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NT

Client:

LumCAT: 1-1302-L

Luminaire: 92.70.427.00

Report No: 2024730-B013

Ballast type: AC

Test No: 2024730-C013

Voltage(V): 34.400

LampCAT: Fortimo_SLM_C_1203

Current(A): 0.216

Lamp flux(lm): 1286.0

Power (W): 7.430

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1221.40, Efficiency(%): 94.98% , Luminous Efficacy(lm/W): 164.39

Central intensity(cd): 2279.071, Maximum intensity(cd): 2279.071

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50% I_{max}): [C0/180]Total=43.4

[C90/270]Total=43.4

Field angle(10% I_{max}): [C0/180]Total=67.0

[C90/270]Total=67.0

Maximum s/h(1/2): C0_180=0.70 C90_270=0.70

Maximum s/h(1/4): C0_180=0.68 C90_270=0.68

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 94.98%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.014%

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	2279.071	0.000	0	0.00%	0.00%
1.0	2274.170	2.179	2.179	0.17%	0.18%
2.0	2264.587	6.514	8.693	0.51%	0.71%
3.0	2250.907	10.800	19.493	0.84%	1.60%
4.0	2237.593	15.024	34.517	1.17%	2.83%
5.0	2217.403	19.165	53.682	1.49%	4.40%
6.0	2191.507	23.170	76.852	1.80%	6.29%
7.0	2163.562	27.032	103.884	2.10%	8.51%
8.0	2134.228	30.758	134.643	2.39%	11.02%
9.0	2100.870	34.323	168.966	2.67%	13.83%
10.0	2059.100	37.646	206.612	2.93%	16.92%
11.0	2015.793	40.717	247.329	3.17%	20.25%
12.0	1965.390	43.520	290.849	3.38%	23.81%
13.0	1908.185	45.970	336.818	3.57%	27.58%
14.0	1842.493	48.008	384.826	3.73%	31.51%
15.0	1767.584	49.561	434.387	3.85%	35.56%
16.0	1687.409	50.625	485.013	3.94%	39.71%
17.0	1600.649	51.204	536.216	3.98%	43.90%
18.0	1510.744	51.300	587.517	3.99%	48.10%
19.0	1375.681	50.218	637.734	3.90%	52.21%
20.0	1268.292	48.392	686.126	3.76%	56.18%
21.0	1209.872	47.586	733.712	3.70%	60.07%
22.0	1115.219	46.724	780.436	3.63%	63.90%
23.0	1017.202	44.744	825.18	3.48%	67.56%
24.0	916.835	42.285	867.465	3.29%	71.02%
25.0	826.777	39.646	907.111	3.08%	74.27%
26.0	743.975	37.078	944.189	2.88%	77.30%
27.0	656.257	34.257	978.446	2.66%	80.11%
28.0	570.799	31.066	1009.512	2.42%	82.65%
29.0	490.082	27.756	1037.268	2.16%	84.92%
30.0	418.260	24.525	1061.793	1.91%	86.93%
31.0	347.002	21.296	1083.089	1.66%	88.68%
32.0	287.192	18.169	1101.258	1.41%	90.16%
33.0	250.198	15.832	1117.089	1.23%	91.46%
34.0	206.219	13.813	1130.902	1.07%	92.59%
35.0	135.341	10.608	1141.51	0.82%	93.46%
36.0	98.691	7.452	1148.961	0.58%	94.07%
37.0	74.185	5.638	1154.599	0.44%	94.53%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	57.806	4.406	1159.005	0.34%	94.89%
39.0	47.425	3.592	1162.597	0.28%	95.19%
40.0	39.664	3.037	1165.634	0.24%	95.43%
41.0	34.192	2.630	1168.264	0.20%	95.65%
42.0	30.373	2.346	1170.61	0.18%	95.84%
43.0	27.535	2.145	1172.755	0.17%	96.02%
44.0	25.223	1.991	1174.746	0.15%	96.18%
45.0	23.080	1.856	1176.603	0.14%	96.33%
46.0	21.470	1.742	1178.345	0.14%	96.48%
47.0	20.051	1.651	1179.996	0.13%	96.61%
48.0	18.881	1.574	1181.57	0.12%	96.74%
49.0	17.849	1.508	1183.078	0.12%	96.86%
50.0	17.001	1.453	1184.531	0.11%	96.98%
51.0	16.218	1.405	1185.937	0.11%	97.10%
52.0	15.552	1.363	1187.3	0.11%	97.21%
53.0	14.952	1.327	1188.627	0.10%	97.32%
54.0	14.440	1.296	1189.923	0.10%	97.42%
55.0	13.972	1.268	1191.191	0.10%	97.53%
56.0	13.511	1.242	1192.433	0.10%	97.63%
57.0	13.072	1.215	1193.648	0.09%	97.73%
58.0	12.648	1.189	1194.838	0.09%	97.83%
59.0	12.239	1.163	1196.001	0.09%	97.92%
60.0	11.836	1.137	1197.139	0.09%	98.01%
61.0	11.412	1.109	1198.248	0.09%	98.10%
62.0	11.010	1.080	1199.328	0.08%	98.19%
63.0	10.622	1.052	1200.381	0.08%	98.28%
64.0	10.256	1.024	1201.405	0.08%	98.36%
65.0	9.883	0.997	1202.402	0.08%	98.44%
66.0	9.503	0.967	1203.369	0.08%	98.52%
67.0	9.144	0.938	1204.306	0.07%	98.60%
68.0	8.793	0.909	1205.215	0.07%	98.68%
69.0	8.500	0.882	1206.097	0.07%	98.75%
70.0	8.252	0.860	1206.958	0.07%	98.82%
71.0	8.083	0.844	1207.802	0.07%	98.89%
72.0	7.893	0.831	1208.633	0.06%	98.96%
73.0	7.740	0.817	1209.45	0.06%	99.02%
74.0	7.601	0.806	1210.257	0.06%	99.09%
75.0	7.432	0.794	1211.051	0.06%	99.15%

