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Nata

Client:

LumCAT: 2-2760-L

Luminaire: 92.70.412.00

Report No: 2024820-B017

Ballast type:

Test No: 2024820-C017

LampCAT: Fortimo_SLM_C_1205

Lamp flux(lm): 2137.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V):

Current(A):

Power (W): 12.630

PF:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1966.96, Efficiency(%): 92.04% , Luminous Efficacy(lm/W): 155.74

Central intensity(cd): 2879.847, Maximum intensity(cd): 2880.333

Angle of maximum intensity: C=0.0 γ =3.0

Beam Angle(50%Imax): [C0/180]Total=50.4

[C90/270]Total=50.4

Field angle(10%Imax): [C0/180]Total=74.0

[C90/270]Total=74.0

Maximum s/h(1/2): C0_180=0.80 C90_270=0.80

Maximum s/h(1/4): C0_180=0.78 C90_270=0.78

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.04%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.271%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2879.847	0.000	0	0.00%	0.00%
1.0	2879.781	2.756	2.756	0.13%	0.14%
2.0	2880.195	8.267	11.023	0.39%	0.56%
3.0	2880.333	13.777	24.8	0.64%	1.26%
4.0	2879.847	19.281	44.082	0.90%	2.24%
5.0	2871.148	24.740	68.822	1.16%	3.50%
6.0	2857.133	30.104	98.926	1.41%	5.03%
7.0	2841.056	35.369	134.294	1.66%	6.83%
8.0	2815.839	40.485	174.78	1.89%	8.89%
9.0	2787.008	45.408	220.188	2.12%	11.19%
10.0	2753.230	50.137	270.325	2.35%	13.74%
11.0	2714.308	54.632	324.957	2.56%	16.52%
12.0	2667.218	58.828	383.784	2.75%	19.51%
13.0	2616.804	62.708	446.493	2.93%	22.70%
14.0	2549.872	66.133	512.626	3.09%	26.06%
15.0	2479.465	69.045	581.67	3.23%	29.57%
16.0	2400.266	71.502	653.172	3.35%	33.21%
17.0	2303.190	73.245	726.418	3.43%	36.93%
18.0	2213.906	74.477	800.895	3.49%	40.72%
19.0	2107.552	75.185	876.079	3.52%	44.54%
20.0	2004.609	75.264	951.343	3.52%	48.37%
21.0	1888.525	74.756	1026.099	3.50%	52.17%
22.0	1781.685	73.754	1099.854	3.45%	55.92%
23.0	1671.363	72.454	1172.308	3.39%	59.60%
24.0	1567.939	70.823	1243.131	3.31%	63.20%
25.0	1465.147	68.966	1312.097	3.23%	66.71%
26.0	1332.571	66.040	1378.137	3.09%	70.06%
27.0	1255.462	63.317	1441.454	2.96%	73.28%
28.0	1143.911	60.747	1502.201	2.84%	76.37%
29.0	1061.532	57.701	1559.901	2.70%	79.31%
30.0	958.963	54.553	1614.454	2.55%	82.08%
31.0	849.062	50.315	1664.769	2.35%	84.64%
32.0	738.083	45.470	1710.239	2.13%	86.95%
33.0	631.742	40.356	1750.594	1.89%	89.00%
34.0	540.908	35.488	1786.082	1.66%	90.80%
35.0	434.896	30.305	1816.387	1.42%	92.34%
36.0	348.483	24.943	1841.33	1.17%	93.61%
37.0	285.927	20.691	1862.021	0.97%	94.66%

