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Nata

Client:

LumCAT: 2-2752-L

Luminaire: 92.70.412.00

Report No: 2024820-B014

Ballast type: AC

Test No: 2024820-C014

Voltage(V): 34.880

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.362

Lamp flux(lm): 2137.0

Power (W): 12.620

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1982.26, Efficiency(%): 92.76% , Luminous Efficacy(lm/W): 157.07

Central intensity(cd): 7223.914, Maximum intensity(cd): 7223.914

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.8

[C90/270]Total=24.8

Field angle(10%Imax): [C0/180]Total=55.6

[C90/270]Total=55.6

Maximum s/h(1/2): C0_180=0.42 C90_270=0.42

Maximum s/h(1/4): C0_180=0.44 C90_270=0.44

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.76%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.050%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/20
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7223.914	0.000	0	0.00%	0.00%
1.0	7177.455	6.891	6.891	0.32%	0.35%
2.0	7065.399	20.443	27.333	0.96%	1.38%
3.0	6907.718	33.419	60.753	1.56%	3.06%
4.0	6677.409	45.474	106.226	2.13%	5.36%
5.0	6414.616	56.321	162.548	2.64%	8.20%
6.0	6091.895	65.725	228.273	3.08%	11.52%
7.0	5736.987	73.422	301.694	3.44%	15.22%
8.0	5356.230	79.392	381.086	3.72%	19.22%
9.0	4966.834	83.663	464.749	3.91%	23.45%
10.0	4568.680	86.293	551.042	4.04%	27.80%
11.0	4166.196	87.279	638.321	4.08%	32.20%
12.0	3769.500	86.749	725.07	4.06%	36.58%
13.0	3384.572	84.901	809.971	3.97%	40.86%
14.0	3020.879	81.989	891.96	3.84%	45.00%
15.0	2683.237	78.309	970.269	3.66%	48.95%
16.0	2376.804	74.144	1044.412	3.47%	52.69%
17.0	2103.157	69.765	1114.177	3.26%	56.21%
18.0	1875.220	65.595	1179.772	3.07%	59.52%
19.0	1682.368	61.895	1241.667	2.90%	62.64%
20.0	1472.460	57.742	1299.409	2.70%	65.55%
21.0	1349.976	54.196	1353.605	2.54%	68.29%
22.0	1236.257	51.971	1405.577	2.43%	70.91%
23.0	1114.785	49.331	1454.908	2.31%	73.40%
24.0	1037.419	47.055	1501.963	2.20%	75.77%
25.0	951.375	45.221	1547.184	2.12%	78.05%
26.0	866.788	42.918	1590.102	2.01%	80.22%
27.0	783.674	40.379	1630.481	1.89%	82.25%
28.0	703.102	37.642	1668.123	1.76%	84.15%
29.0	624.751	34.740	1702.863	1.63%	85.91%
30.0	548.194	31.669	1734.532	1.48%	87.50%
31.0	474.935	28.472	1763.005	1.33%	88.94%
32.0	407.070	25.268	1788.273	1.18%	90.21%
33.0	345.395	22.168	1810.441	1.04%	91.33%
34.0	296.617	19.429	1829.87	0.91%	92.31%
35.0	252.320	17.048	1846.918	0.80%	93.17%
36.0	216.098	14.914	1861.833	0.70%	93.92%
37.0	193.167	13.348	1875.18	0.62%	94.60%