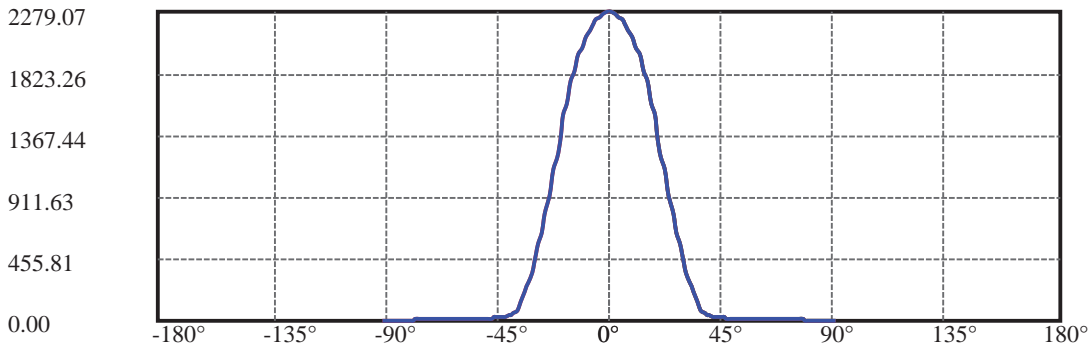
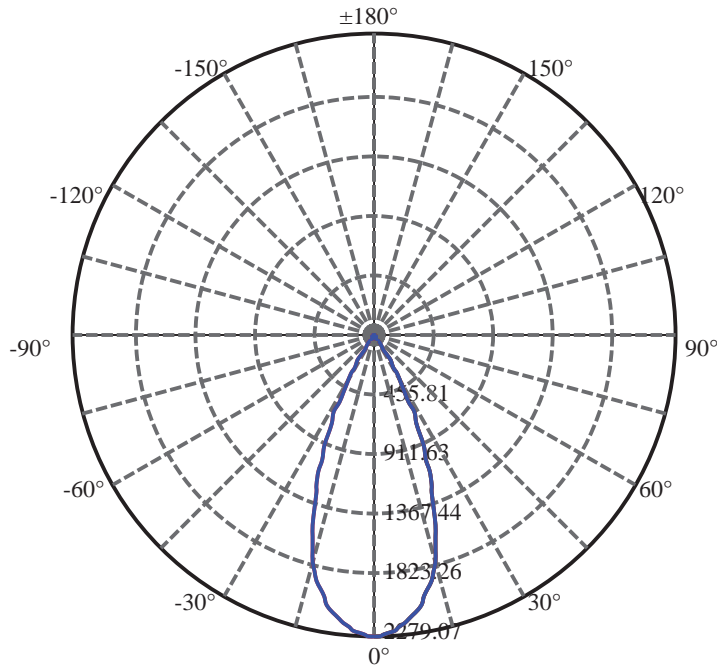
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.271	0.781	1211.831	0.06%	99.22%
77.0	7.140	0.768	1212.6	0.06%	99.28%
78.0	6.986	0.756	1213.356	0.06%	99.34%
79.0	6.840	0.743	1214.099	0.06%	99.40%
80.0	6.708	0.730	1214.829	0.06%	99.46%
81.0	6.540	0.716	1215.546	0.06%	99.52%
82.0	6.416	0.703	1216.248	0.05%	99.58%
83.0	6.284	0.690	1216.939	0.05%	99.64%
84.0	6.152	0.677	1217.616	0.05%	99.69%
85.0	6.013	0.664	1218.28	0.05%	99.74%
86.0	5.882	0.650	1218.93	0.05%	99.80%
87.0	5.750	0.637	1219.567	0.05%	99.85%
88.0	5.618	0.623	1220.19	0.05%	99.90%
89.0	5.486	0.609	1220.798	0.05%	99.95%
90.0	5.406	0.597	1221.395	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1061.79	82.57%	86.93%
0-40	1165.63	90.64%	95.43%
0-60	1197.14	93.09%	98.01%
0-90	1220.80	94.93%	99.95%
0-120	1220.80	94.93%	99.95%
0-180	1221.40	94.98%	100.00%
60-90	23.66	1.84%	1.94%
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%
0-26.96	977.12	75.98%	80.00%

ZONAL LUMEN SUMMARY

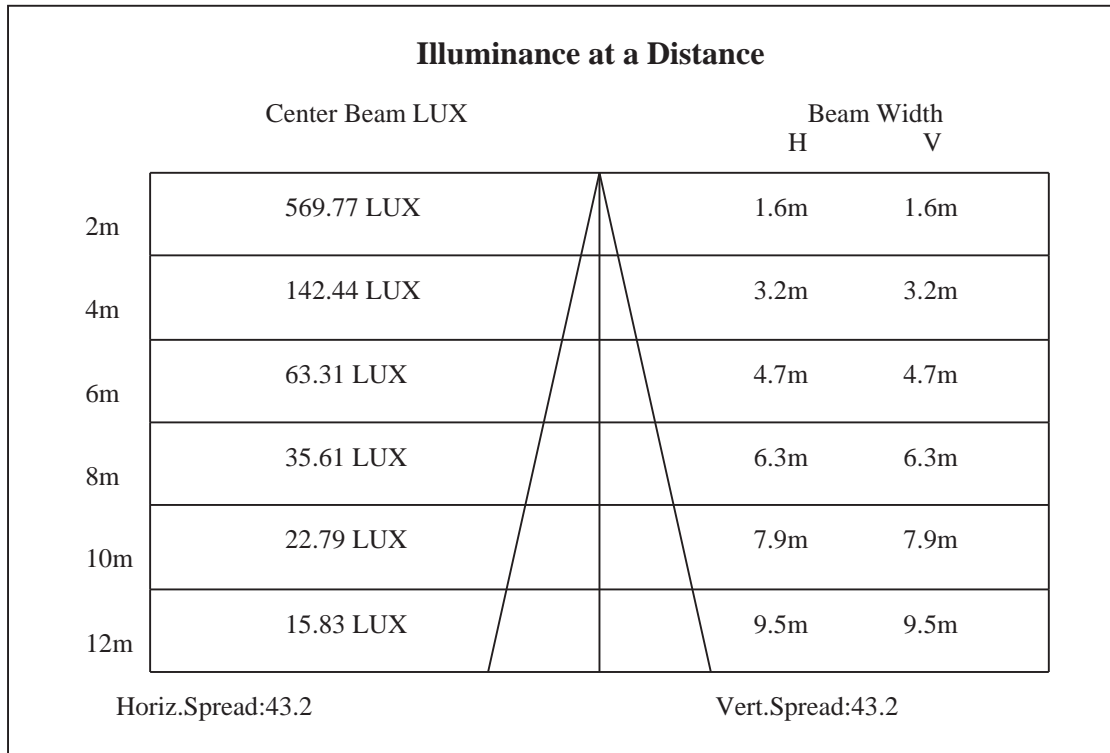
0-10	206.61
10-20	479.51
20-30	375.67
30-40	103.84
40-50	18.90
50-60	12.61
60-70	9.82
70-80	7.87
80-90	5.97
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