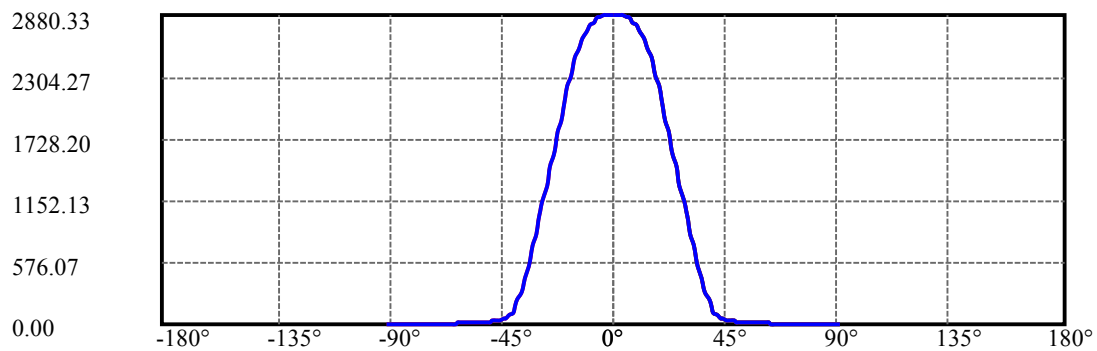
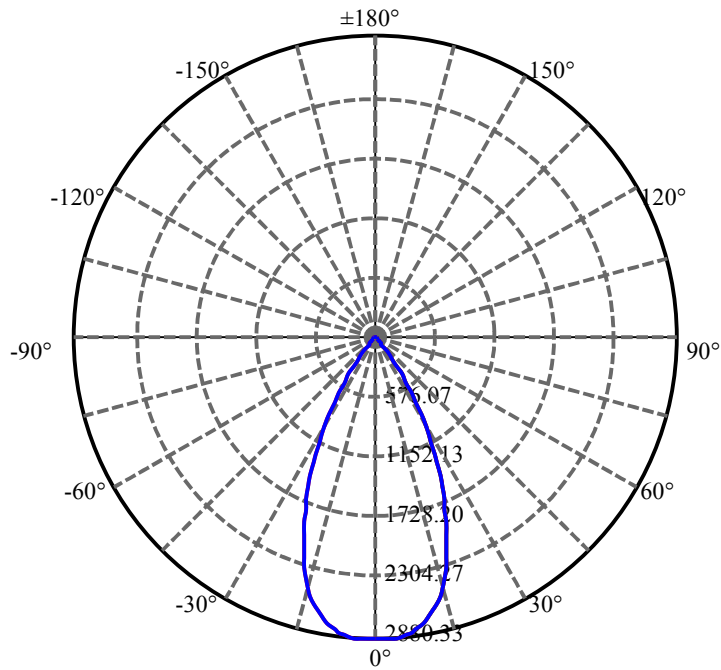
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	227.536	17.139	1879.16	0.80%	95.54%
39.0	171.702	13.627	1892.787	0.64%	96.23%
40.0	116.203	10.041	1902.828	0.47%	96.74%
41.0	86.130	7.205	1910.033	0.34%	97.11%
42.0	68.883	5.632	1915.665	0.26%	97.39%
43.0	57.477	4.681	1920.346	0.22%	97.63%
44.0	47.457	3.961	1924.306	0.19%	97.83%
45.0	41.150	3.405	1927.711	0.16%	98.00%
46.0	35.460	2.996	1930.707	0.14%	98.16%
47.0	30.506	2.624	1933.331	0.12%	98.29%
48.0	27.070	2.328	1935.659	0.11%	98.41%
49.0	23.982	2.096	1937.755	0.10%	98.52%
50.0	21.439	1.894	1939.649	0.09%	98.61%
51.0	19.409	1.728	1941.377	0.08%	98.70%
52.0	17.694	1.592	1942.969	0.07%	98.78%
53.0	16.229	1.476	1944.445	0.07%	98.86%
54.0	15.131	1.382	1945.827	0.06%	98.93%
55.0	13.962	1.299	1947.126	0.06%	98.99%
56.0	13.035	1.220	1948.346	0.06%	99.05%
57.0	12.221	1.155	1949.5	0.05%	99.11%
58.0	11.472	1.096	1950.596	0.05%	99.17%
59.0	10.788	1.041	1951.637	0.05%	99.22%
60.0	10.171	0.990	1952.627	0.05%	99.27%
61.0	9.606	0.944	1953.571	0.04%	99.32%
62.0	9.120	0.902	1954.473	0.04%	99.37%
63.0	8.647	0.864	1955.337	0.04%	99.41%
64.0	8.219	0.828	1956.165	0.04%	99.45%
65.0	7.819	0.794	1956.958	0.04%	99.49%
66.0	7.411	0.760	1957.718	0.04%	99.53%
67.0	7.076	0.728	1958.447	0.03%	99.57%
68.0	6.708	0.698	1959.145	0.03%	99.60%
69.0	6.386	0.668	1959.813	0.03%	99.64%
70.0	6.064	0.639	1960.452	0.03%	99.67%
71.0	5.729	0.610	1961.062	0.03%	99.70%
72.0	5.394	0.578	1961.64	0.03%	99.73%
73.0	5.131	0.550	1962.191	0.03%	99.76%
74.0	4.796	0.522	1962.712	0.02%	99.78%
75.0	4.507	0.492	1963.204	0.02%	99.81%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.192	0.462	1963.666	0.02%	99.83%
77.0	3.883	0.431	1964.096	0.02%	99.85%
78.0	3.587	0.400	1964.496	0.02%	99.87%
79.0	3.226	0.366	1964.862	0.02%	99.89%
80.0	2.937	0.332	1965.195	0.02%	99.91%
81.0	2.602	0.300	1965.494	0.01%	99.93%
82.0	2.339	0.268	1965.762	0.01%	99.94%
83.0	2.043	0.238	1966	0.01%	99.95%
84.0	1.767	0.208	1966.208	0.01%	99.96%
85.0	1.577	0.183	1966.39	0.01%	99.97%
86.0	1.334	0.159	1966.549	0.01%	99.98%
87.0	1.130	0.135	1966.684	0.01%	99.99%
88.0	0.907	0.112	1966.796	0.01%	99.99%
89.0	0.742	0.090	1966.886	0.00%	100.00%
90.0	0.637	0.076	1966.962	0.00%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1614.45	75.55%	82.08%
0-40	1902.83	89.04%	96.74%
0-60	1952.63	91.37%	99.27%
0-90	1966.89	92.04%	100.00%
0-120	1966.89	92.04%	100.00%
0-180	1966.96	92.04%	100.00%
60-90	14.26	0.67%	0.72%
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%
0-29.25	1573.57	73.63%	80.00%

ZONAL LUMEN SUMMARY

0-10	270.32
10-20	681.02
20-30	663.11
30-40	288.37
40-50	36.82
50-60	12.98
60-70	7.83
70-80	4.74
80-90	1.69
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: —————

