.0	531.436	25.643	943.08	2.01%	80.83%
26.0	471.216	23.668	966.747	1.86%	82.86%
27.0	413.315	21.640	988.388	1.70%	84.71%
28.0	359.387	19.563	1007.951	1.54%	86.39%
29.0	312.357	17.575	1025.525	1.38%	87.90%
30.0	269.255	15.703	1041.229	1.23%	89.24%
31.0	241.442	14.212	1055.441	1.12%	90.46%
32.0	205.290	12.798	1068.239	1.00%	91.56%
33.0	157.740	10.695	1078.934	0.84%	92.47%
34.0	128.932	8.676	1087.61	0.68%	93.22%
35.0	106.357	7.307	1094.917	0.57%	93.84%
36.0	88.018	6.189	1101.106	0.49%	94.37%
37.0	71.339	5.197	1106.303	0.41%	94.82%

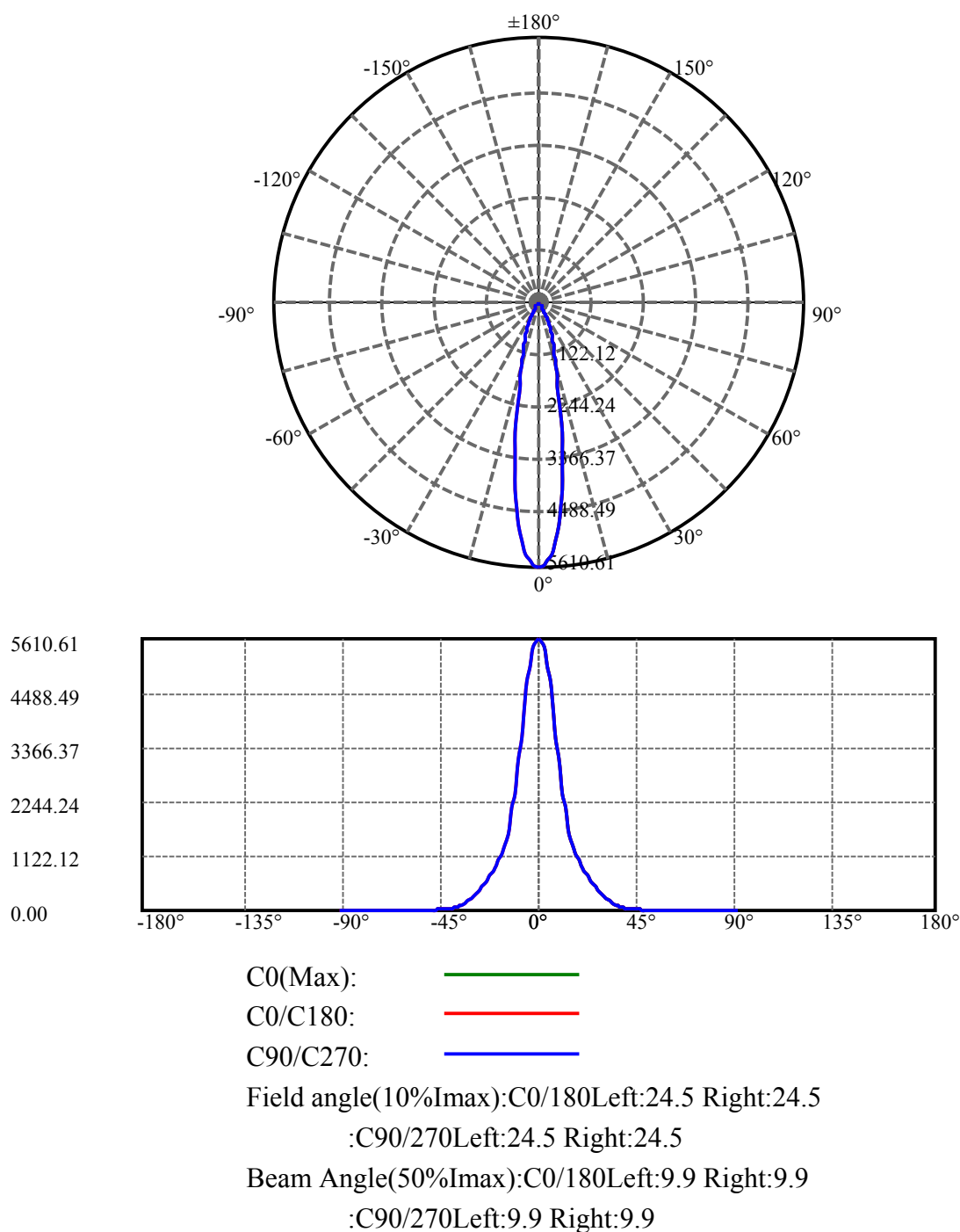
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	58.362	4.329	1110.632	0.34%	95.19%
39.0	48.098	3.634	1114.266	0.29%	95.50%
40.0	39.473	3.054	1117.32	0.24%	95.76%
41.0	33.197	2.588	1119.908	0.20%	95.99%
42.0	28.157	2.229	1122.137	0.17%	96.18%
43.0	24.528	1.952	1124.089	0.15%	96.34%
44.0	21.602	1.741	1125.83	0.14%	96.49%
45.0	19.320	1.573	1127.402	0.12%	96.63%
46.0	17.579	1.443	1128.846	0.11%	96.75%
47.0	16.042	1.337	1130.183	0.10%	96.87%
48.0	14.982	1.254	1131.437	0.10%	96.97%
49.0	14.038	1.192	1132.629	0.09%	97.08%
50.0	13.299	1.140	1133.768	0.09%	97.17%
51.0	12.663	1.098	1134.867	0.09%	97.27%
52.0	12.187	1.066	1135.933	0.08%	97.36%
53.0	11.792	1.043	1136.976	0.08%	97.45%
54.0	11.397	1.022	1137.998	0.08%	97.54%
55.0	11.083	1.003	1139.002	0.08%	97.62%
56.0	10.812	0.989	1139.991	0.08%	97.71%
57.0	10.585	0.978	1140.97	0.08%	97.79%
58.0	10.388	0.970	1141.939	0.08%	97.87%
59.0	10.190	0.962	1142.901	0.08%	97.96%
60.0	10.037	0.956	1143.857	0.08%	98.04%
61.0	9.890	0.951	1144.808	0.07%	98.12%
62.0	9.766	0.947	1145.755	0.07%	98.20%
63.0	9.634	0.944	1146.699	0.07%	98.28%
64.0	9.503	0.939	1147.638	0.07%	98.36%
65.0	9.349	0.933	1148.571	0.07%	98.44%
66.0	9.159	0.923	1149.494	0.07%	98.52%
67.0	8.917	0.909	1150.403	0.07%	98.60%
68.0	8.661	0.890	1151.293	0.07%	98.68%
69.0	8.391	0.870	1152.163	0.07%	98.75%
70.0	8.120	0.848	1153.011	0.07%	98.82%
71.0	7.871	0.827	1153.838	0.06%	98.89%
72.0	7.645	0.807	1154.645	0.06%	98.96%
73.0	7.447	0.789	1155.434	0.06%	99.03%
74.0	7.264	0.773	1156.207	0.06%	99.10%
75.0	7.074	0.758	1156.965	0.06%	99.16%