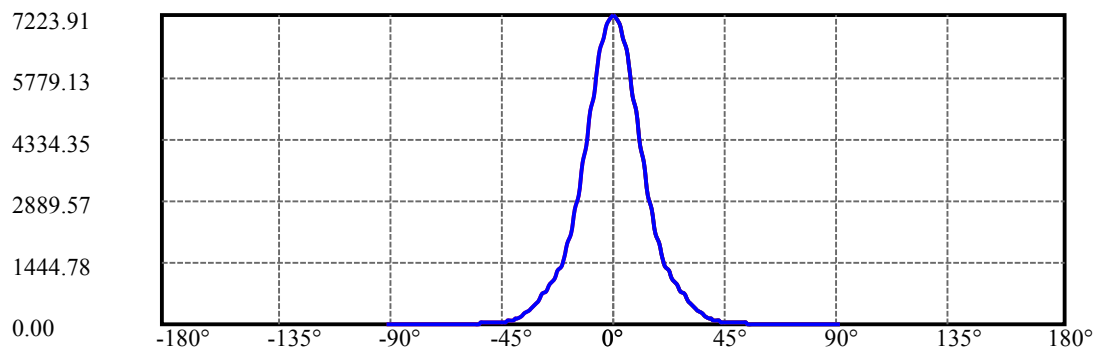
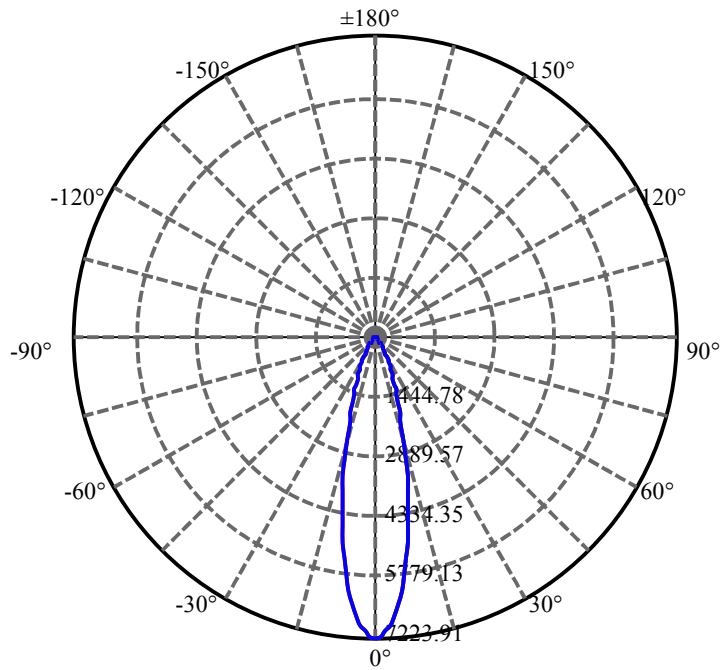
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	148.831	11.415	1886.596	0.53%	95.17%
39.0	128.489	9.466	1896.062	0.44%	95.65%
40.0	108.436	8.263	1904.325	0.39%	96.07%
41.0	90.907	7.099	1911.423	0.33%	96.43%
42.0	75.513	6.046	1917.47	0.28%	96.73%
43.0	63.601	5.153	1922.623	0.24%	96.99%
44.0	54.087	4.442	1927.065	0.21%	97.22%
45.0	46.183	3.853	1930.918	0.18%	97.41%
46.0	40.059	3.373	1934.291	0.16%	97.58%
47.0	35.394	3.001	1937.292	0.14%	97.73%
48.0	31.866	2.719	1940.011	0.13%	97.87%
49.0	29.133	2.505	1942.516	0.12%	97.99%
50.0	26.958	2.339	1944.854	0.11%	98.11%
51.0	25.191	2.206	1947.061	0.10%	98.22%
52.0	23.778	2.101	1949.162	0.10%	98.33%
53.0	22.556	2.016	1951.177	0.09%	98.43%
54.0	21.518	1.943	1953.12	0.09%	98.53%
55.0	20.526	1.877	1954.997	0.09%	98.62%
56.0	19.580	1.812	1956.809	0.08%	98.72%
57.0	18.673	1.749	1958.558	0.08%	98.80%
58.0	17.799	1.687	1960.245	0.08%	98.89%
59.0	16.866	1.621	1961.865	0.08%	98.97%
60.0	16.005	1.553	1963.418	0.07%	99.05%
61.0	15.131	1.486	1964.904	0.07%	99.12%
62.0	14.172	1.412	1966.316	0.07%	99.20%
63.0	13.318	1.337	1967.653	0.06%	99.26%
64.0	12.405	1.262	1968.915	0.06%	99.33%
65.0	11.531	1.185	1970.1	0.06%	99.39%
66.0	10.736	1.111	1971.211	0.05%	99.44%
67.0	9.915	1.038	1972.249	0.05%	99.49%
68.0	9.198	0.968	1973.217	0.05%	99.54%
69.0	8.469	0.901	1974.119	0.04%	99.59%
70.0	7.786	0.835	1974.953	0.04%	99.63%
71.0	7.109	0.770	1975.723	0.04%	99.67%
72.0	6.511	0.708	1976.432	0.03%	99.71%
73.0	5.946	0.651	1977.083	0.03%	99.74%
74.0	5.460	0.600	1977.683	0.03%	99.77%
75.0	5.046	0.555	1978.238	0.03%	99.80%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.606	0.512	1978.75	0.02%	99.82%
77.0	4.218	0.470	1979.221	0.02%	99.85%
78.0	3.824	0.430	1979.651	0.02%	99.87%
79.0	3.482	0.393	1980.044	0.02%	99.89%
80.0	3.147	0.357	1980.401	0.02%	99.91%
81.0	2.812	0.322	1980.723	0.02%	99.92%
82.0	2.477	0.287	1981.01	0.01%	99.94%
83.0	2.188	0.254	1981.264	0.01%	99.95%
84.0	1.886	0.222	1981.486	0.01%	99.96%
85.0	1.590	0.190	1981.675	0.01%	99.97%
86.0	1.373	0.162	1981.837	0.01%	99.98%
87.0	1.170	0.139	1981.976	0.01%	99.99%
88.0	0.920	0.114	1982.091	0.01%	99.99%
89.0	0.762	0.092	1982.183	0.00%	100.00%
90.0	0.644	0.077	1982.26	0.00%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1734.53	81.17%	87.50%
0-40	1904.32	89.11%	96.07%
0-60	1963.42	91.88%	99.05%
0-90	1982.18	92.76%	100.00%
0-120	1982.18	92.76%	100.00%
0-180	1982.26	92.76%	100.00%
60-90	18.76	0.88%	0.95%
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%
0-25.90	1585.81	74.21%	80.00%

ZONAL LUMEN SUMMARY

0-10	551.04
10-20	748.37
20-30	435.12
30-40	169.79
40-50	40.53
50-60	18.56
60-70	11.54
70-80	5.45
80-90	1.78
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:

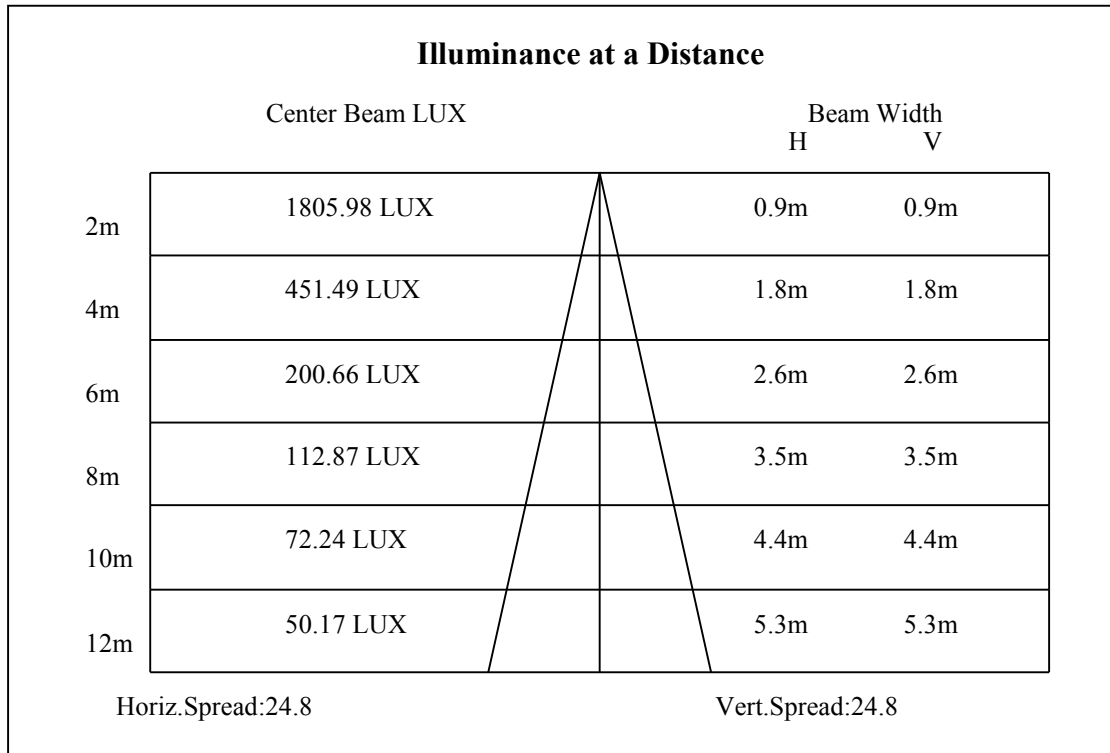
C90/C270:

