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NT

Client:

LumCAT: 1-1306-L

Luminaire: 92.70.427.00

Report No: 2024730-B015

Ballast type: AC

Test No: 2024730-C015

Voltage(V): 34.390

LampCAT: Fortimo_SLM_C_1203

Current(A): 0.216

Lamp flux(lm): 1286.0

Power (W): 7.428

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1183.48, Efficiency(%): 92.03% , Luminous Efficacy(lm/W): 159.33

Central intensity(cd): 1772.120, Maximum intensity(cd): 1772.120

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50% I_{max}): [C0/180]Total=51.8

[C90/270]Total=51.8

Field angle(10% I_{max}): [C0/180]Total=71.0

[C90/270]Total=71.0

Maximum s/h(1/2): C0_180=0.82 C90_270=0.82

Maximum s/h(1/4): C0_180=0.77 C90_270=0.77

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.03%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.017%

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	1772.120	0.000	0	0.00%	0.00%
1.0	1769.998	1.695	1.695	0.13%	0.14%
2.0	1766.121	5.075	6.77	0.39%	0.57%
3.0	1761.220	8.436	15.206	0.66%	1.28%
4.0	1750.101	11.754	26.96	0.91%	2.28%
5.0	1736.421	14.999	41.959	1.17%	3.55%
6.0	1723.254	18.182	60.14	1.41%	5.08%
7.0	1706.428	21.288	81.428	1.66%	6.88%
8.0	1686.750	24.284	105.713	1.89%	8.93%
9.0	1667.657	27.186	132.898	2.11%	11.23%
10.0	1644.760	29.976	162.874	2.33%	13.76%
11.0	1619.083	32.613	195.487	2.54%	16.52%
12.0	1589.456	35.074	230.561	2.73%	19.48%
13.0	1555.001	37.317	267.878	2.90%	22.63%
14.0	1518.425	39.340	307.217	3.06%	25.96%
15.0	1479.142	41.152	348.369	3.20%	29.44%
16.0	1439.931	42.773	391.142	3.33%	33.05%
17.0	1396.844	44.176	435.318	3.44%	36.78%
18.0	1353.318	45.344	480.662	3.53%	40.61%
19.0	1286.303	45.924	526.586	3.57%	44.49%
20.0	1221.847	45.906	572.492	3.57%	48.37%
21.0	1189.770	46.308	618.8	3.60%	52.29%
22.0	1132.564	46.668	665.469	3.63%	56.23%
23.0	1068.877	46.192	711.661	3.59%	60.13%
24.0	1007.443	45.396	757.057	3.53%	63.97%
25.0	945.958	44.416	801.473	3.45%	67.72%
26.0	879.761	43.096	844.569	3.35%	71.36%
27.0	804.706	41.211	885.78	3.20%	74.85%
28.0	714.457	38.462	924.242	2.99%	78.09%
29.0	630.580	35.190	959.432	2.74%	81.07%
30.0	541.670	31.651	991.082	2.46%	83.74%
31.0	450.396	27.608	1018.69	2.15%	86.08%
32.0	365.473	23.374	1042.064	1.82%	88.05%
33.0	293.754	19.421	1061.485	1.51%	89.69%
34.0	246.314	16.344	1077.829	1.27%	91.07%
35.0	220.030	14.483	1092.312	1.13%	92.30%
36.0	126.028	11.019	1103.33	0.86%	93.23%
37.0	94.982	7.208	1110.538	0.56%	93.84%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	75.275	5.683	1116.221	0.44%	94.32%
39.0	61.375	4.664	1120.886	0.36%	94.71%
40.0	51.880	3.950	1124.836	0.31%	95.04%
41.0	44.836	3.444	1128.28	0.27%	95.34%
42.0	39.159	3.052	1131.331	0.24%	95.59%
43.0	34.609	2.733	1134.064	0.21%	95.82%
44.0	30.717	2.466	1136.529	0.19%	96.03%
45.0	27.623	2.242	1138.771	0.17%	96.22%
46.0	25.011	2.058	1140.83	0.16%	96.40%
47.0	22.868	1.904	1142.734	0.15%	96.56%
48.0	20.922	1.770	1144.504	0.14%	96.71%
49.0	19.371	1.655	1146.159	0.13%	96.85%
50.0	18.040	1.560	1147.719	0.12%	96.98%
51.0	16.913	1.479	1149.197	0.11%	97.10%
52.0	15.860	1.406	1150.604	0.11%	97.22%
53.0	14.945	1.340	1151.944	0.10%	97.33%
54.0	14.162	1.283	1153.227	0.10%	97.44%
55.0	13.467	1.233	1154.46	0.10%	97.55%
56.0	12.802	1.187	1155.647	0.09%	97.65%
57.0	12.246	1.145	1156.792	0.09%	97.74%
58.0	11.719	1.108	1157.901	0.09%	97.84%
59.0	11.266	1.075	1158.975	0.08%	97.93%
60.0	10.885	1.046	1160.022	0.08%	98.02%
61.0	10.512	1.021	1161.043	0.08%	98.10%
62.0	10.205	0.998	1162.041	0.08%	98.19%
63.0	9.942	0.980	1163.021	0.08%	98.27%
64.0	9.664	0.962	1163.983	0.07%	98.35%
65.0	9.415	0.944	1164.927	0.07%	98.43%
66.0	9.173	0.927	1165.854	0.07%	98.51%
67.0	8.947	0.911	1166.766	0.07%	98.59%
68.0	8.734	0.896	1167.661	0.07%	98.66%
69.0	8.500	0.879	1168.54	0.07%	98.74%
70.0	8.325	0.864	1169.405	0.07%	98.81%
71.0	8.127	0.850	1170.255	0.07%	98.88%
72.0	7.922	0.835	1171.089	0.06%	98.95%
73.0	7.732	0.819	1171.908	0.06%	99.02%
74.0	7.549	0.803	1172.711	0.06%	99.09%
75.0	7.359	0.788	1173.499	0.06%	99.16%