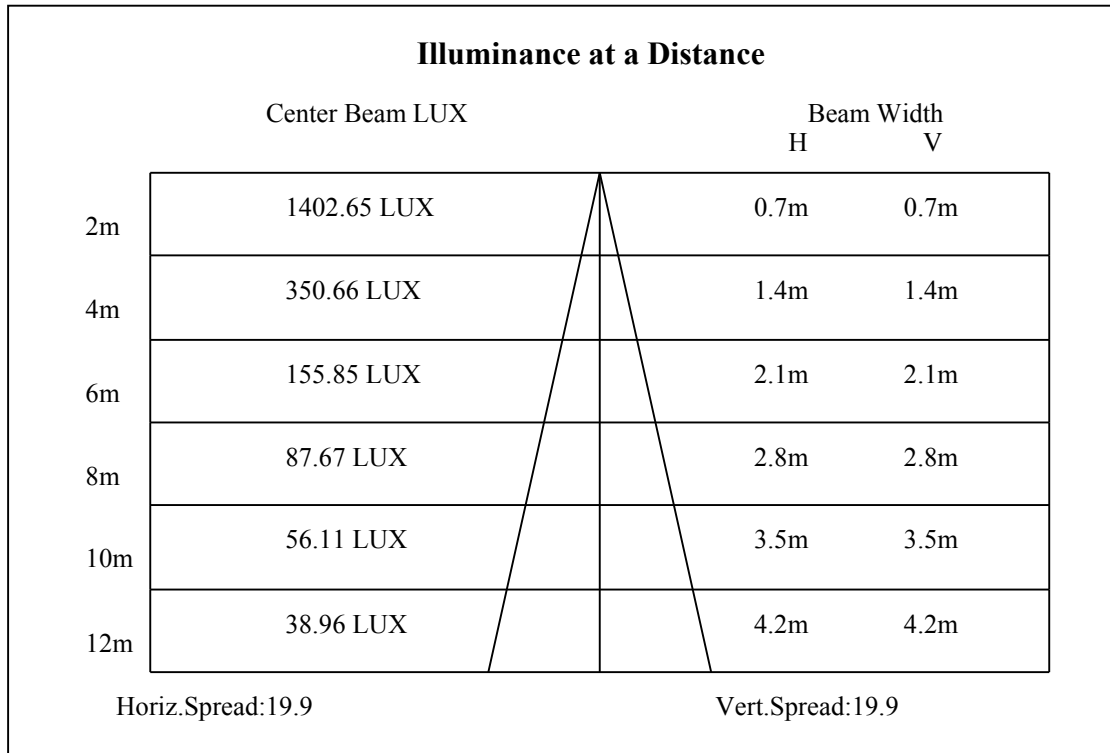
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.906	0.742	1157.707	0.06%	99.23%
77.0	6.723	0.727	1158.433	0.06%	99.29%
78.0	6.584	0.712	1159.146	0.06%	99.35%
79.0	6.459	0.701	1159.847	0.06%	99.41%
80.0	6.313	0.689	1160.535	0.05%	99.47%
81.0	6.189	0.676	1161.211	0.05%	99.53%
82.0	6.064	0.664	1161.876	0.05%	99.58%
83.0	5.940	0.653	1162.528	0.05%	99.64%
84.0	5.830	0.641	1163.169	0.05%	99.69%
85.0	5.713	0.630	1163.8	0.05%	99.75%
86.0	5.611	0.619	1164.419	0.05%	99.80%
87.0	5.443	0.605	1165.023	0.05%	99.85%
88.0	5.311	0.589	1165.613	0.05%	99.90%
89.0	5.165	0.574	1166.187	0.05%	99.95%
90.0	5.091	0.562	1166.749	0.04%	100.00%