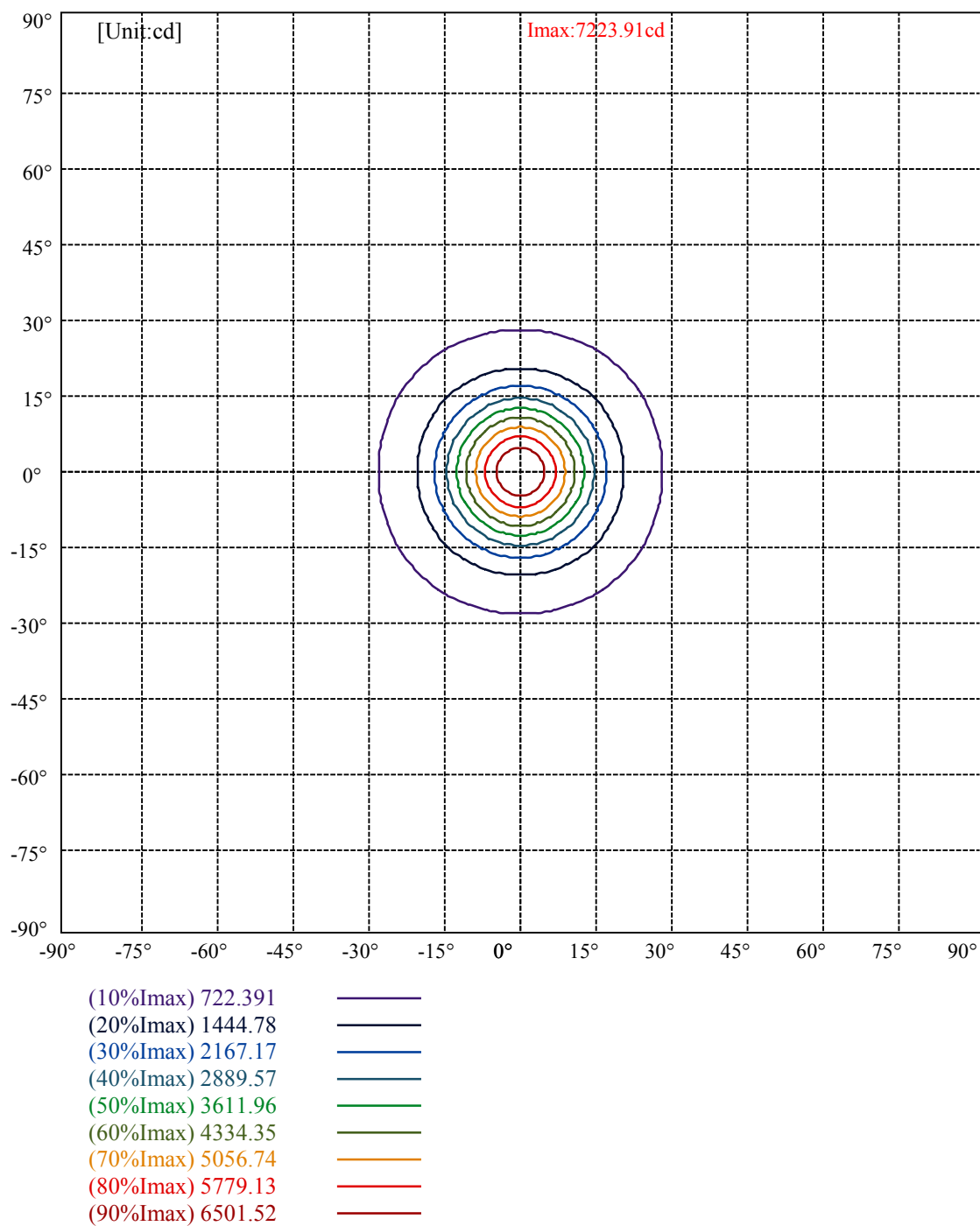
Field angle(10%Imax):C0/180Left:27.8 Right:27.8