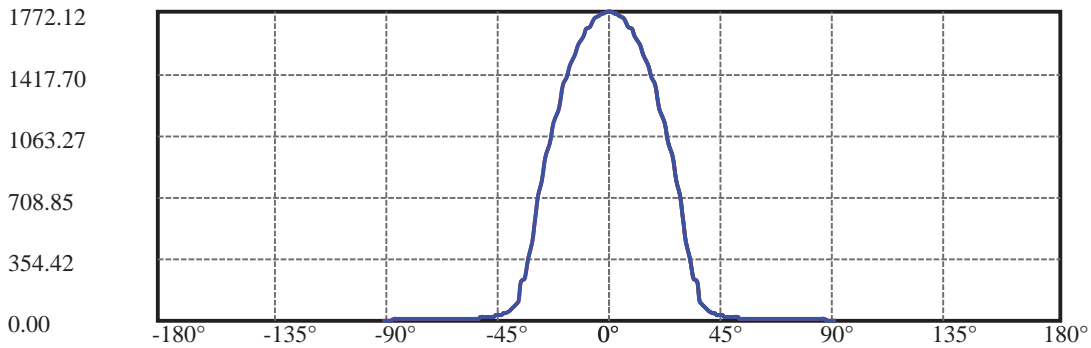
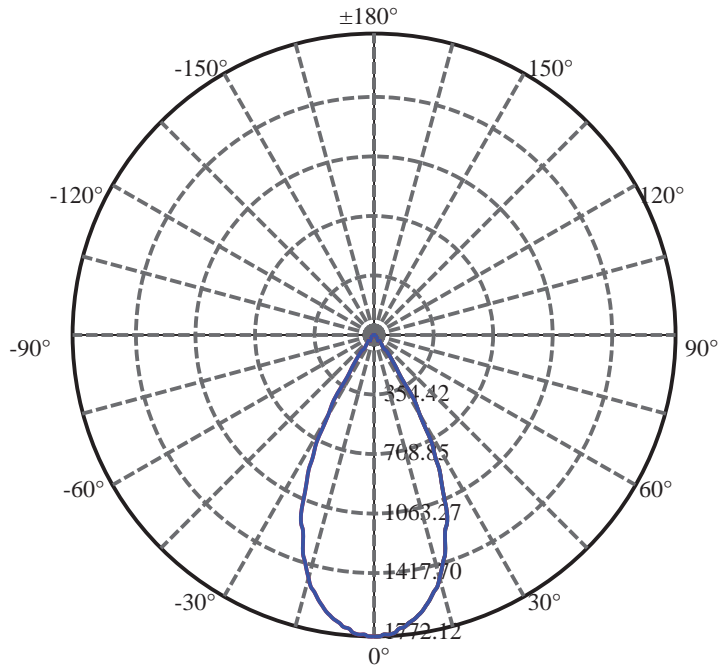
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.176	0.772	1174.271	0.06%	99.22%
77.0	6.986	0.755	1175.026	0.06%	99.29%
78.0	6.825	0.739	1175.765	0.06%	99.35%
79.0	6.635	0.723	1176.488	0.06%	99.41%
80.0	6.481	0.707	1177.196	0.05%	99.47%
81.0	6.306	0.692	1177.887	0.05%	99.53%
82.0	6.159	0.676	1178.563	0.05%	99.58%
83.0	6.006	0.661	1179.224	0.05%	99.64%
84.0	5.874	0.647	1179.872	0.05%	99.69%
85.0	5.735	0.634	1180.505	0.05%	99.75%
86.0	5.604	0.620	1181.125	0.05%	99.80%
87.0	5.479	0.607	1181.731	0.05%	99.85%
88.0	5.391	0.595	1182.327	0.05%	99.90%
89.0	5.274	0.585	1182.912	0.05%	99.95%
90.0	5.179	0.573	1183.485	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	991.08	77.07%	83.74%
0-40	1124.84	87.47%	95.04%
0-60	1160.02	90.20%	98.02%
0-90	1182.91	91.98%	99.95%
0-120	1182.91	91.98%	99.95%
0-180	1183.48	92.03%	100.00%
60-90	22.89	1.78%	1.93%
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%
0-28.64	946.79	73.62%	80.00%