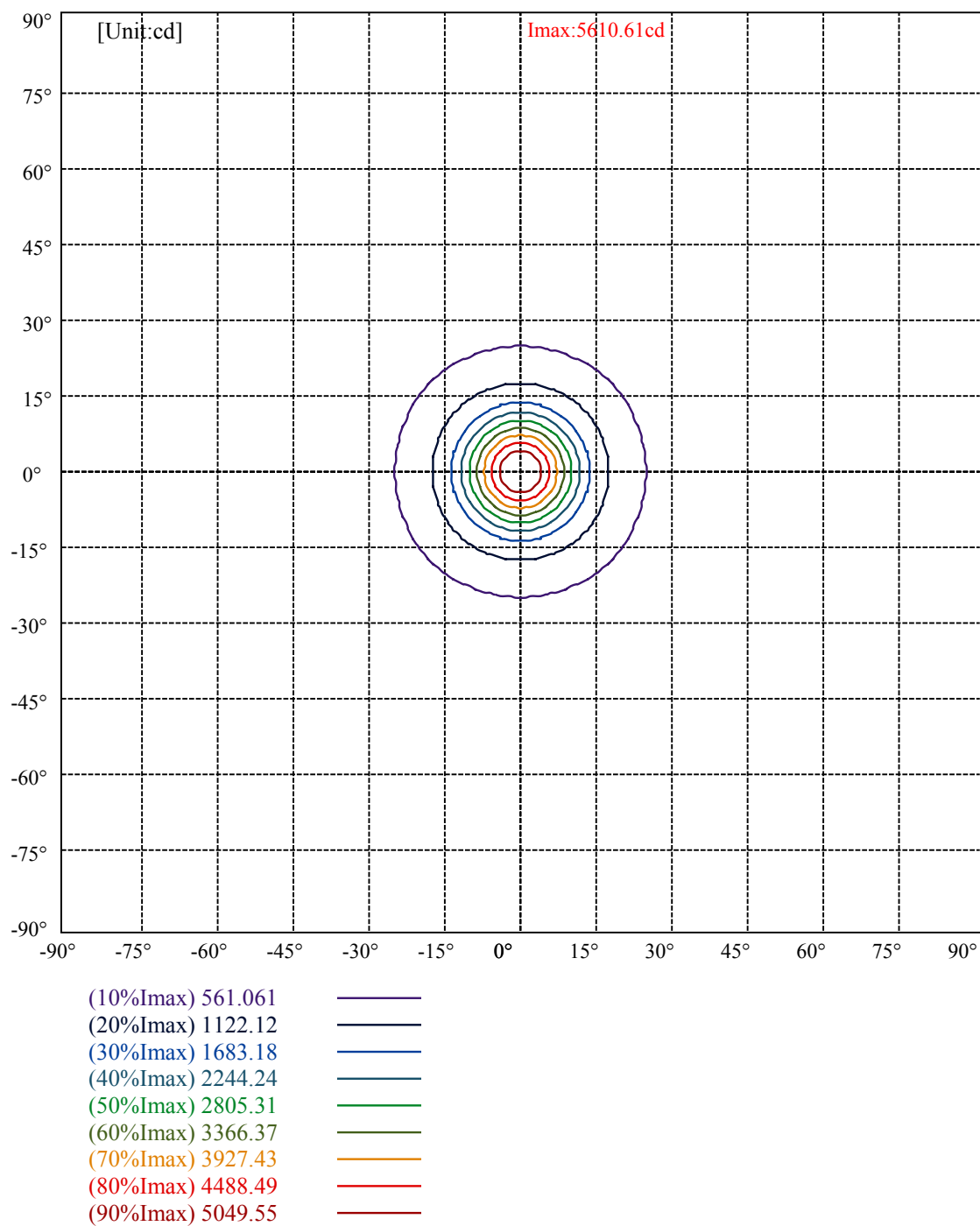
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1041.23	81.73%	89.24%
0-40	1117.32	87.70%	95.76%
0-60	1143.86	89.78%	98.04%
0-90	1166.19	91.54%	99.95%
0-120	1166.19	91.54%	99.95%
0-180	1166.75	91.58%	100.00%
60-90	22.33	1.75%	1.91%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-24.62	933.40	73.27%	80.00%