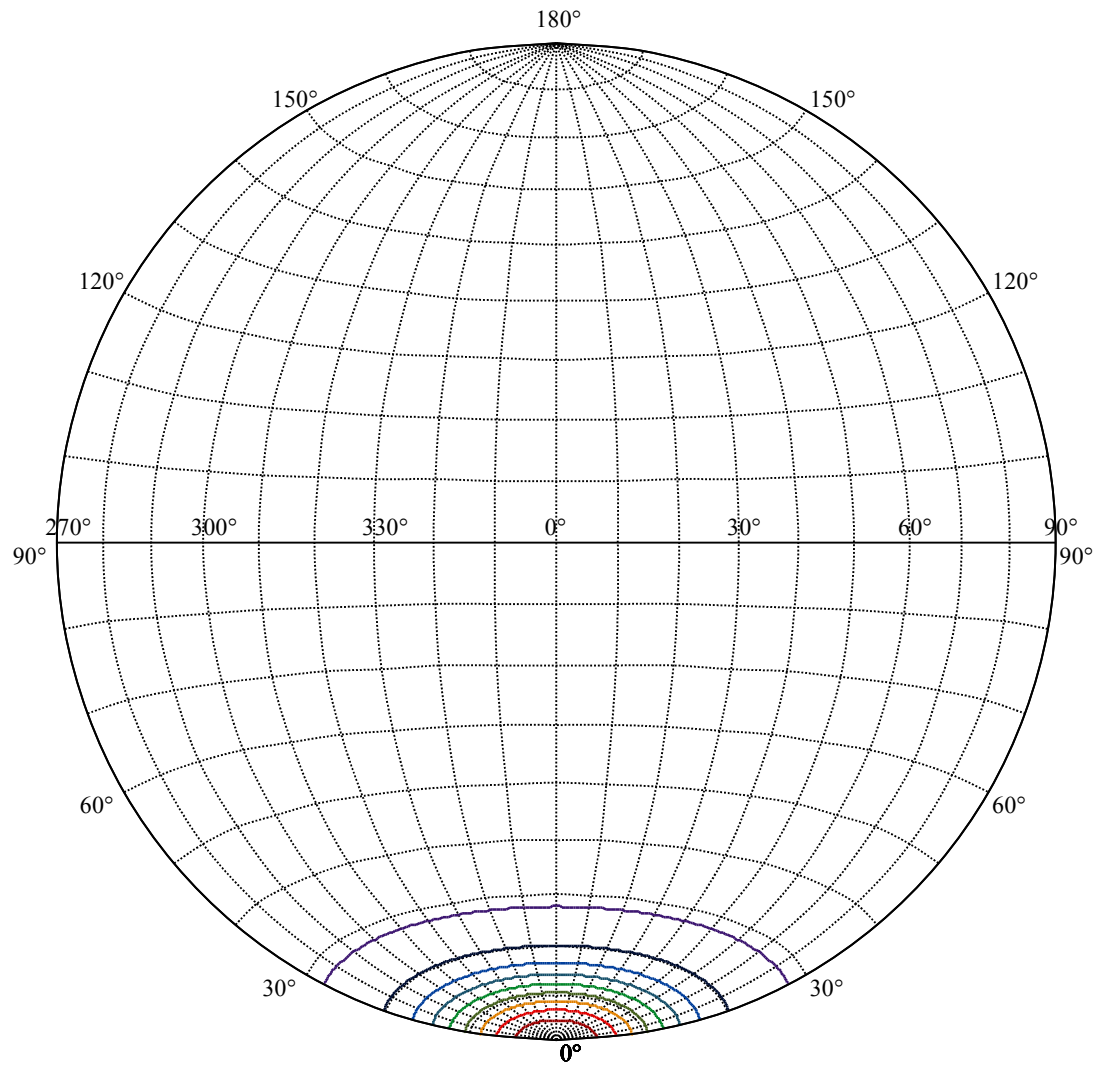
:C90/270Left:27.8 Right:27.8

Beam Angle(50%Imax):C0/180Left:12.4 Right:12.4

:C90/270Left:12.4 Right:12.4





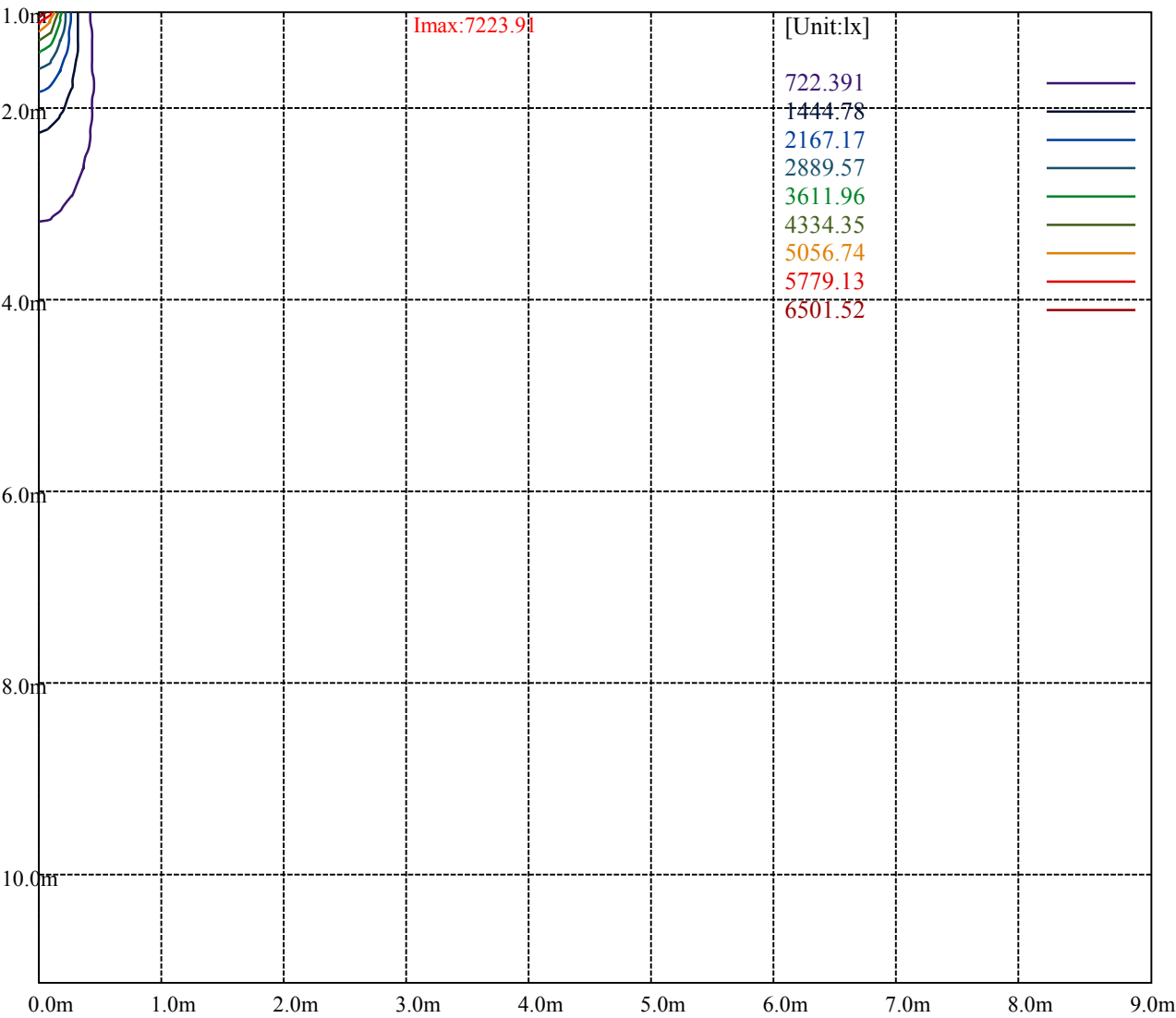


House

[Unit:cd]