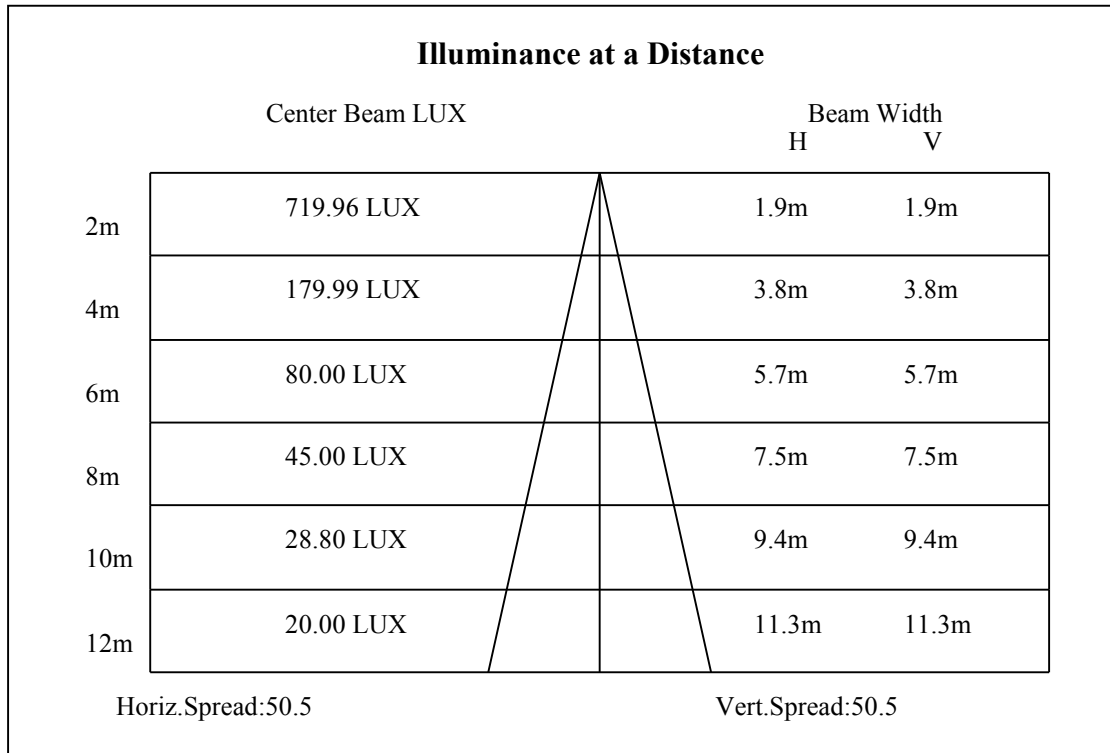
C90/C270: —————

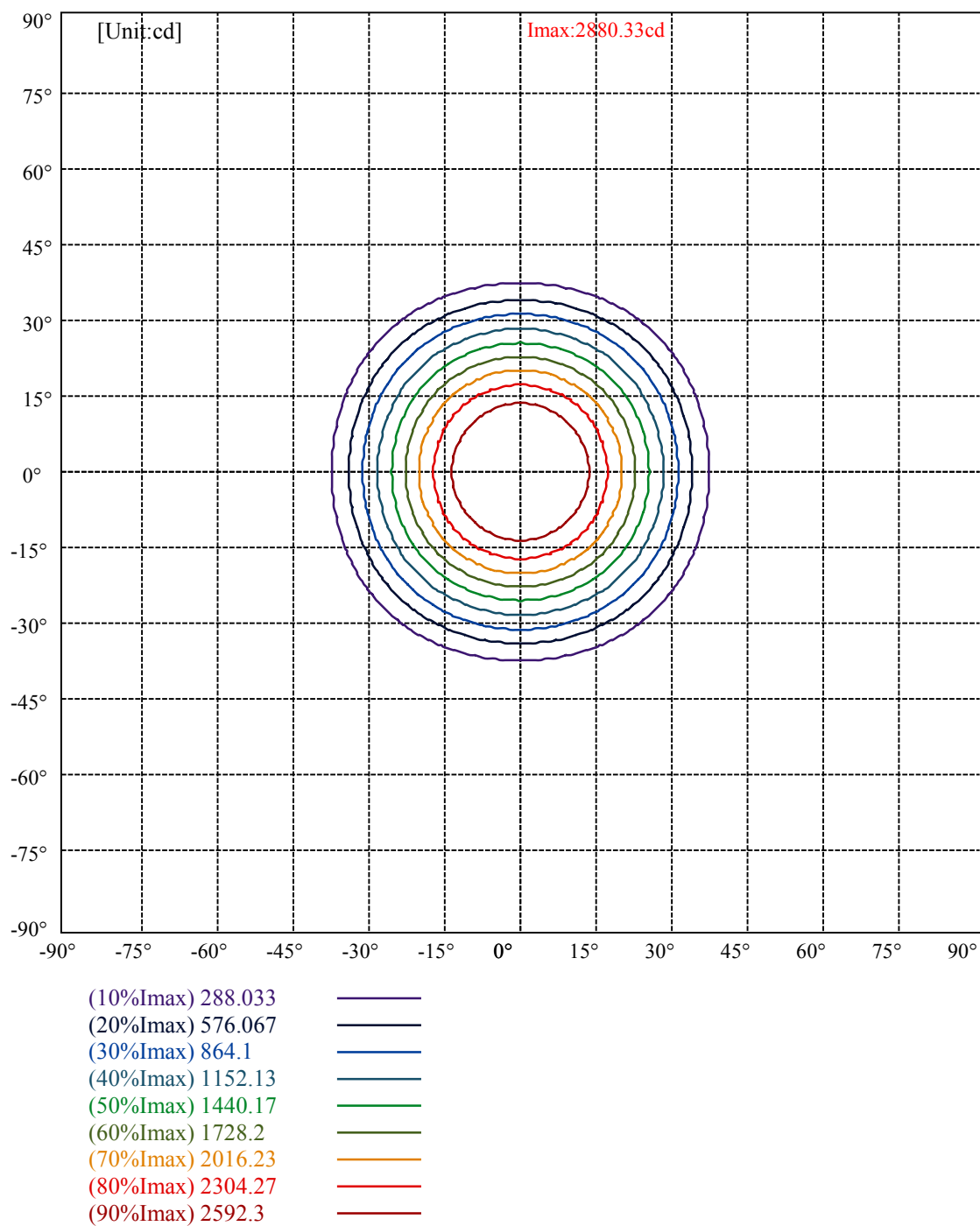
Field angle(10%Imax):C0/180Left:40.0 Right:34.0