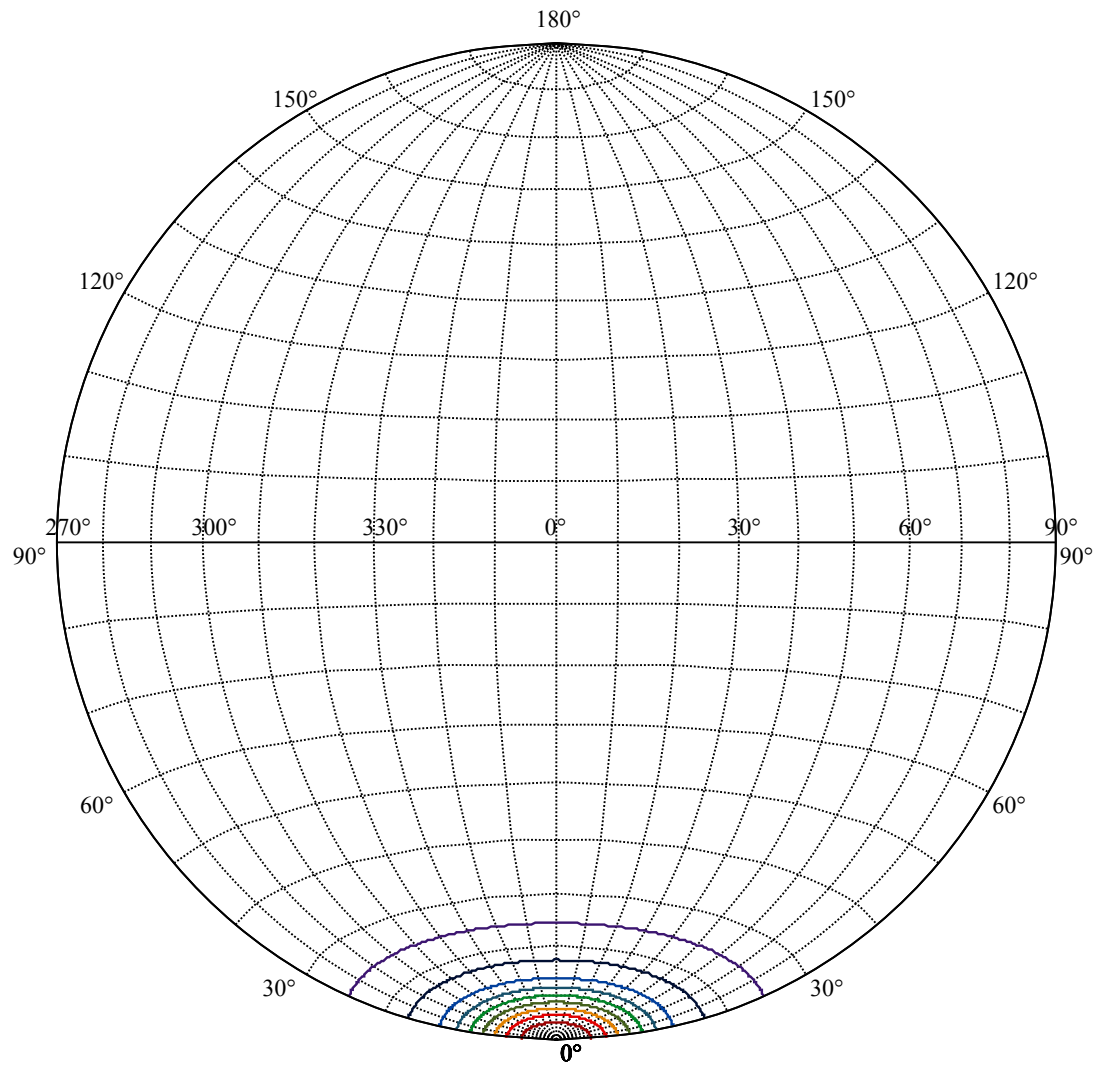
ZONAL LUMEN SUMMARY

0-10	386.34
10-20	412.31
20-30	242.58
30-40	76.09
40-50	16.45
50-60	10.09
60-70	9.15
70-80	7.52
80-90	5.65
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







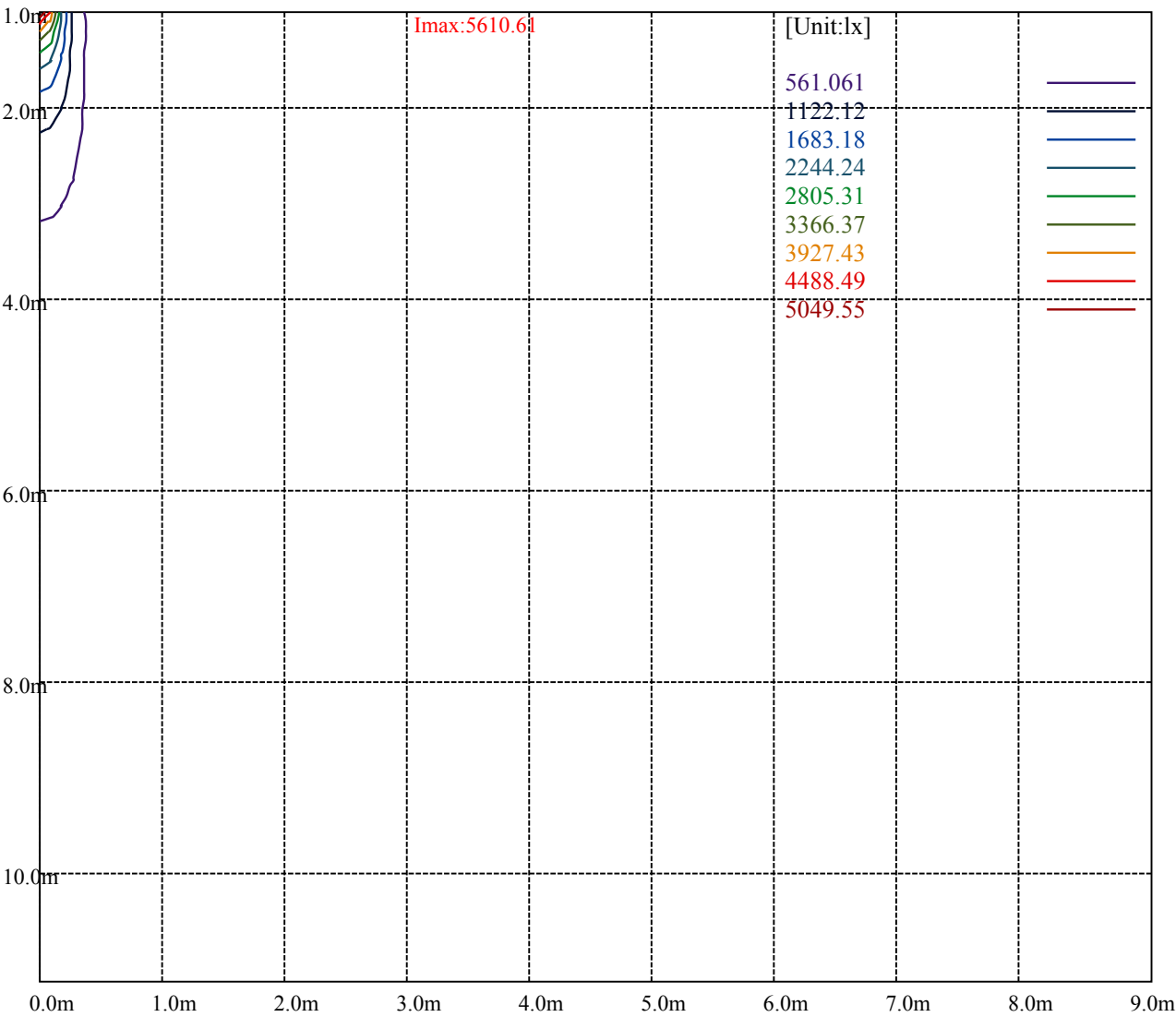


House

[Unit:cd]

Road

Imax:5610.61	
(10%Imax) 561.061	_____
(20%Imax) 1122.12	_____
(30%Imax) 1683.18	_____
(40%Imax) 2244.24	_____
(50%Imax) 2805.31	_____
(60%Imax) 3366.37	_____
(70%Imax) 3927.43	_____
(80%Imax) 4488.49	_____
(90%Imax) 5049.55	_____