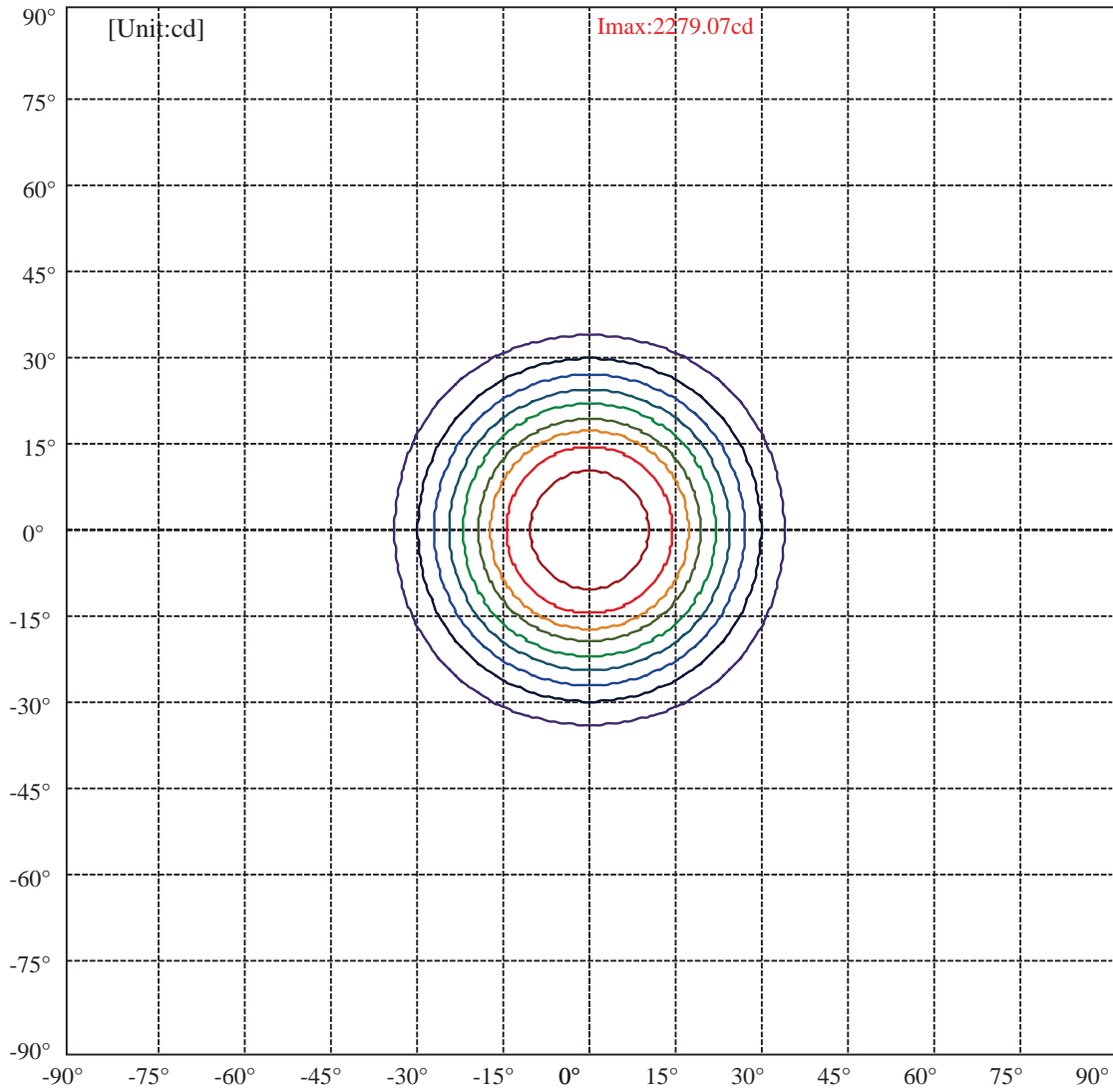


C0(Max): —————
C0/C180: —————
C90/C270: —————

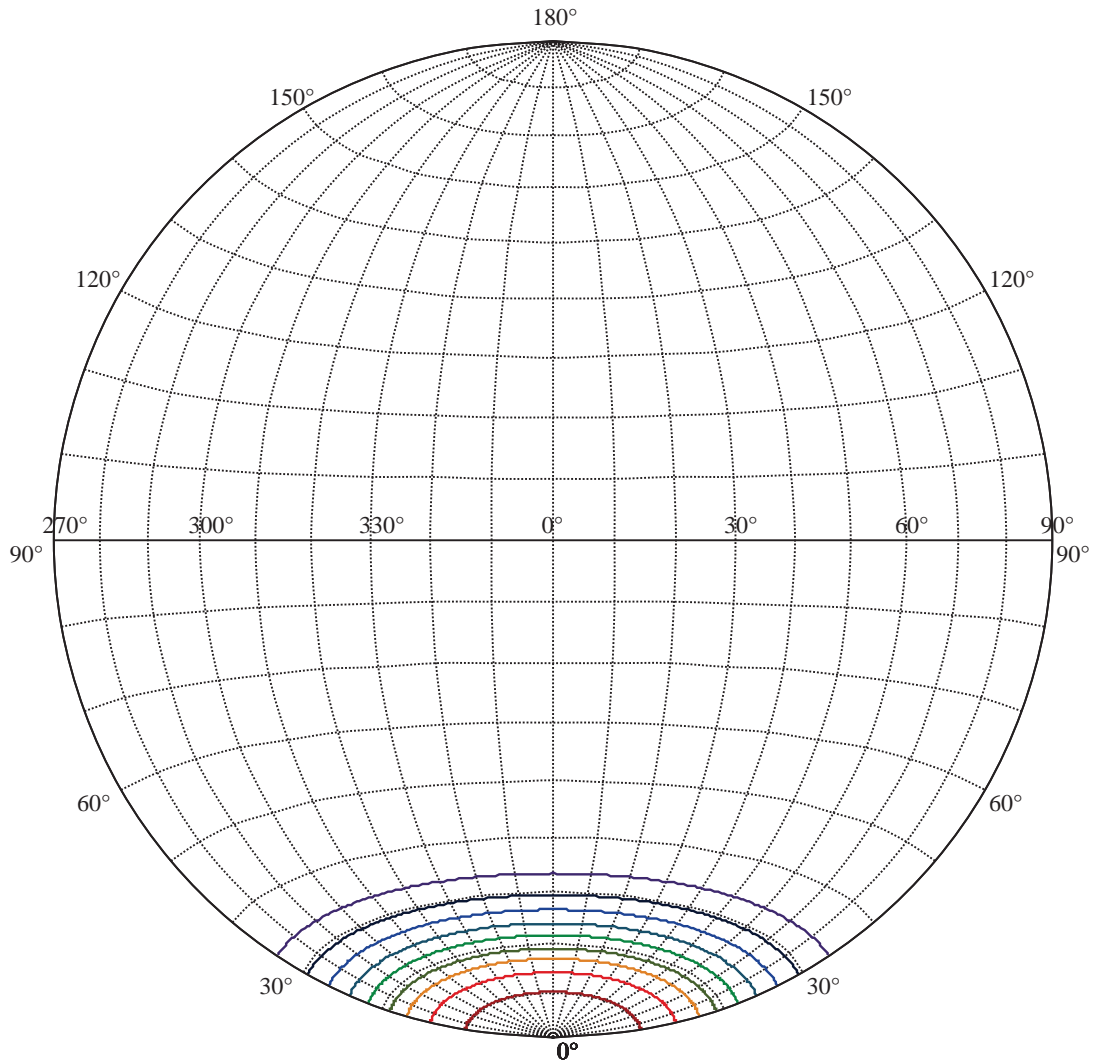
Field angle(10%Imax):C0/180Left:33.5 Right:33.5
:C90/270Left:33.5 Right:33.5

Beam Angle(50%Imax):C0/180Left:21.7 Right:21.7
:C90/270Left:21.7 Right:21.7