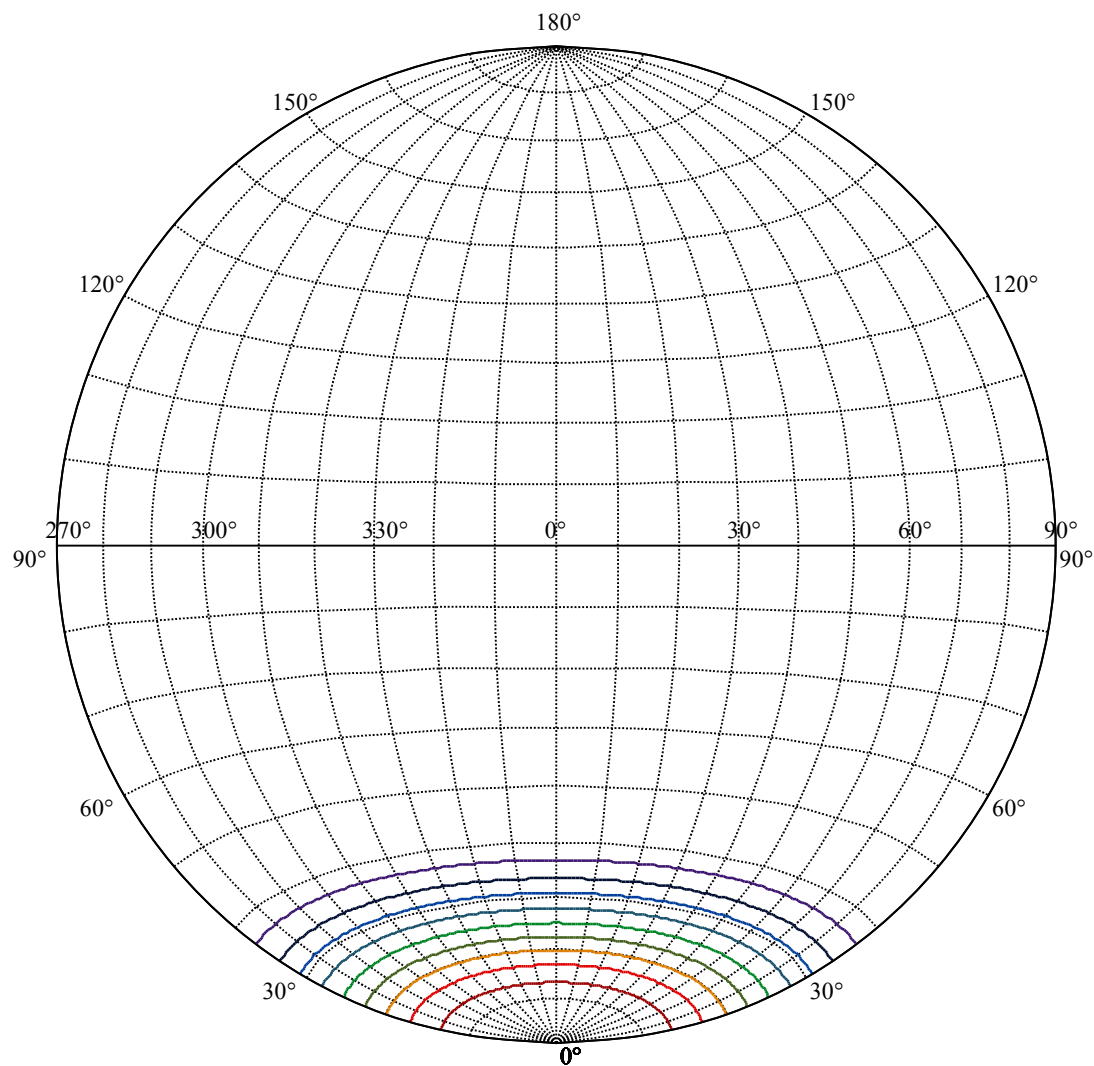
:C90/270Left:40.0 Right:34.0

Beam Angle(50%Imax):C0/180Left:28.2 Right:22.2

:C90/270Left:28.2 Right:22.2





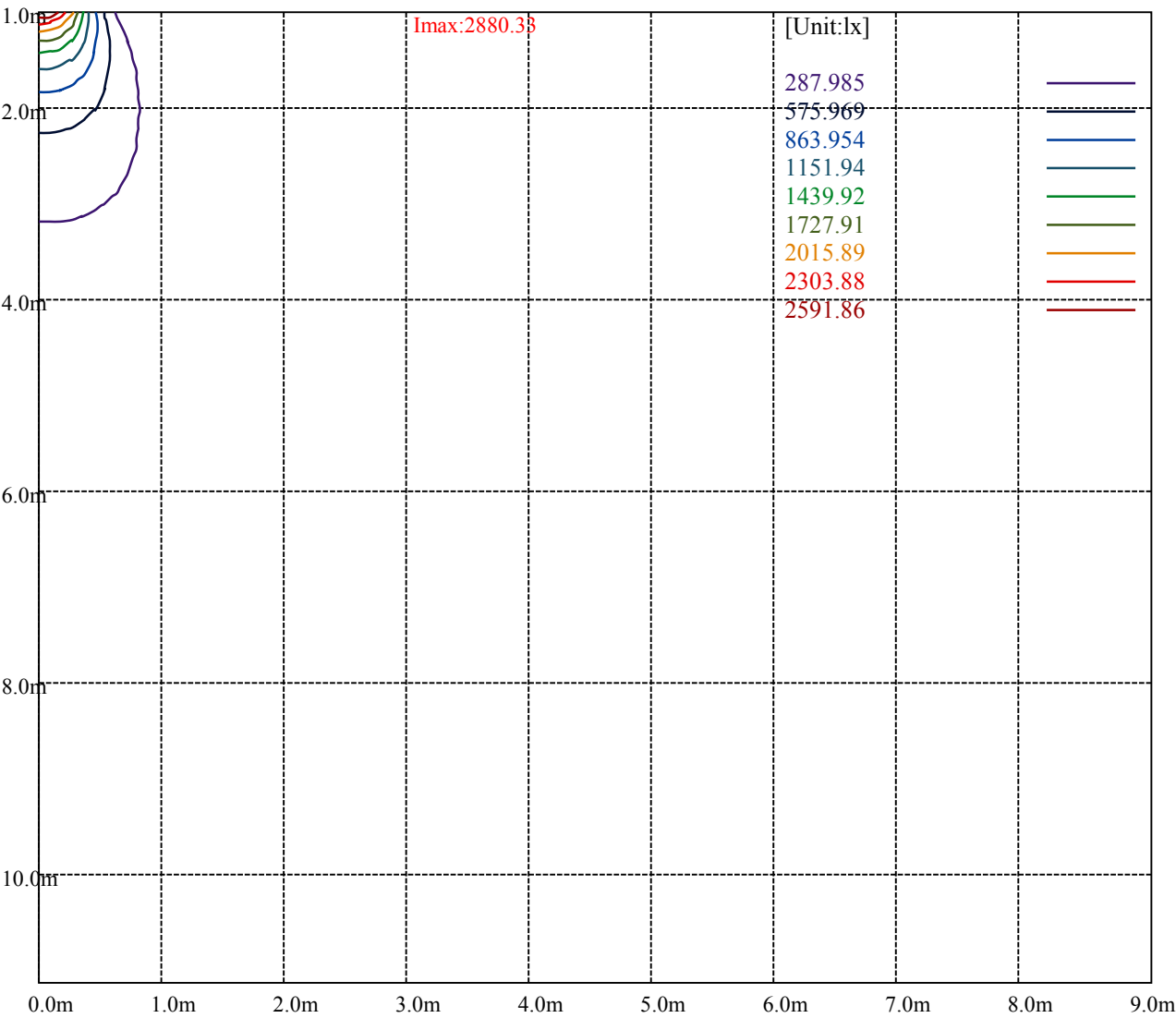


House

[Unit:cd]

Road

Imax:2880.33	
(10%Imax) 288.033	_____
(20%Imax) 576.067	_____
(30%Imax) 864.1	_____
(40%Imax) 1152.13	_____
(50%Imax) 1440.17	_____
(60%Imax) 1728.2	_____
(70%Imax) 2016.23	_____
(80%Imax) 2304.27	_____
(90%Imax) 2592.3	_____