Luminance Table

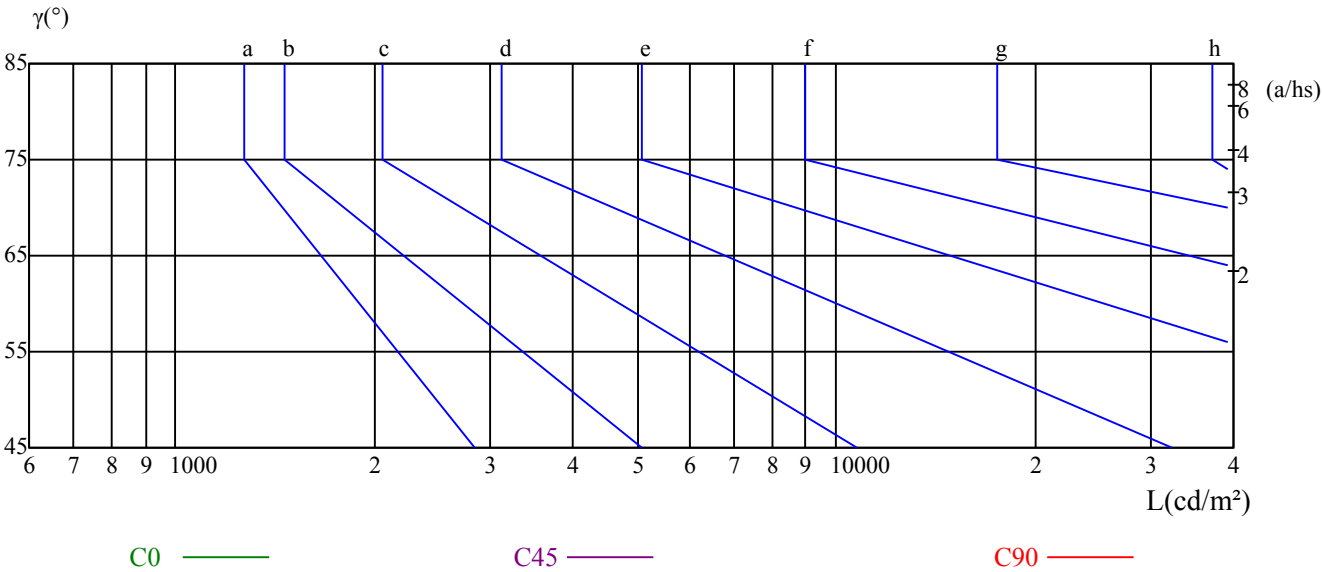
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

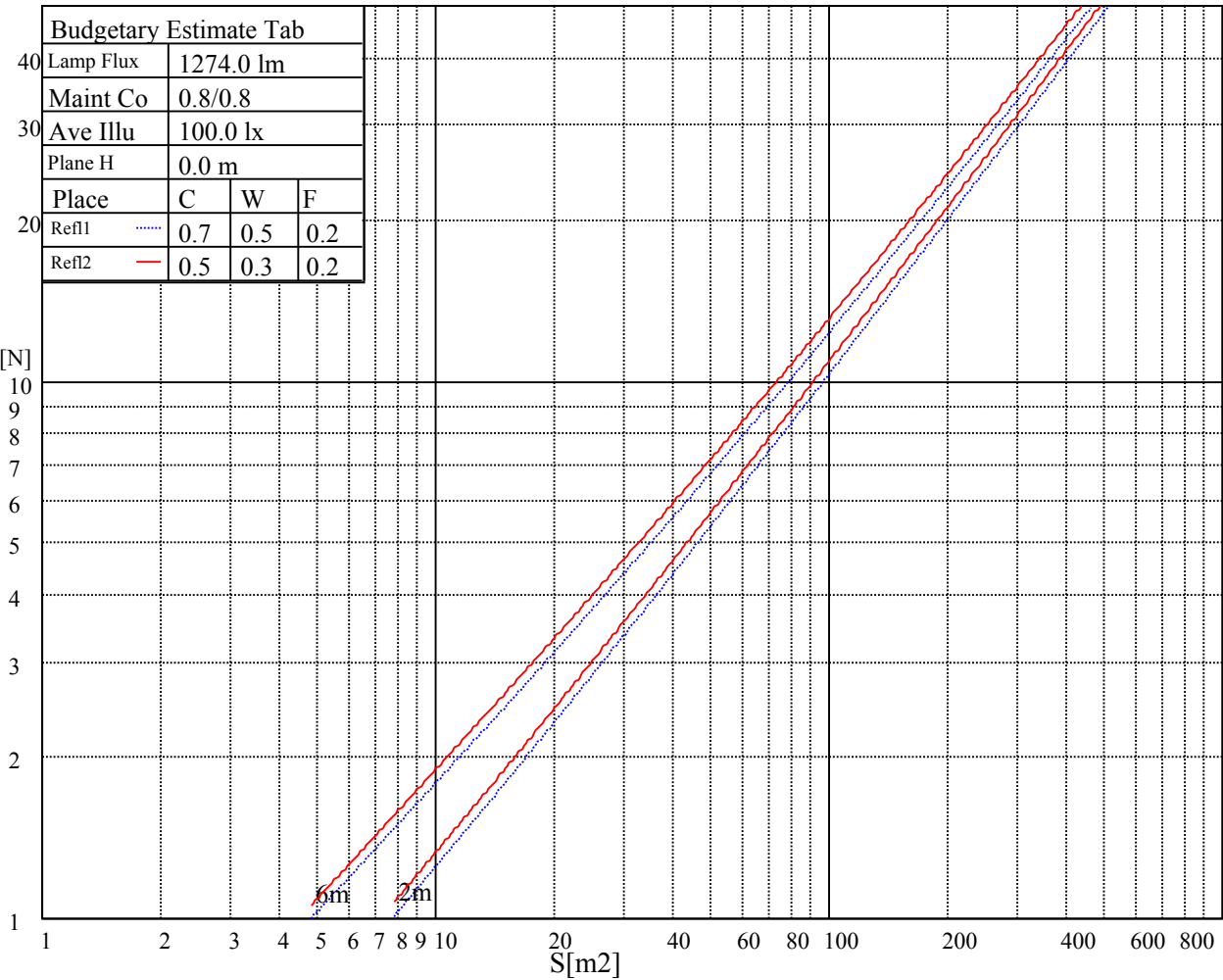
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