Road

Imax:7223.91	
(10%Imax) 722.391	—
(20%Imax) 1444.78	—
(30%Imax) 2167.17	—
(40%Imax) 2889.57	—
(50%Imax) 3611.96	—
(60%Imax) 4334.35	—
(70%Imax) 5056.74	—
(80%Imax) 5779.13	—
(90%Imax) 6501.52	—



Luminance Limiting Curve(no luminous side)

Luminance Table

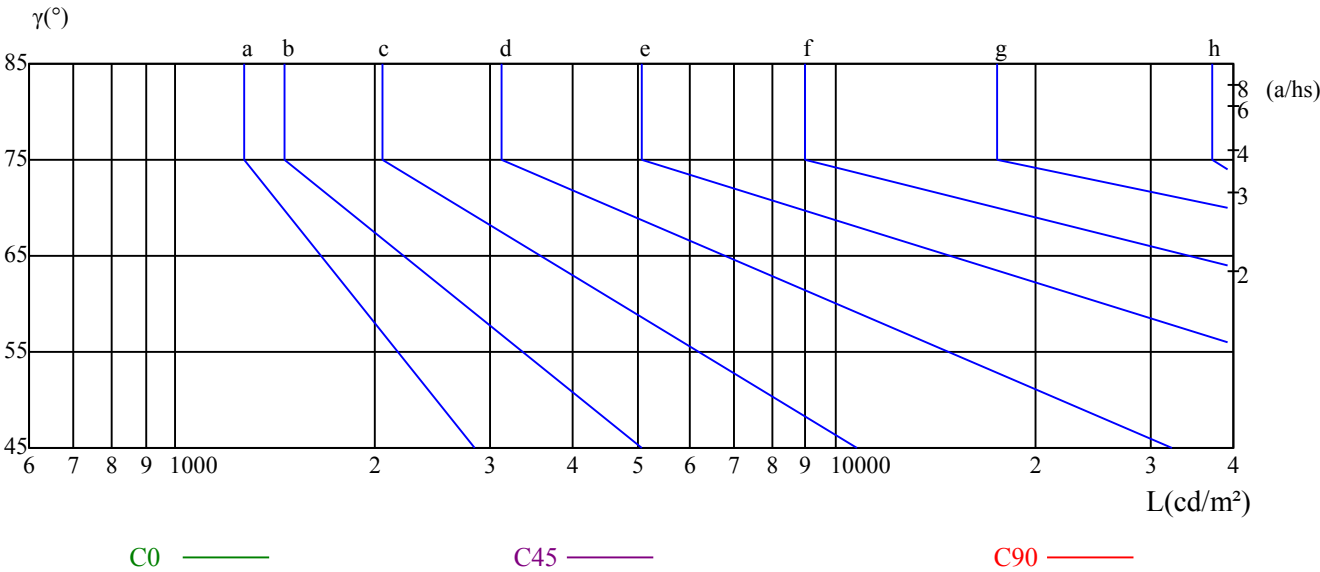
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

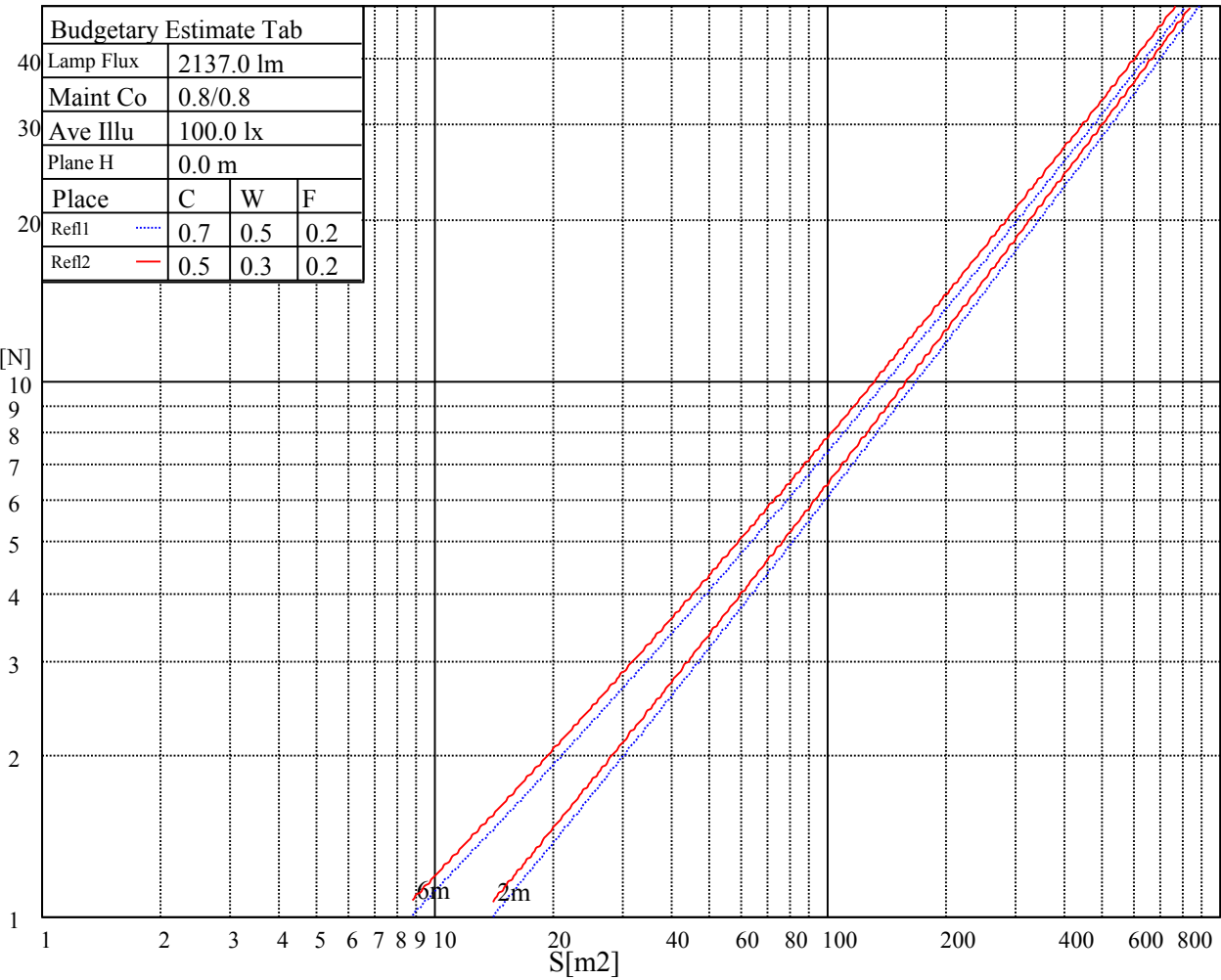
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