Luminance Table

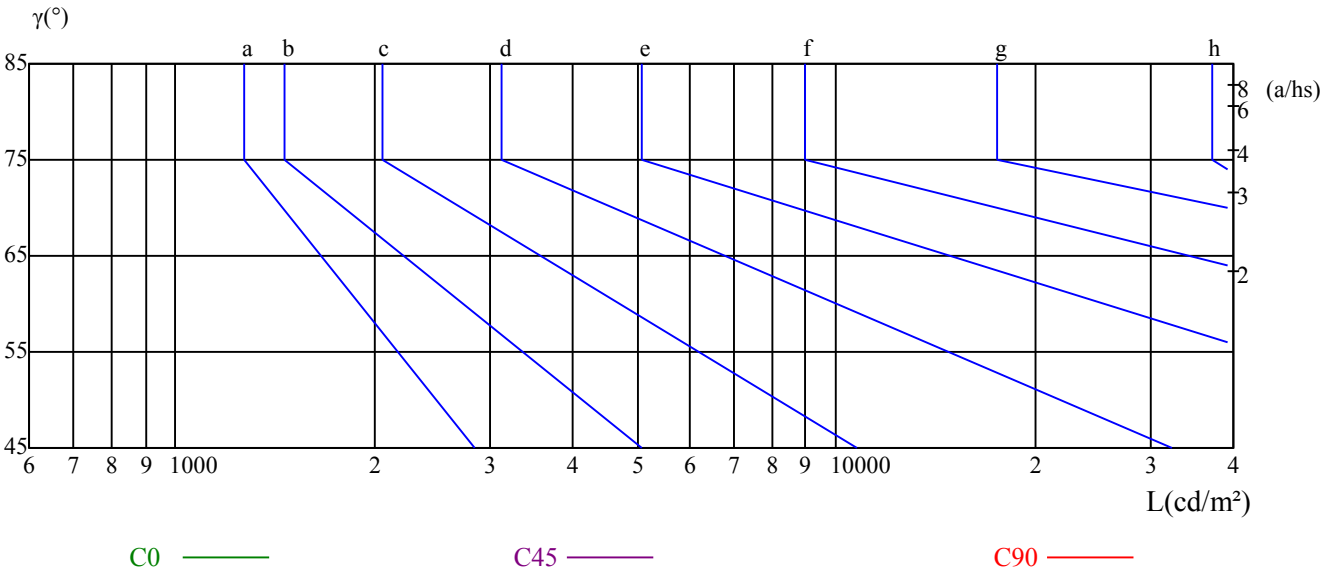
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

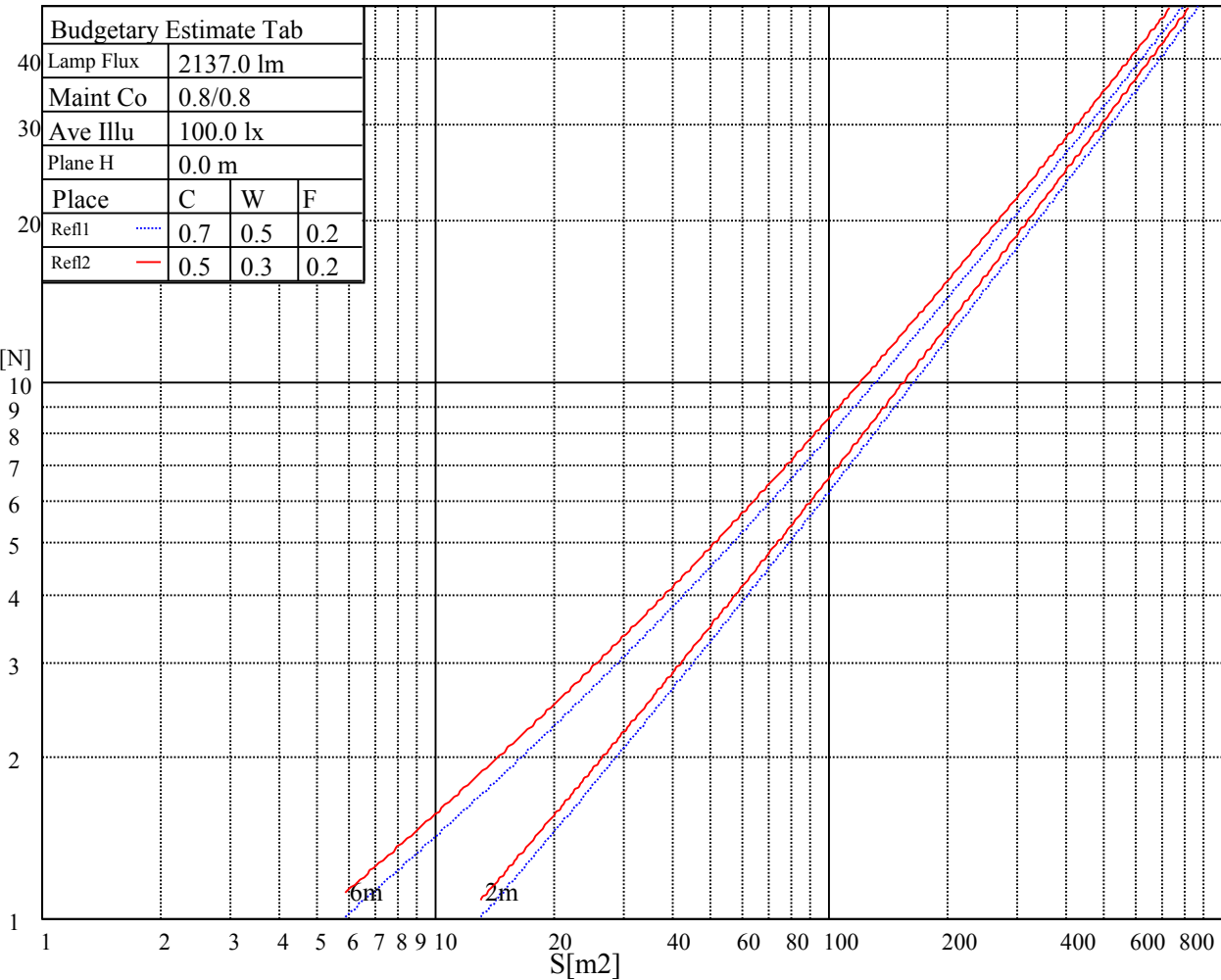
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