ZONAL LUMEN SUMMARY

0-10	162.87
10-20	409.62
20-30	418.59
30-40	133.75
40-50	22.88
50-60	12.30
60-70	9.38
70-80	7.79
80-90	5.72
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: —————

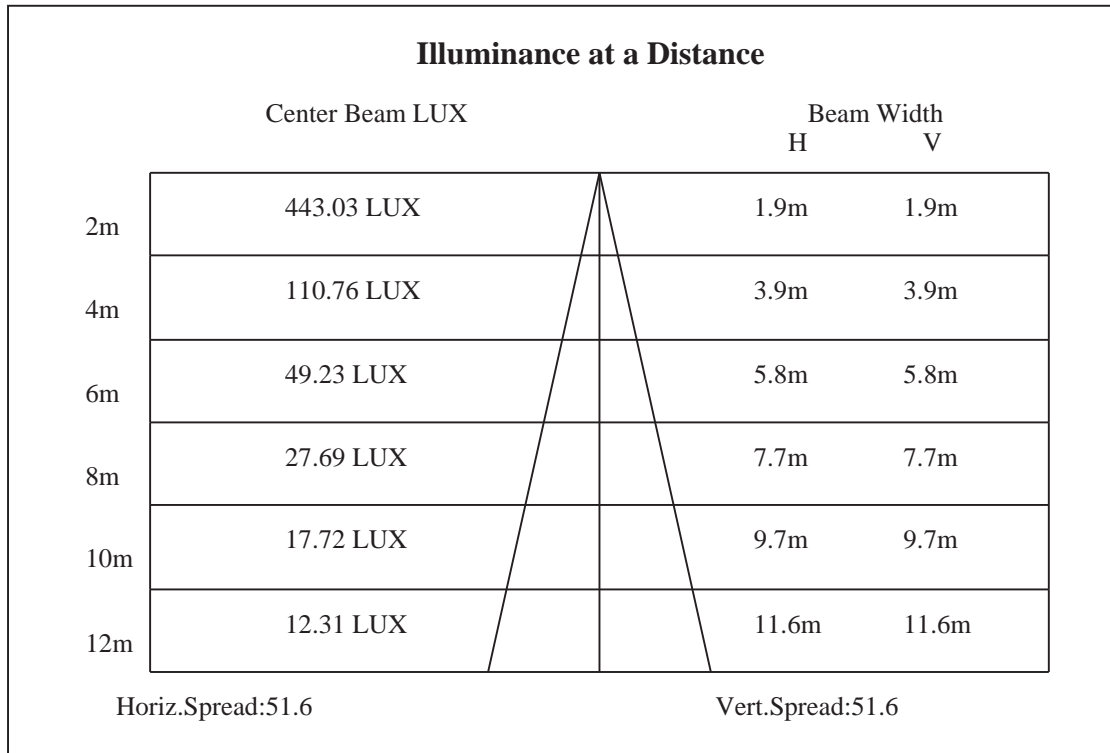
C90/C270: —————

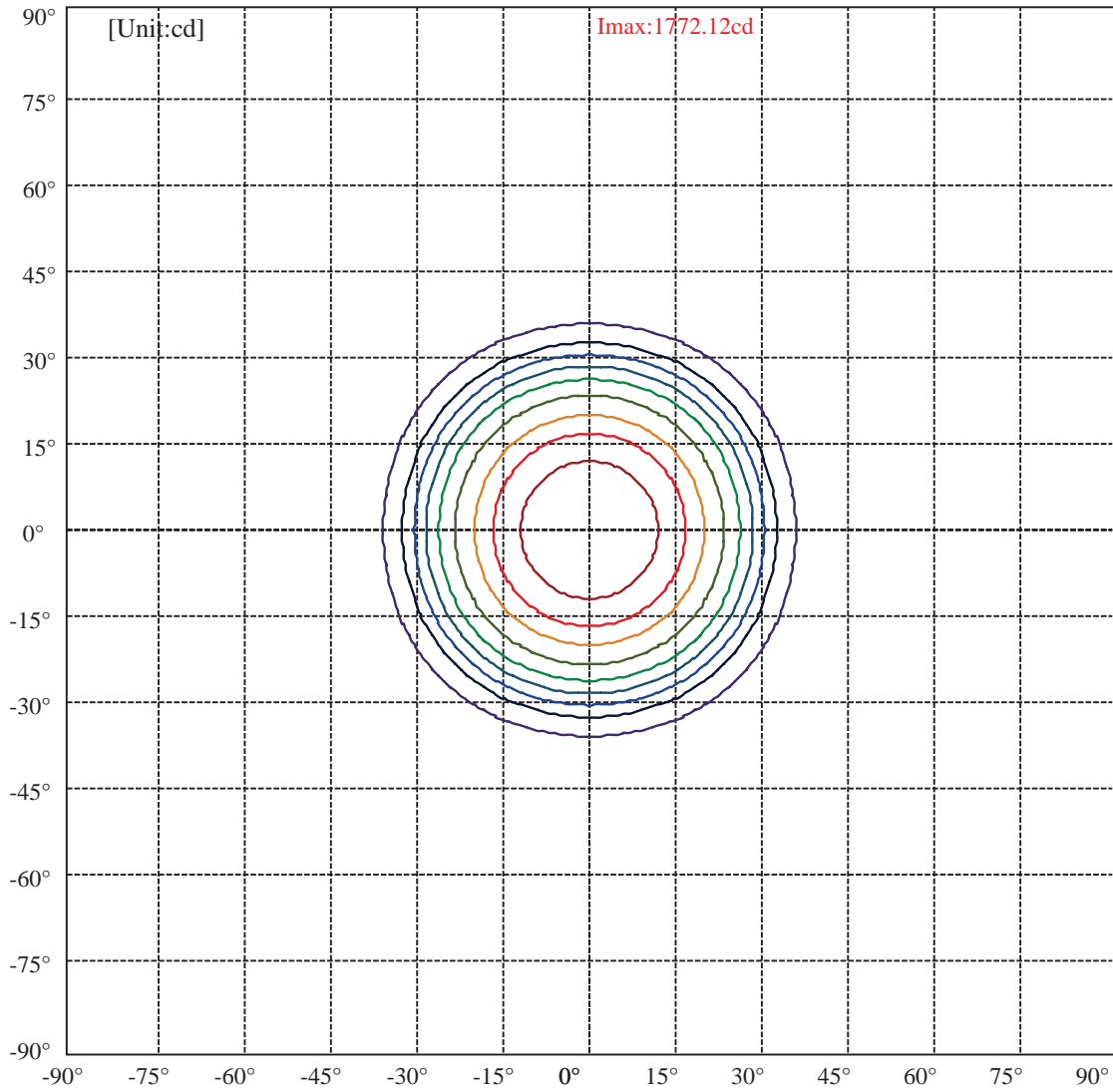
Field angle(10%Imax):C0/180Left:35.5 Right:35.5