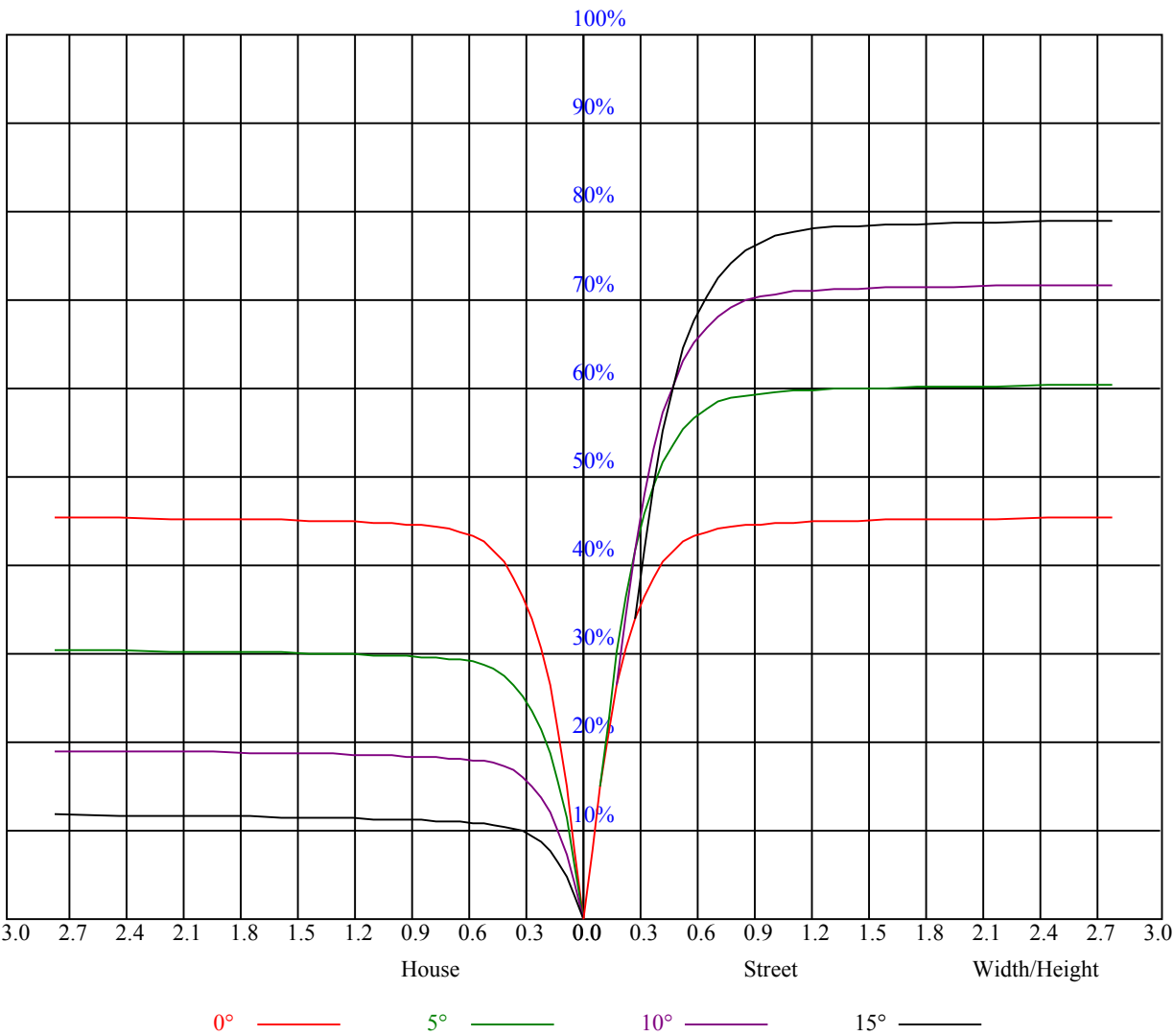


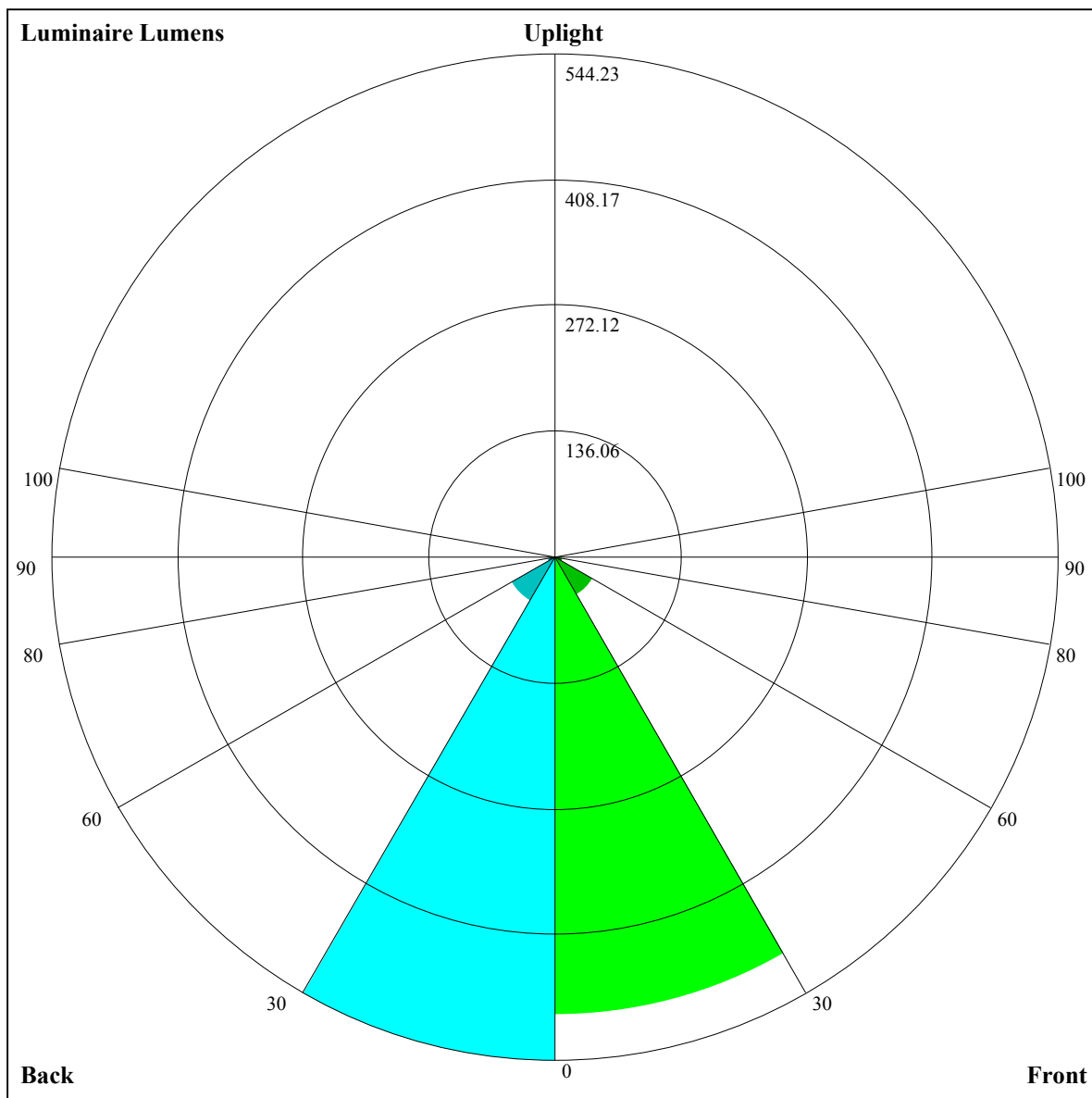
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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