(10% I _{max}) 227.907	—
(20% I _{max}) 455.814	—
(30% I _{max}) 683.721	—
(40% I _{max}) 911.628	—
(50% I _{max}) 1139.54	—
(60% I _{max}) 1367.44	—
(70% I _{max}) 1595.35	—
(80% I _{max}) 1823.26	—
(90% I _{max}) 2051.16	—



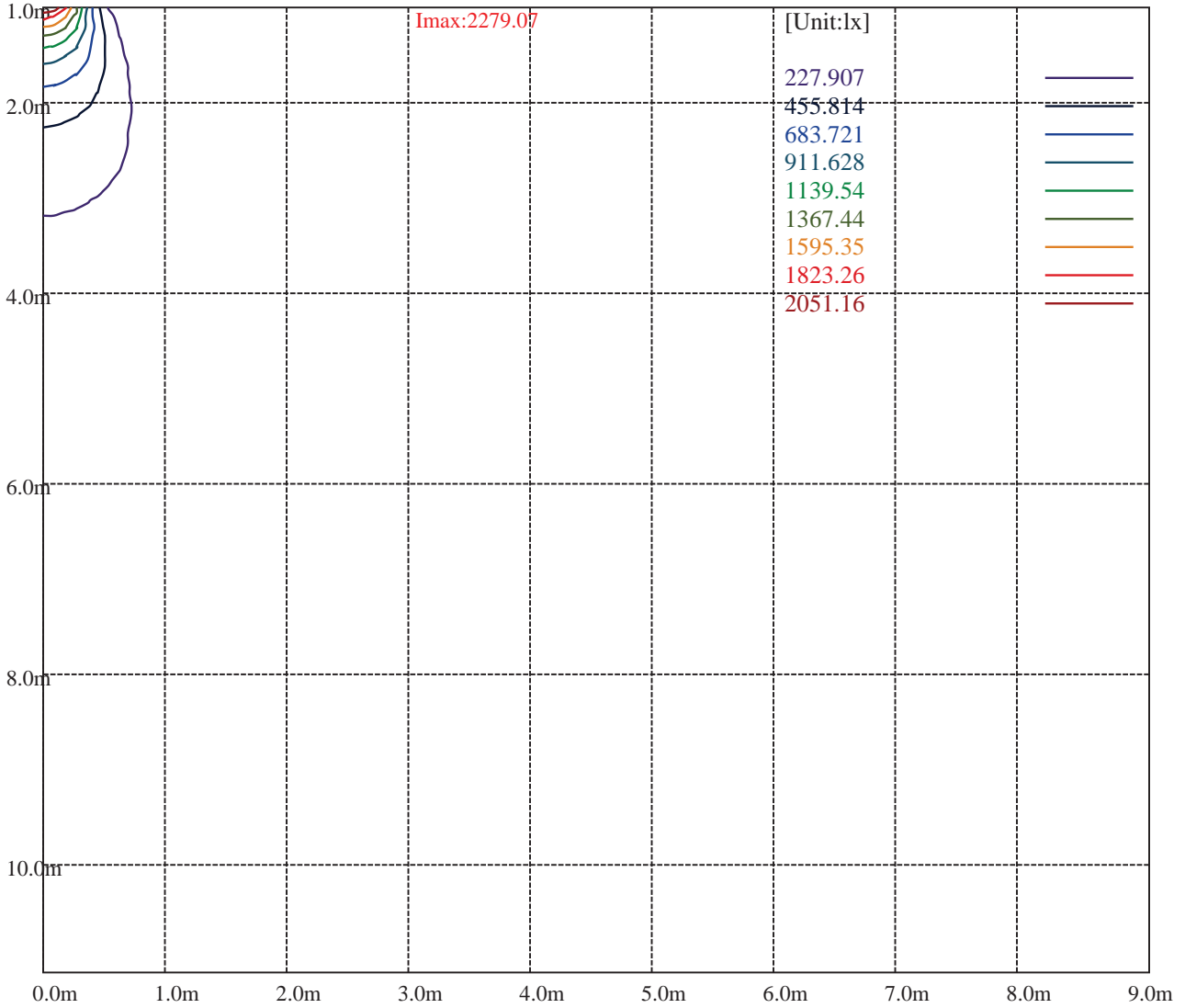
House

[Unit:cd]