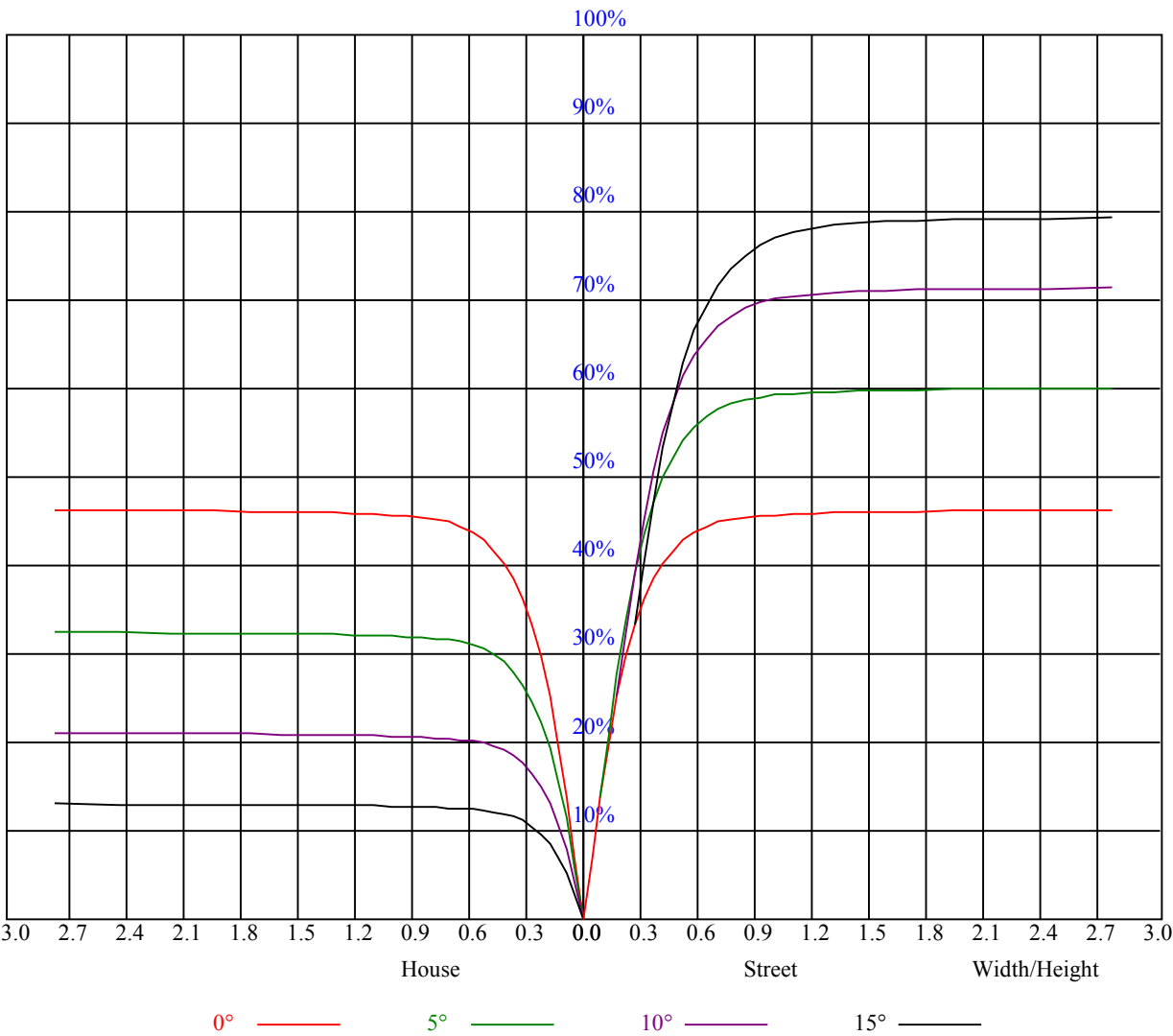


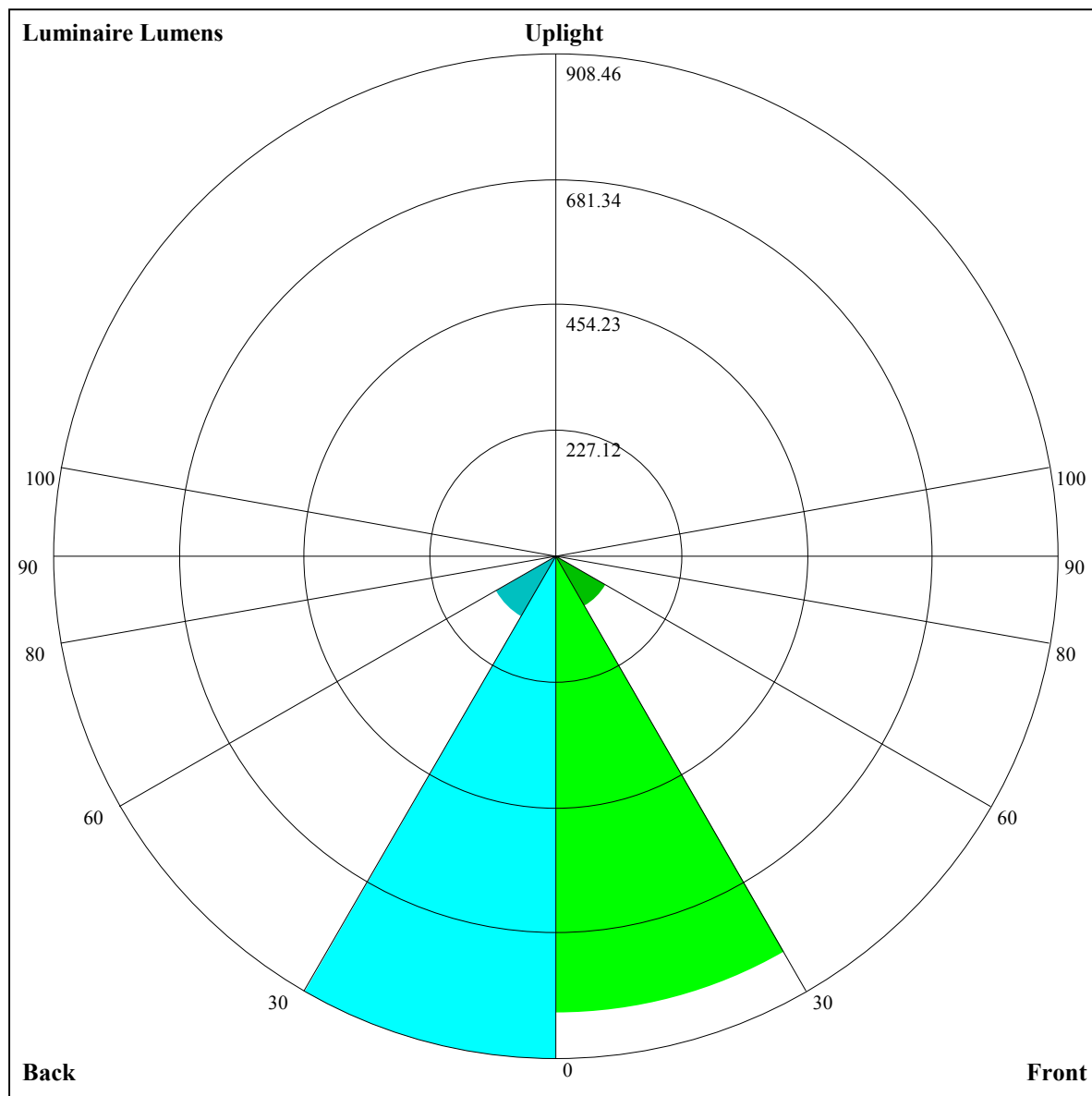
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.08	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	1.02	1.00	1.02	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.88
2	0.98	0.95	0.92	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.88	0.89	0.87	0.86	0.84
3	0.93	0.89	0.86	0.92	0.89	0.86	0.90	0.87	0.84	0.87	0.85	0.83	0.85	0.84	0.82	0.81
4	0.89	0.85	0.81	0.88	0.84	0.81	0.86	0.83	0.80	0.84	0.81	0.79	0.83	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	0.76	0.73	0.79	0.76	0.73	0.78	0.75	0.72	0.77	0.74	0.72	0.71
7	0.78	0.74	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.70	0.74	0.71	0.69	0.68
8	0.75	0.71	0.68	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.67	0.66
9	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.70	0.67	0.64	0.63
10	0.70	0.65	0.63	0.69	0.65	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.61





Luminaire Lumens:

FL=825.3,FM=105.73,FH=8.22,FVH=0.88

BL=908.46,BM=126.37,BH=8.81,BVH=0.99

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	7144.77	6934.73	6702.40	6536.36	6232.70	5899.51	5533.46	5159.64	4763.48
45.0	7260.14	7147.61	6967.05	6725.27	6449.47	6139.09	5802.58	5433.18	5033.70
90.0	7162.64	7014.41	6704.08	6462.82	6137.46	5792.55	5429.86	5050.99	4638.69
135.0	7328.11	7264.56	7193.81	6931.94	6661.19	6472.86	6139.09	5784.19	5422.61
180.0	7144.77	7191.02	7206.11	7147.03	7012.73	6806.58	6535.83	6226.61	5878.91
225.0	7260.14	7285.74	7231.13	7158.70	7003.85	6771.47	6477.86	6136.30	5763.01
270.0	7162.64	7282.43	7325.90	7298.04	7175.99	6984.87	6719.70	6399.33	6033.81
315.0	7328.11	7299.14	7192.71	7001.59	6745.87	6450.00	6096.78	5705.66	5315.65
360.0	7144.77	6934.73	6702.40	6536.36	6232.70	5899.51	5533.46	5159.64	4763.48
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4362.32	3961.74	3564.47	3187.28	2834.01	2505.29	2216.67	1957.06	1743.08
45.0	4620.82	4218.04	3810.73	3422.40	3042.42	2690.25	2374.93	2102.45	1862.87
90.0	4238.06	3831.91	3437.43	3062.45	2704.76	2385.50	2109.18	1870.12	1670.65
135.0	5045.42	4645.89	4247.52	3850.83	3463.08	3079.74	2720.90	2397.22	2120.84
180.0	5524.58	5157.38	4754.02	4346.71	3943.87	3548.86	3169.41	2816.77	2489.15
225.0	5367.42	4963.48	4547.29	4129.99	3733.30	3361.63	3003.42	2662.97	2338.14