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	1.09	1.09	1.09	1.06	1.06	1.06	1.02	1.02	1.02	0.97	0.97	0.97	0.93	0.93	0.93	0.92
1	1.03	1.01	0.99	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.92	0.91	0.90	0.90	0.89	0.87
2	0.97	0.94	0.91	0.96	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.87	0.88	0.86	0.85	0.83
3	0.92	0.89	0.86	0.91	0.88	0.85	0.89	0.86	0.84	0.87	0.84	0.82	0.85	0.83	0.81	0.80
4	0.88	0.84	0.81	0.87	0.84	0.81	0.85	0.82	0.80	0.84	0.81	0.79	0.82	0.80	0.78	0.77
5	0.85	0.80	0.77	0.84	0.80	0.77	0.82	0.79	0.76	0.81	0.78	0.76	0.80	0.77	0.75	0.74
6	0.81	0.77	0.74	0.81	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
7	0.78	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
8	0.76	0.71	0.69	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.68	0.73	0.70	0.68	0.67
9	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.66	0.71	0.68	0.66	0.65
10	0.71	0.67	0.64	0.70	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.69	0.66	0.64	0.63





Luminaire Lumens:

FL=495.43,FM=47.09,FH=8.27,FVH=3.08

BL=544.23,BM=55.39,BH=8.43,BVH=3.11

UL=0,UH=0

BUG Rating:B2-U0-G0

NT 1-1282-L

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	5588.37	5481.28	5323.85	5092.10	4726.34	4376.37	3903.51	3507.90	3111.11		
45.0	5638.70	5618.80	5520.49	5378.86	5116.68	4819.39	4387.49	4004.75	3610.31		
90.0	5610.61	5535.70	5353.11	5139.50	4867.37	4539.65	4186.76	3701.61	3309.51		
135.0	5604.76	5632.85	5601.83	5506.44	5283.47	5042.94	4739.80	4400.95	3936.87		
180.0	5588.37	5638.12	5610.61	5522.24	5370.67	5094.44	4807.10	4461.23	4006.51		
225.0	5638.70	5601.83	5497.08	5319.17	5091.52	4715.80	4370.52	3980.17	3582.81		
270.0	5610.61	5626.41	5576.67	5474.84	5234.31	4977.40	4674.25	4210.75	3828.60		
315.0	5604.76	5504.68	5349.02	5144.19	4796.56	4458.89	4080.25	3579.29	3184.27		
360.0	5588.37	5481.28	5323.85	5092.10	4726.34	4376.37	3903.51	3507.90	3111.11		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	2668.68	2349.74	2062.98	1820.69	1570.22	1163.13	1163.13	1136.04	1012.91		
45.0	3126.92	2769.93	2436.94	2072.34	1820.69	1611.77	1433.27	1245.42	1123.69		
90.0	2935.55	2593.19	2209.87	1944.76	1670.29	1488.87	1156.29	1156.29	1044.04		
135.0	3542.43	3162.03	2713.75	2390.70	2034.89	1796.11	1593.04	1425.67	1255.37		
180.0	3607.97	3230.50	2782.80	2453.91	2096.92	1856.98	1656.83	1492.38	1323.84		
225.0	3082.44	2727.21	2328.08	2051.27	1813.09	1579.00	1315.64	1163.72	1163.72		
270.0	3434.16	3049.08	2607.24	2294.14	2012.65	1772.12	1527.50	1366.56	1232.54		
315.0	2813.24	2398.31	2107.45	1858.73	1594.21	1316.81	1160.85	1160.85	1034.50		
360.0	2668.68	2349.74	2062.98	1820.69	1570.22	1163.13	1163.13	1136.04	1012.91		
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0		
0.0	923.84	847.23	765.59	704.90	646.56	575.57	519.45	464.14	398.83		
45.0	1017.18	927.05	834.59	774.31	714.62	643.81	591.72	525.59	471.16		
90.0	949.47	851.21	784.55	723.75	667.92	595.41	538.23	485.27	419.14		
135.0	1148.86	1054.63	972.70	878.48	811.77	750.32	689.45	611.03	549.58		
180.0	1206.21	1102.62	1003.13	902.48	826.98	749.73	676.58	595.82	537.88		
225.0	1034.21	947.77	872.28	801.99	722.46	662.71	604.54	532.91	477.31		
270.0	1091.50	991.43	890.19	823.47	756.75	694.72	619.23	561.29	507.45		
315.0	949.12	877.25	807.20	723.63	662.01	588.27	531.50	475.44	408.37		
360.0	923.84	847.23	765.59	704.90	646.56	575.57	519.45	464.14	398.83		
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0		
0.0	346.92	297.82	257.15	211.73	178.90	150.87	127.34	101.60	84.51		
45.0	414.40	361.14	301.45	301.45	250.18	185.52	149.58	125.12	104.11		
90.0	368.40	319.65	276.81	227.77	192.83	161.64	128.93	107.21	88.54		
135.0	478.77	424.93	374.60	312.57	301.45	301.45	191.49	154.15	128.69		
180.0	467.65	419.66	373.43	317.25	296.18	296.18	206.06	165.09	139.69		
225.0	423.82	360.97	314.85	263.59	226.83	192.54	162.58	136.65	108.33		
270.0	450.10	382.21	335.39	300.86	300.86	200.32	167.26	139.11	112.07		
315.0	356.46	308.71	265.17	218.82	184.29	153.80	128.69	102.53	84.92		
360.0	346.92	297.82	257.15	211.73	178.90	150.87	127.34	101.60	84.51		
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0		
0.0	70.58	56.83	47.70	38.45	33.07	28.85	24.76	22.18	19.90		
45.0	86.20	68.06	56.59	46.99	37.69	32.25	28.03	24.05	21.65		
90.0	70.11	58.29	48.34	40.20	32.54	28.03	24.46	21.83	19.20		
135.0	106.51	83.57	68.53	56.42	46.41	36.81	30.96	26.51	22.36		
180.0	117.22	96.85	76.08	63.56	52.79	43.66	35.17	30.14	26.16		
225.0	89.71	73.86	60.86	47.99	39.68	33.30	27.21	23.64	21.01		
270.0	93.40	77.37	62.21	52.09	41.90	35.35	30.61	26.86	23.41		
315.0	70.40	55.89	46.58	39.09	31.72	27.33	24.05	21.01	19.14		
360.0	70.58	56.83	47.70	38.45	33.07	28.85	24.76	22.18	19.90		