Road

Imax:2279.07

(10% Imax)	227.907	—
(20% Imax)	455.814	—
(30% Imax)	683.721	—
(40% Imax)	911.628	—
(50% Imax)	1139.54	—
(60% Imax)	1367.44	—
(70% Imax)	1595.35	—
(80% Imax)	1823.26	—
(90% Imax)	2051.16	—



Luminance Table

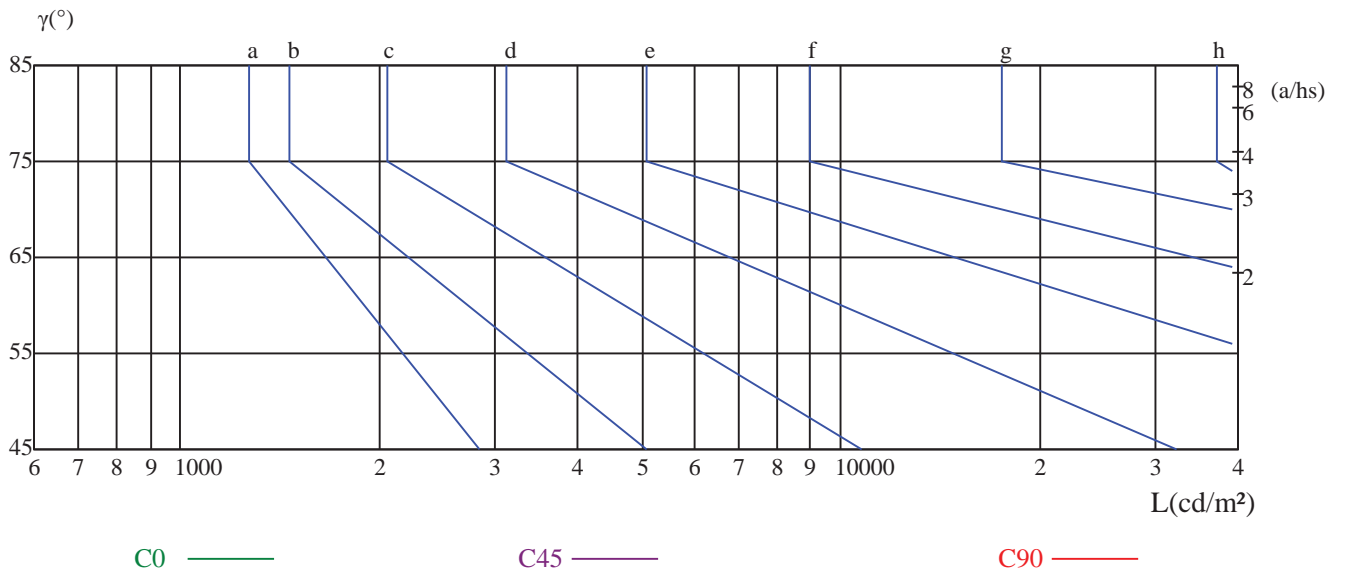
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

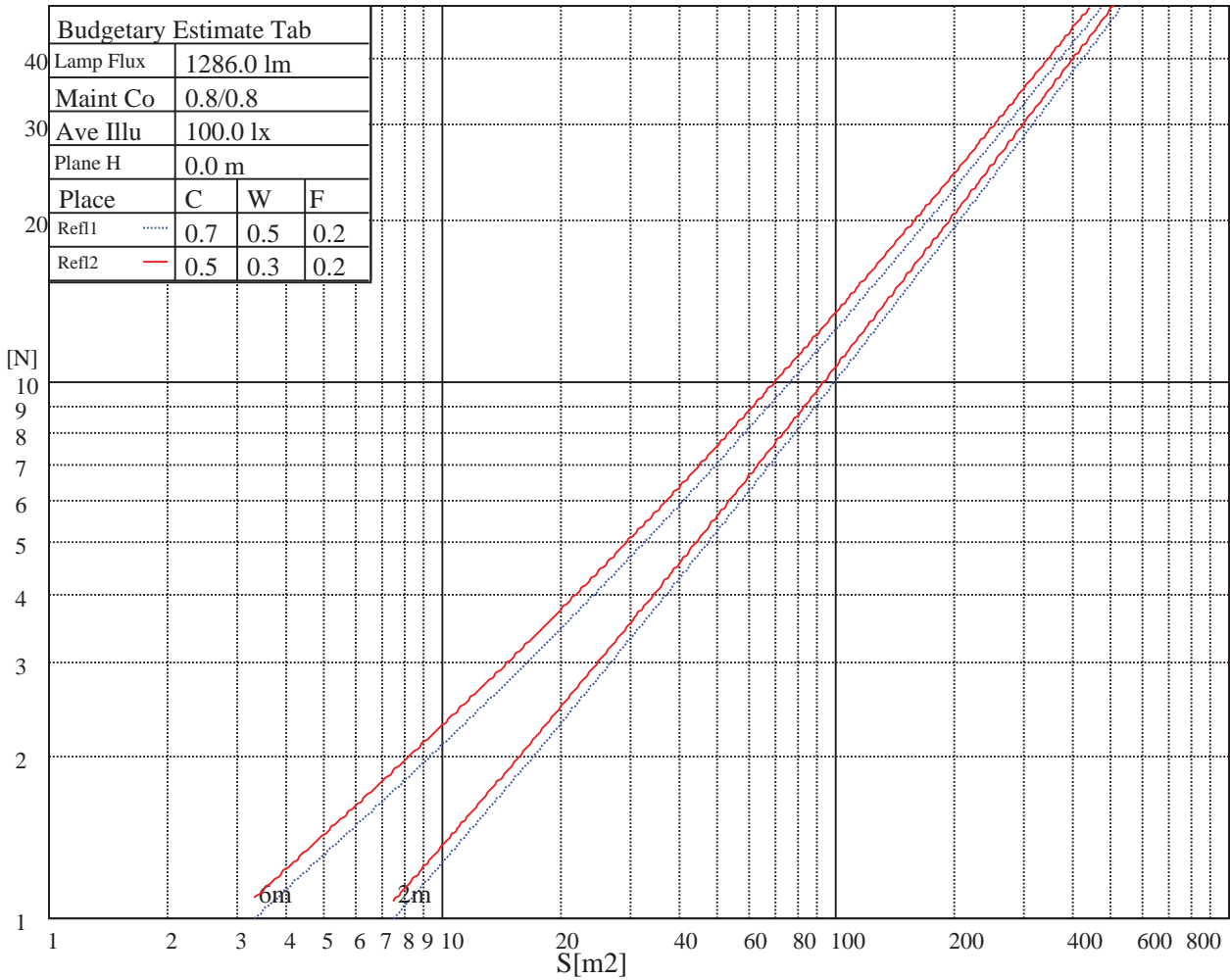
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