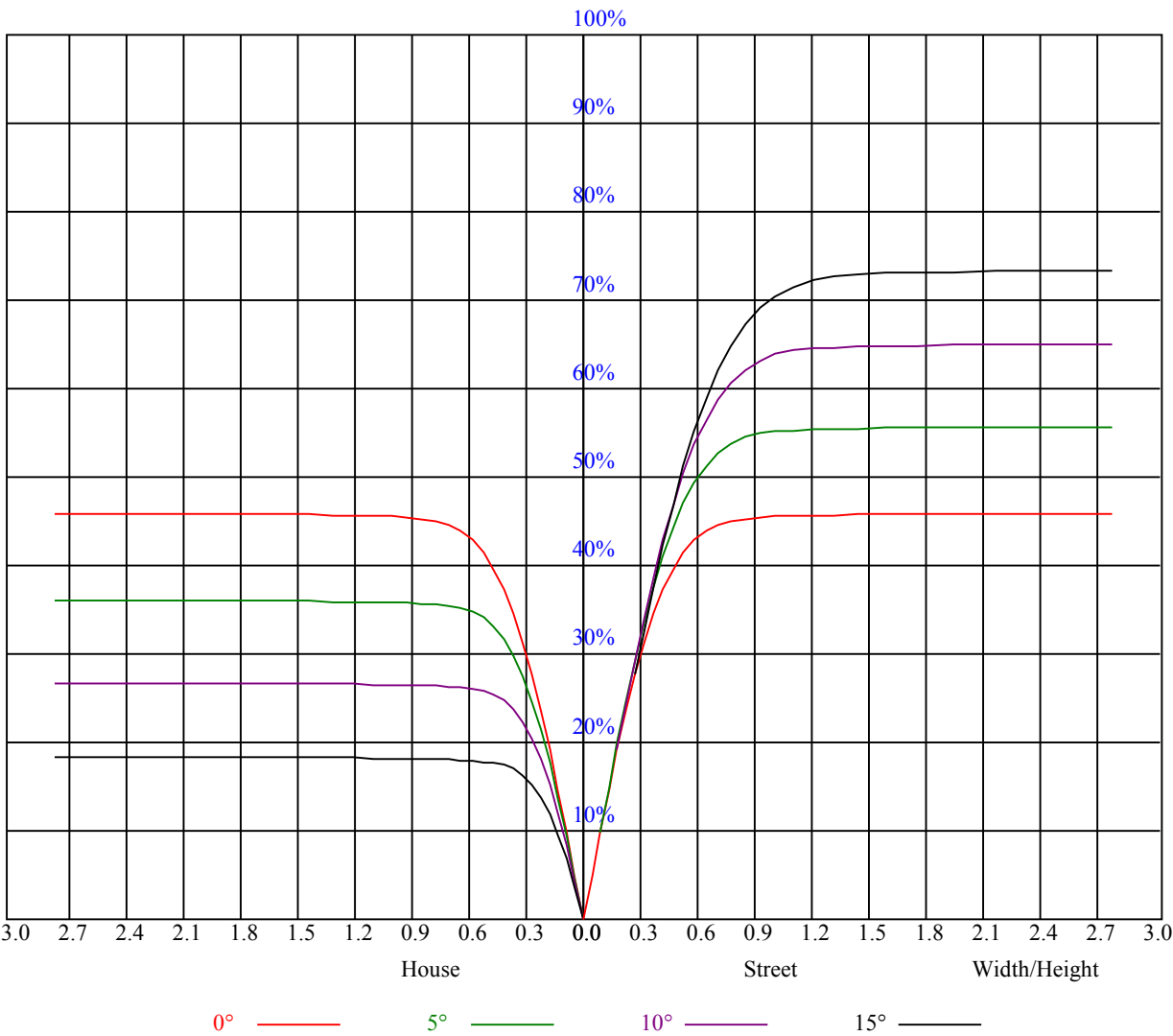


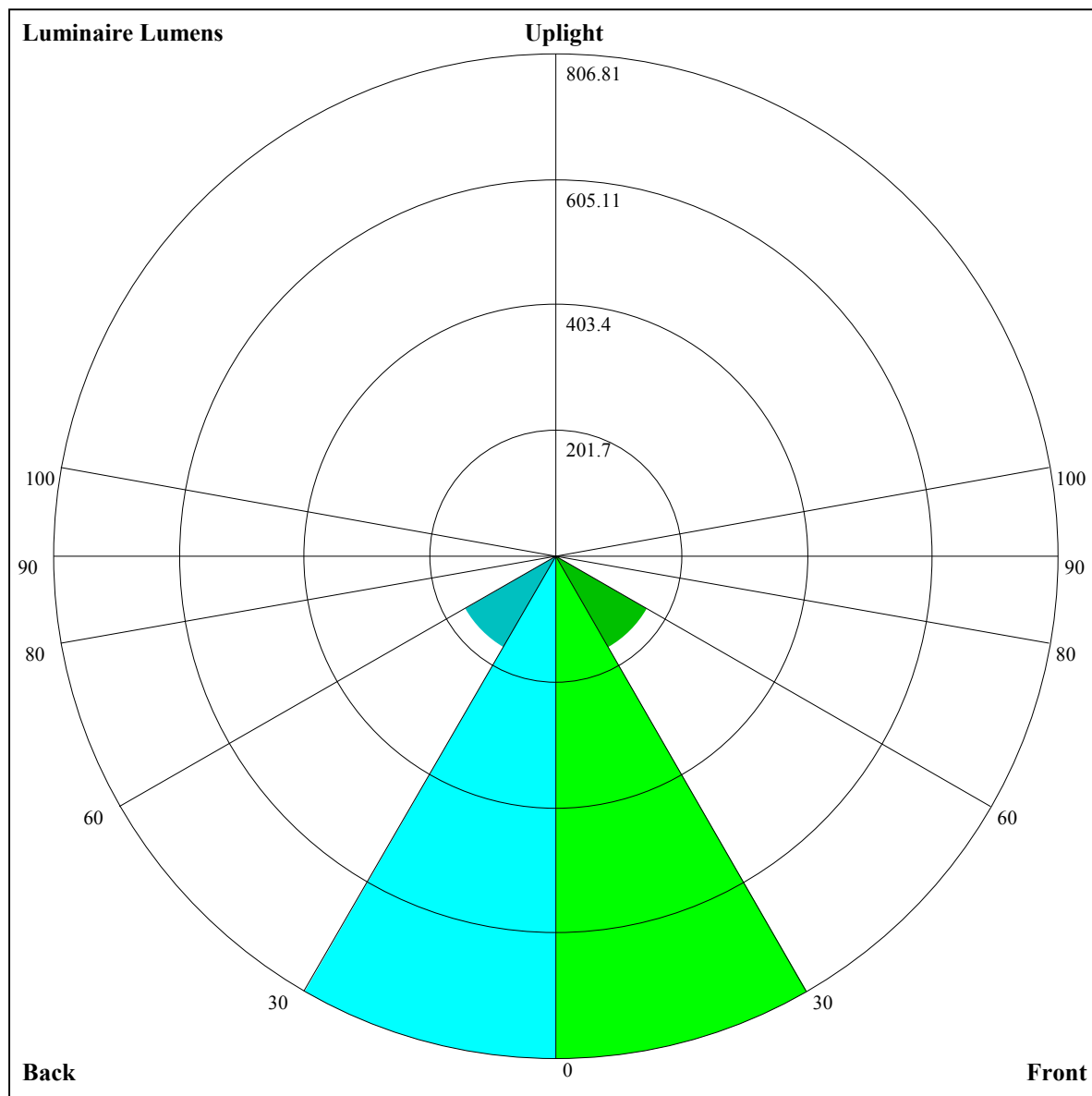
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.10	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	1.02	1.00	0.98	1.00	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87
2	0.96	0.93	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.83	0.81	0.84	0.82	0.79	0.82	0.80	0.78	0.77
4	0.85	0.80	0.77	0.84	0.80	0.76	0.82	0.78	0.75	0.80	0.77	0.75	0.79	0.76	0.74	0.72
5	0.80	0.75	0.72	0.79	0.75	0.71	0.78	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.68
6	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.71	0.68	0.66	0.65
7	0.72	0.67	0.63	0.71	0.67	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.62	0.61
8	0.68	0.63	0.60	0.68	0.63	0.60	0.67	0.63	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.58
9	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.55
10	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.53	0.60	0.56	0.53	0.52





Luminaire Lumens:

FL=806.81,FM=170.15,FH=6.29,FVH=0.89

BL=806.81,BM=170.15,BH=6.29,BVH=0.89

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	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
45.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
90.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
135.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
180.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
225.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
270.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
315.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
360.0	2879.85	2879.78	2880.20	2880.33	2879.85	2871.15	2857.13	2841.06	2815.84
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
45.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
90.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
135.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
180.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
225.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
270.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
315.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
360.0	2787.01	2753.23	2714.31	2667.22	2616.80	2549.87	2479.47	2400.27	2303.19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
45.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
90.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
135.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
180.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
225.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
270.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
315.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
360.0	2213.91	2107.55	2004.61	1888.53	1781.69	1671.36	1567.94	1465.15	1332.57
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
45.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
90.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
135.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
180.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
225.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
270.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
315.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
360.0	1255.46	1143.91	1061.53	958.96	849.06	738.08	631.74	540.91	434.90
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
45.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
90.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
135.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
180.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
225.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
270.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
315.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46
360.0	348.48	285.93	227.54	171.70	116.20	86.13	68.88	57.48	47.46

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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	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
45.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
90.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
135.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
180.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
225.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
270.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
315.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23
360.0	41.15	35.46	30.51	27.07	23.98	21.44	19.41	17.69	16.23

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
45.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
90.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
135.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
180.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
225.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
270.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
315.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12
360.0	15.13	13.96	13.04	12.22	11.47	10.79	10.17	9.61	9.12

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
45.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
90.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
135.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
180.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
225.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
270.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
315.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73
360.0	8.65	8.22	7.82	7.41	7.08	6.71	6.39	6.06	5.73

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
45.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
90.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
135.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
180.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
225.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
270.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
315.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94
360.0	5.39	5.13	4.80	4.51	4.19	3.88	3.59	3.23	2.94

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
45.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
90.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
135.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
180.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
225.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
270.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
315.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74
360.0	2.60	2.34	2.04	1.77	1.58	1.33	1.13	0.91	0.74

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.64
45.0	0.64
90.0	0.64
135.0	0.64
180.0	0.64
225.0	0.64
270.0	0.64
315.0	0.64
360.0	0.64