270.0	5662.72	5271.60	4877.12	4459.24	4044.74	3655.30	3270.28	2914.28	2577.72
315.0	4913.33	4499.40	4090.99	3697.09	3310.39	2940.45	2601.11	2293.56	2022.82
360.0	4362.32	3961.74	3564.47	3187.28	2834.01	2505.29	2216.67	1957.06	1743.08
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1550.33	1387.65	1106.07	1067.96	1067.96	971.46	887.10	804.42	723.63
45.0	1662.29	1556.43	1398.79	1265.07	1149.70	1047.78	955.85	868.91	783.65
90.0	1501.87	1359.21	1096.98	1078.48	1078.48	986.07	903.55	823.02	746.33
135.0	1880.74	1678.48	1509.07	1369.78	1249.46	1146.91	1052.77	966.41	898.45
180.0	2199.43	1953.70	1780.98	1560.90	1432.22	1299.61	1183.71	1082.31	988.70
225.0	2055.67	1806.05	1600.48	1435.01	1327.47	1077.22	1077.22	1021.87	931.88
270.0	2272.38	2109.18	1780.45	1661.19	1494.04	1298.50	1224.92	1119.63	1023.23
315.0	1879.06	1608.25	1506.86	1361.42	1090.72	1090.72	1014.25	924.42	838.42
360.0	1550.33	1387.65	1106.07	1067.96	1067.96	971.46	887.10	804.42	723.63
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	647.15	570.20	499.87	431.07	370.41	316.27	267.91	224.81	187.75
45.0	703.97	625.97	551.91	475.01	403.10	338.50	284.47	284.47	197.21
90.0	671.91	599.00	521.00	441.42	368.99	308.96	259.40	218.08	182.81
135.0	815.98	737.98	656.61	579.19	502.29	424.28	354.64	294.46	294.46
180.0	901.24	812.09	727.94	647.15	566.36	490.04	418.71	358.53	307.28
225.0	844.63	761.95	683.52	609.83	541.39	476.79	411.98	347.91	291.88
270.0	931.30	844.42	764.15	686.15	607.04	530.72	455.51	383.60	320.68
315.0	753.22	673.22	593.01	515.74	439.90	370.99	310.54	261.08	236.48
360.0	647.15	570.20	499.87	431.07	370.41	316.27	267.91	224.81	187.75
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	156.37	129.62	107.39	88.46	73.11	65.44	54.88	43.73	40.11
45.0	178.34	150.28	117.69	105.55	88.25	73.59	61.34	51.72	44.15
90.0	153.27	127.73	106.18	91.46	75.64	60.92	52.88	44.89	38.95
135.0	207.25	174.14	156.85	121.68	108.91	90.25	69.70	62.39	52.14
180.0	297.82	297.82	189.44	171.35	143.60	120.47	100.34	83.52	69.38
225.0	245.73	206.83	175.14	157.85	132.83	110.91	92.25	77.53	65.39
270.0	288.88	288.88	194.48	170.83	144.07	120.95	101.39	84.63	70.91
315.0	201.10	170.04	143.50	120.74	101.08	84.73	71.33	60.39	51.67
360.0	156.37	129.62	107.39	88.46	73.11	65.44	54.88	43.73	40.11