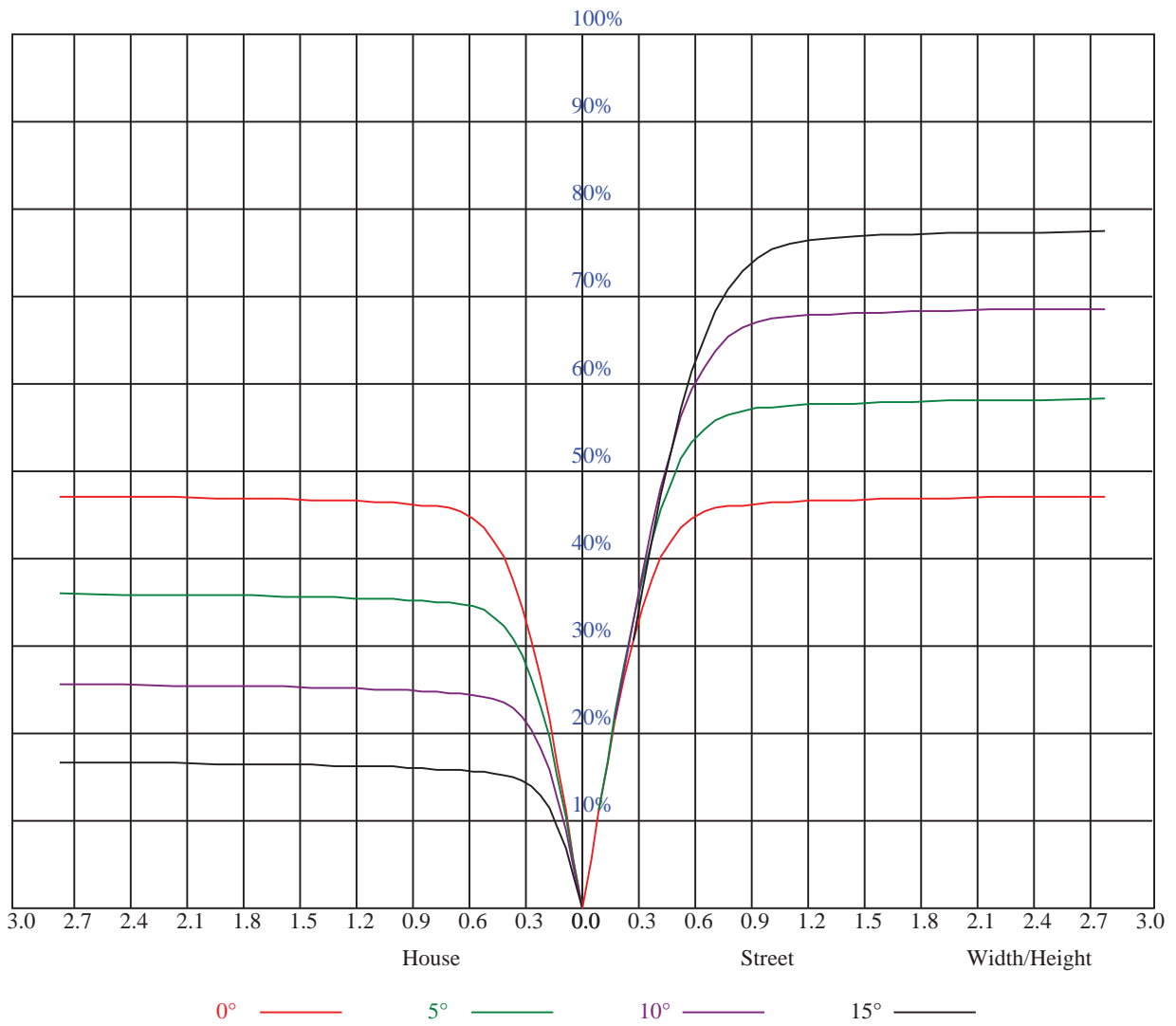


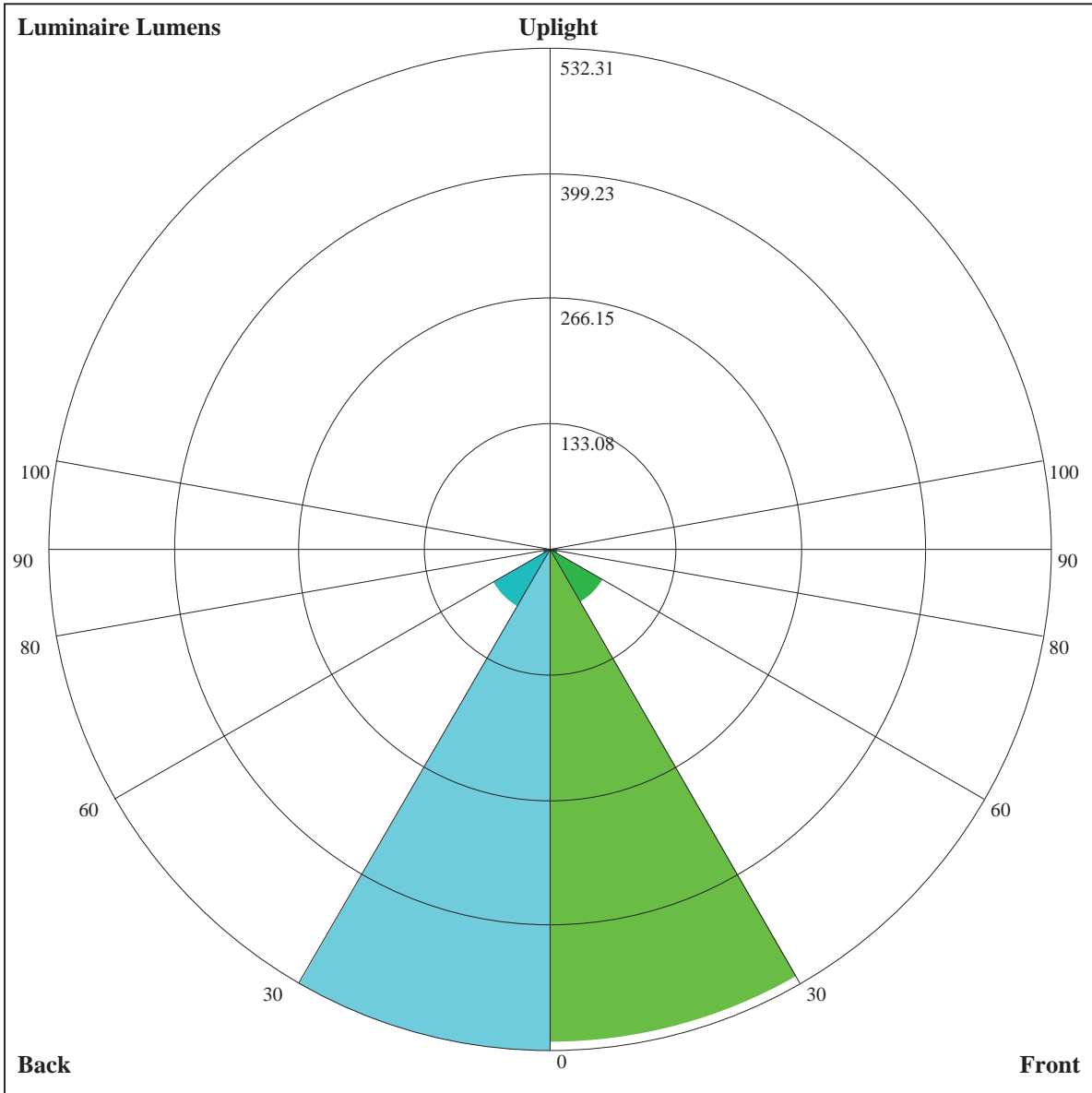
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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
	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
	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
8H	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
12H	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	1.13	1.13	1.13	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.95
1	1.06	1.03	1.01	1.04	1.02	1.00	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.89
2	0.99	0.96	0.93	0.98	0.94	0.92	0.95	0.92	0.90	0.92	0.90	0.88	0.89	0.87	0.86	0.84
3	0.94	0.89	0.86	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.80
4	0.89	0.84	0.80	0.87	0.83	0.80	0.85	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.76
5	0.84	0.79	0.75	0.83	0.79	0.75	0.81	0.78	0.74	0.80	0.77	0.74	0.79	0.76	0.73	0.72
6	0.80	0.75	0.71	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.70	0.68
7	0.76	0.71	0.68	0.76	0.71	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.65
8	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.62
9	0.70	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.60
10	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.57





Luminaire Lumens:

FL=523.77,FM=65.18,FH=8.67,FVH=3.27

BL=532.31,BM=70,BH=8.96,BVH=3.29

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	2277.17	2258.44	2236.20	2222.74	2209.87	2184.70	2151.93	2113.31	2074.10
45.0	2280.10	2281.27	2273.66	2249.66	2229.18	2213.38	2199.92	2176.51	2143.74
90.0	2283.61	2273.07	2255.52	2239.71	2238.54	2212.21	2189.39	2161.29	2137.30
135.0	2275.41	2281.27	2276.58	2271.90	2260.20	2252.59	2242.06	2223.91	2195.82
180.0	2277.17	2275.41	2266.63	2266.63	2263.71	2253.17	2232.69	2207.53	2182.95