Intensity data(cd)

Appendix Page: 19 Total:20

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	18.08	16.27	15.16	14.28	13.58	12.87	12.41	12.06	11.70
45.0	19.31	17.79	16.50	15.45	14.28	13.58	12.99	12.47	12.11
90.0	17.50	15.86	14.86	14.05	13.28	12.82	12.47	12.06	11.76
135.0	19.90	17.97	15.92	14.69	13.64	12.58	11.94	11.41	11.00
180.0	22.53	20.37	18.14	16.80	15.74	14.86	13.93	13.40	12.99
225.0	18.38	16.68	14.98	13.87	13.05	12.35	11.65	11.18	10.83
270.0	21.36	19.61	18.08	16.97	15.80	15.04	14.34	13.81	13.23
315.0	17.50	16.09	14.69	13.75	12.93	12.29	11.59	11.12	10.71
360.0	18.08	16.27	15.16	14.28	13.58	12.87	12.41	12.06	11.70
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	11.35	11.06	10.77	10.59	10.42	10.18	10.07	9.95	9.83
45.0	11.65	11.35	11.06	10.77	10.53	10.30	10.07	9.89	9.71
90.0	11.47	11.29	11.06	10.77	10.59	10.48	10.24	10.12	10.01
135.0	10.59	10.30	10.07	9.89	9.66	9.48	9.36	9.25	9.19
180.0	12.58	12.23	11.94	11.76	11.59	11.47	11.35	11.24	11.06
225.0	10.53	10.18	10.01	9.83	9.66	9.48	9.36	9.25	9.13
270.0	12.70	12.23	11.88	11.59	11.29	10.94	10.77	10.48	10.30
315.0	10.30	10.01	9.71	9.48	9.36	9.19	9.07	8.95	8.90
360.0	11.35	11.06	10.77	10.59	10.42	10.18	10.07	9.95	9.83
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.66	9.54	9.42	9.25	8.90	8.66	8.43	8.19	7.96
45.0	9.66	9.54	9.36	9.19	8.95	8.72	8.49	8.13	7.90
90.0	9.83	9.66	9.42	9.25	8.95	8.66	8.25	8.02	7.78
135.0	9.13	9.07	9.07	8.90	8.78	8.60	8.31	8.02	7.72
180.0	10.94	10.77	10.53	10.36	10.07	9.83	9.54	9.19	8.84
225.0	9.01	8.90	8.78	8.54	8.37	8.08	7.84	7.67	7.43
270.0	10.12	9.95	9.71	9.48	9.25	8.90	8.60	8.25	8.02
315.0	8.72	8.60	8.49	8.31	8.08	7.84	7.67	7.49	7.32
360.0	9.66	9.54	9.42	9.25	8.90	8.66	8.43	8.19	7.96
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.84	7.61	7.49	7.32	7.14	6.96	6.85	6.73	6.55
45.0	7.67	7.43	7.26	7.02	6.85	6.73	6.55	6.44	6.32
90.0	7.49	7.26	7.08	6.85	6.67	6.44	6.32	6.20	6.09
135.0	7.49	7.37	7.14	7.02	6.85	6.67	6.50	6.38	6.26
180.0	8.49	8.25	8.02	7.78	7.61	7.32	7.20	7.02	6.85
225.0	7.26	7.08	6.96	6.79	6.67	6.50	6.38	6.26	6.09
270.0	7.78	7.55	7.32	7.08	6.91	6.73	6.55	6.44	6.26
315.0	7.14	7.02	6.85	6.73	6.55	6.44	6.32	6.20	6.09
360.0	7.84	7.61	7.49	7.32	7.14	6.96	6.85	6.73	6.55
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.44	6.32	6.14	6.03	5.97	5.79	5.56	5.38	5.15
45.0	6.20	6.03	5.91	5.79	5.62	5.56	5.38	5.27	5.09
90.0	5.97	5.85	5.74	5.62	5.50	5.38	5.27	5.15	5.03
135.0	6.09	6.03	5.91	5.79	5.68	5.62	5.44	5.33	5.21
180.0	6.73	6.55	6.44	6.38	6.14	6.09	5.91	5.62	5.50
225.0	6.03	5.91	5.79	5.68	5.62	5.50	5.33	5.27	5.15
270.0	6.09	5.97	5.85	5.74	5.62	5.50	5.33	5.27	5.15
315.0	5.97	5.85	5.74	5.62	5.56	5.44	5.33	5.21	5.03
360.0	6.44	6.32	6.14	6.03	5.97	5.79	5.56	5.38	5.15

Intensity data(cd)

Appendix Page: 20 Total:20

C/ γ (°)	90.0
0.0	5.09
45.0	5.03
90.0	5.03
135.0	5.09
180.0	5.33
225.0	5.09
270.0	5.03
315.0	5.03
360.0	5.09