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	35.16	31.54	28.91	26.86	25.07	23.60	22.55	21.60	20.60
45.0	38.32	34.01	30.70	28.28	26.39	24.70	23.34	22.29	21.39
90.0	34.53	31.06	28.54	26.75	25.18	23.71	22.39	21.50	20.66
135.0	44.10	38.16	33.75	30.33	27.91	26.18	24.55	23.18	22.02
180.0	57.87	48.94	41.73	36.32	32.33	29.54	27.28	25.28	23.71
225.0	55.24	47.04	41.00	36.43	32.75	29.80	27.44	25.76	24.34
270.0	59.61	50.57	43.63	38.42	34.43	31.17	28.75	26.96	25.28
315.0	44.63	39.16	34.90	31.54	29.01	26.96	25.23	23.65	22.44
360.0	35.16	31.54	28.91	26.86	25.07	23.60	22.55	21.60	20.60
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	19.61	18.82	18.08	17.35	16.29	15.19	14.51	13.46	12.98
45.0	20.60	19.97	18.61	17.71	17.03	16.14	15.24	14.19	13.30
90.0	19.76	18.55	17.61	16.82	16.03	14.98	13.82	13.35	12.25
135.0	21.18	20.39	19.40	18.45	17.56	16.82	15.98	14.93	13.93
180.0	22.55	21.71	20.81	19.76	18.92	17.98	17.24	16.61	15.45
225.0	22.97	21.66	20.50	19.66	18.92	18.08	16.93	15.98	14.82
270.0	23.71	22.50	21.55	20.71	19.71	18.61	17.98	17.19	16.40
315.0	21.76	20.60	20.08	18.92	17.92	17.14	16.35	15.35	14.24
360.0	19.61	18.82	18.08	17.35	16.29	15.19	14.51	13.46	12.98
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.09	10.72	10.30	9.62	8.99	8.20	7.36	6.73	6.20
45.0	12.46	11.72	10.72	9.93	9.20	8.46	7.78	7.04	6.52
90.0	11.83	10.83	9.62	9.30	8.57	7.88	7.10	6.57	5.99
135.0	12.98	12.40	11.51	10.51	9.72	9.15	8.52	7.73	6.94
180.0	14.35	13.51	12.83	11.98	10.88	10.20	9.51	8.83	8.09
225.0	14.03	13.25	12.35	11.35	10.51	9.83	9.20	8.46	7.67
270.0	15.45	14.30	13.25	12.46	11.62	10.72	9.83	9.20	8.52
315.0	13.35	12.51	11.67	10.72	9.83	9.15	8.46	7.73	6.94
360.0	12.09	10.72	10.30	9.62	8.99	8.20	7.36	6.73	6.20
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.73	5.20	4.78	4.47	4.05	3.73	3.36	3.05	2.73
45.0	5.99	5.57	5.05	4.63	4.26	3.89	3.47	3.21	2.89
90.0	5.52	5.10	4.68	4.26	3.84	3.47	3.15	2.84	2.42
135.0	6.41	5.89	5.41	4.94	4.57	4.21	3.78	3.42	3.10
180.0	7.25	6.62	6.10	5.62	5.20	4.73	4.31	3.94	3.63
225.0	7.04	6.47	5.94	5.52	4.99	4.63	4.21	3.84	3.47
270.0	7.78	6.89	6.41	5.94	5.47	4.94	4.52	4.15	3.84
315.0	6.36	5.83	5.31	4.99	4.47	4.15	3.78	3.42	3.10
360.0	5.73	5.20	4.78	4.47	4.05	3.73	3.36	3.05	2.73
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.37	2.16	1.84	1.52	1.37	1.16	1.00	0.68	0.63
45.0	2.52	2.16	1.89	1.58	1.31	1.10	0.89	0.63	0.53
90.0	2.16	1.94	1.58	1.37	1.16	0.95	0.84	0.53	0.58
135.0	2.79	2.37	2.10	1.89	1.52	1.31	1.16	0.95	0.63
180.0	3.36	2.89	2.63	2.31	1.94	1.68	1.42	1.16	0.95
225.0	3.15	2.84	2.52	2.16	1.84	1.58	1.37	1.16	1.00
270.0	3.42	3.05	2.73	2.37	2.00	1.79	1.52	1.26	1.00
315.0	2.73	2.42	2.21	1.89	1.58	1.42	1.16	1.00	0.79
360.0	2.37	2.16	1.84	1.52	1.37	1.16	1.00	0.68	0.63

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.58
45.0	0.53
90.0	0.53
135.0	0.63
180.0	0.68
225.0	0.79
270.0	0.84
315.0	0.58
360.0	0.58