225.0	2280.10	2276.58	2275.41	2265.46	2239.71	2212.79	2184.12	2153.10	2129.69
270.0	2283.61	2280.68	2280.68	2264.29	2253.76	2230.35	2195.82	2166.56	2134.96
315.0	2275.41	2266.63	2252.00	2226.84	2205.77	2180.02	2136.13	2106.28	2075.27
360.0	2277.17	2258.44	2236.20	2222.74	2209.87	2184.70	2151.93	2113.31	2074.10

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2038.40	1991.58	1948.27	1904.97	1835.91	1769.19	1690.19	1617.04	1540.96
45.0	2113.89	2077.02	2039.57	2002.11	1940.66	1889.16	1830.64	1745.78	1680.24
90.0	2101.02	2064.73	2019.67	1961.73	1903.21	1837.67	1746.37	1671.46	1584.85
135.0	2170.66	2142.57	2105.11	2055.37	2017.33	1964.66	1878.63	1801.97	1694.28
180.0	2154.86	2122.67	2087.56	2034.30	1981.63	1924.28	1827.13	1759.24	1656.83
225.0	2087.56	2037.23	1984.56	1930.72	1869.85	1780.90	1717.11	1639.86	1551.49
270.0	2103.36	2059.47	2011.48	1959.39	1902.04	1839.42	1785.58	1694.28	1612.35
315.0	2037.23	1977.53	1930.13	1874.53	1814.84	1734.67	1665.02	1569.63	1484.19
360.0	2038.40	1991.58	1948.27	1904.97	1835.91	1769.19	1690.19	1617.04	1540.96

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1458.44	1353.68	1162.73	1162.73	1098.23	980.95	890.13	808.96	709.47
45.0	1605.33	1504.09	1422.74	1342.56	1257.12	1173.43	1051.71	959.83	876.73
90.0	1490.04	1298.09	1165.48	1165.48	1067.63	943.09	850.45	751.49	672.54
135.0	1600.65	1501.16	1382.95	1282.29	1179.29	1082.72	979.73	872.04	788.36
180.0	1573.73	1478.34	1380.02	1250.68	1152.95	1055.80	959.83	856.24	777.24
225.0	1434.44	1281.70	1159.92	1138.50	1045.21	958.36	855.31	774.78	695.01
270.0	1528.08	1435.62	1319.74	1226.10	1114.33	1021.86	906.57	821.71	742.71
315.0	1395.23	1152.78	1152.78	1110.64	1007.00	921.38	840.97	769.16	689.75
360.0	1458.44	1353.68	1162.73	1162.73	1098.23	980.95	890.13	808.96	709.47

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	628.53	548.71	474.32	386.60	322.75	265.34	201.84	156.61	116.99
45.0	774.31	685.94	578.85	499.26	420.84	350.61	302.03	302.03	165.79
90.0	595.23	505.22	436.46	372.09	302.56	251.24	202.90	157.72	110.84
135.0	706.43	607.52	533.78	465.31	388.06	329.54	302.62	302.62	170.36
180.0	693.55	616.89	521.49	448.34	381.63	306.13	306.13	241.99	150.40
225.0	590.73	514.06	438.98	373.49	297.59	243.80	194.35	153.39	109.50
270.0	667.22	568.31	489.89	421.42	358.22	302.03	302.03	187.68	148.30
315.0	594.06	519.74	446.88	379.58	304.38	248.84	189.67	147.71	110.55
360.0	628.53	548.71	474.32	386.60	322.75	265.34	201.84	156.61	116.99

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	79.12	59.28	46.88	37.69	32.77	28.97	25.98	23.12	21.36
45.0	117.40	86.73	64.84	51.73	43.54	36.28	31.95	28.50	25.22
90.0	82.69	65.49	54.19	45.59	38.33	33.83	29.67	27.21	25.11
135.0	132.67	94.51	74.32	61.57	52.55	44.83	40.32	36.81	33.83
180.0	114.29	86.20	64.55	53.72	45.65	38.74	34.70	31.78	29.50
225.0	83.10	64.20	50.50	42.08	35.17	31.31	28.50	26.28	23.94
270.0	105.52	79.65	60.69	48.46	37.81	32.19	27.15	24.58	22.53
315.0	74.73	57.41	46.47	38.57	31.49	27.39	24.70	22.00	20.31
360.0	79.12	59.28	46.88	37.69	32.77	28.97	25.98	23.12	21.36

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	19.78	18.14	17.09	16.21	15.33	14.69	14.22	13.64	13.23
45.0	23.06	21.24	19.31	18.02	16.74	15.86	15.10	14.51	13.93
90.0	22.59	20.95	19.61	18.26	17.32	16.44	15.74	14.98	14.34
135.0	30.72	28.62	26.63	24.93	23.17	21.89	20.54	19.55	18.49
180.0	26.92	25.22	23.88	22.41	21.42	20.42	19.25	18.49	17.79
225.0	22.36	21.01	19.72	18.79	18.02	17.32	16.50	15.92	15.45
270.0	20.31	18.90	17.73	16.74	15.80	15.16	14.69	14.10	13.52
315.0	18.90	17.67	16.44	15.68	14.98	14.22	13.69	13.23	12.87
360.0	19.78	18.14	17.09	16.21	15.33	14.69	14.22	13.64	13.23
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.93	12.58	12.23	11.94	11.70	11.35	11.12	10.89	10.53
45.0	13.52	13.11	12.76	12.35	12.06	11.76	11.41	11.06	10.77
90.0	13.81	13.34	12.76	12.35	11.94	11.59	11.24	10.77	10.53
135.0	17.73	16.91	16.27	15.57	14.69	14.05	13.40	12.82	12.17
180.0	16.97	16.33	15.74	15.16	14.51	13.93	13.34	12.82	12.17
225.0	14.81	14.40	13.87	13.34	12.93	12.47	12.00	11.41	11.06
270.0	13.23	12.87	12.52	12.23	11.94	11.65	11.35	11.06	10.59
315.0	12.52	12.23	11.94	11.65	11.41	11.12	10.83	10.48	10.24
360.0	12.93	12.58	12.23	11.94	11.70	11.35	11.12	10.89	10.53
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.18	9.83	9.48	9.19	8.95	8.60	8.43	8.31	8.13
45.0	10.42	10.18	9.89	9.54	9.19	8.90	8.60	8.31	8.19
90.0	10.12	9.77	9.54	9.25	8.95	8.60	8.37	8.13	8.02
135.0	11.65	11.18	10.59	10.18	9.66	9.31	8.90	8.49	8.25
180.0	11.70	11.29	10.77	10.30	9.83	9.42	9.01	8.66	8.43
225.0	10.59	10.12	9.77	9.36	9.01	8.49	8.25	8.02	7.84
270.0	10.36	10.12	9.77	9.36	8.95	8.72	8.37	8.13	8.02
315.0	9.95	9.54	9.25	8.84	8.60	8.31	8.08	7.96	7.78
360.0	10.18	9.83	9.48	9.19	8.95	8.60	8.43	8.31	8.13
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.96	7.78	7.67	7.49	7.32	7.20	7.08	6.91	6.79
45.0	8.02	7.84	7.67	7.55	7.37	7.20	7.08	6.91	6.79
90.0	7.84	7.67	7.49	7.37	7.20	7.08	6.91	6.73	6.61
135.0	8.08	7.90	7.72	7.55	7.43	7.26	7.08	6.96	6.79
180.0	8.19	8.08	7.96	7.72	7.55	7.43	7.26	7.14	6.96
225.0	7.67	7.49	7.37	7.20	7.02	6.91	6.79	6.61	6.50
270.0	7.78	7.67	7.55	7.37	7.20	7.08	6.91	6.79	6.67
315.0	7.61	7.49	7.37	7.20	7.08	6.96	6.79	6.67	6.55
360.0	7.96	7.78	7.67	7.49	7.32	7.20	7.08	6.91	6.79
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.61	6.50	6.38	6.20	6.09	5.91	5.79	5.68	5.50
45.0	6.67	6.50	6.32	6.20	6.03	5.91	5.79	5.68	5.56
90.0	6.44	6.32	6.20	6.03	5.91	5.79	5.68	5.56	5.44
135.0	6.61	6.50	6.32	6.26	6.09	5.97	5.79	5.68	5.56
180.0	6.79	6.67	6.55	6.38	6.26	6.14	5.97	5.79	5.56
225.0	6.32	6.20	6.09	6.03	5.91	5.74	5.62	5.50	5.38
270.0	6.50	6.38	6.26	6.09	5.97	5.85	5.74	5.56	5.50
315.0	6.38	6.26	6.14	6.03	5.85	5.74	5.62	5.50	5.38
360.0	6.61	6.50	6.38	6.20	6.09	5.91	5.79	5.68	5.50

Intensity data(cd)

C/γ(°)	90.0
0.0	5.38
45.0	5.38
90.0	5.38
135.0	5.44
180.0	5.44
225.0	5.38
270.0	5.44
315.0	5.38
360.0	5.38