:C90/270Left:35.5 Right:35.5

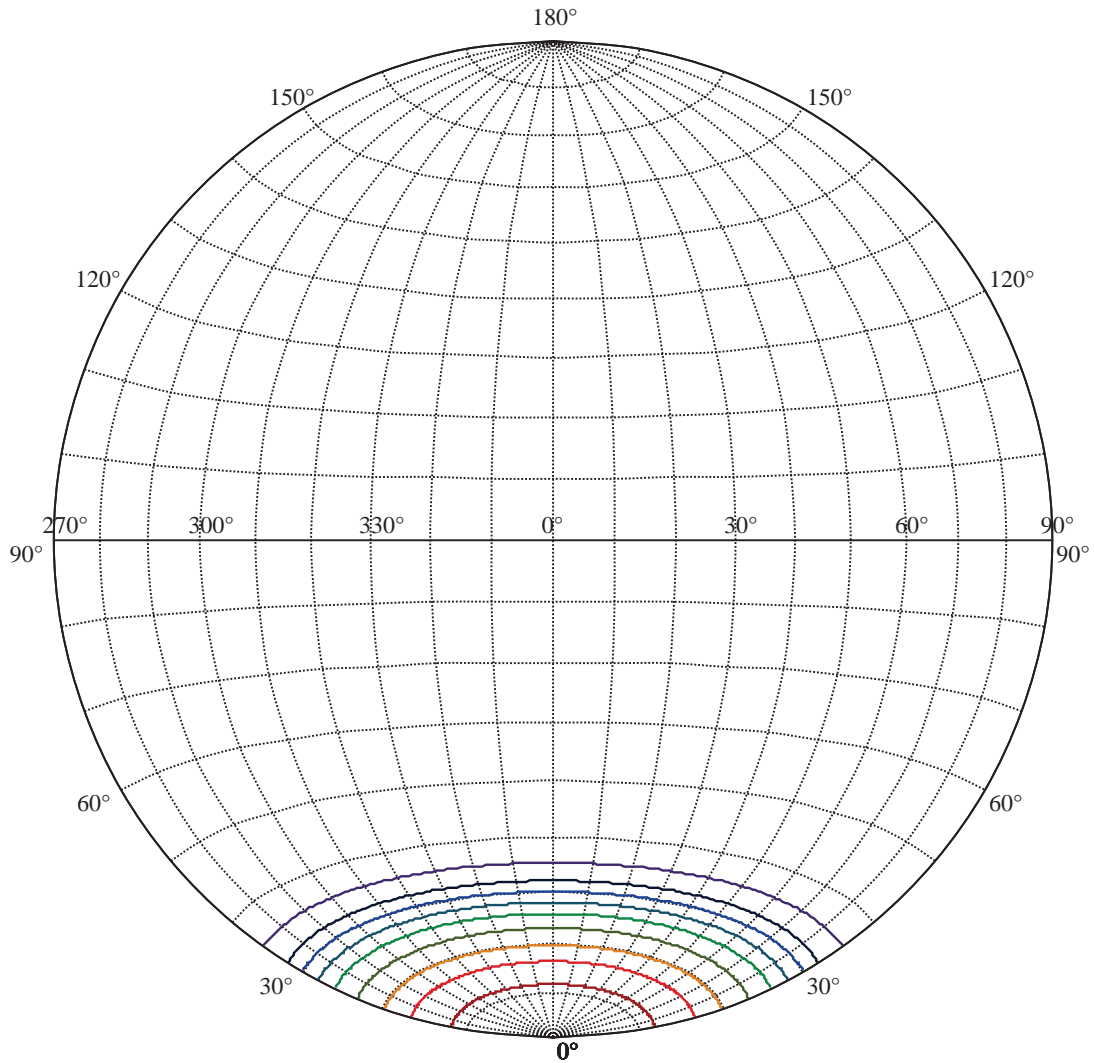
Beam Angle(50%Imax):C0/180Left:25.9 Right:25.9

:C90/270Left:25.9 Right:25.9





(10% I _{max}) 177.212	—
(20% I _{max}) 354.424	—
(30% I _{max}) 531.636	—
(40% I _{max}) 708.848	—
(50% I _{max}) 886.06	—
(60% I _{max}) 1063.27	—
(70% I _{max}) 1240.48	—
(80% I _{max}) 1417.7	—
(90% I _{max}) 1594.91	—



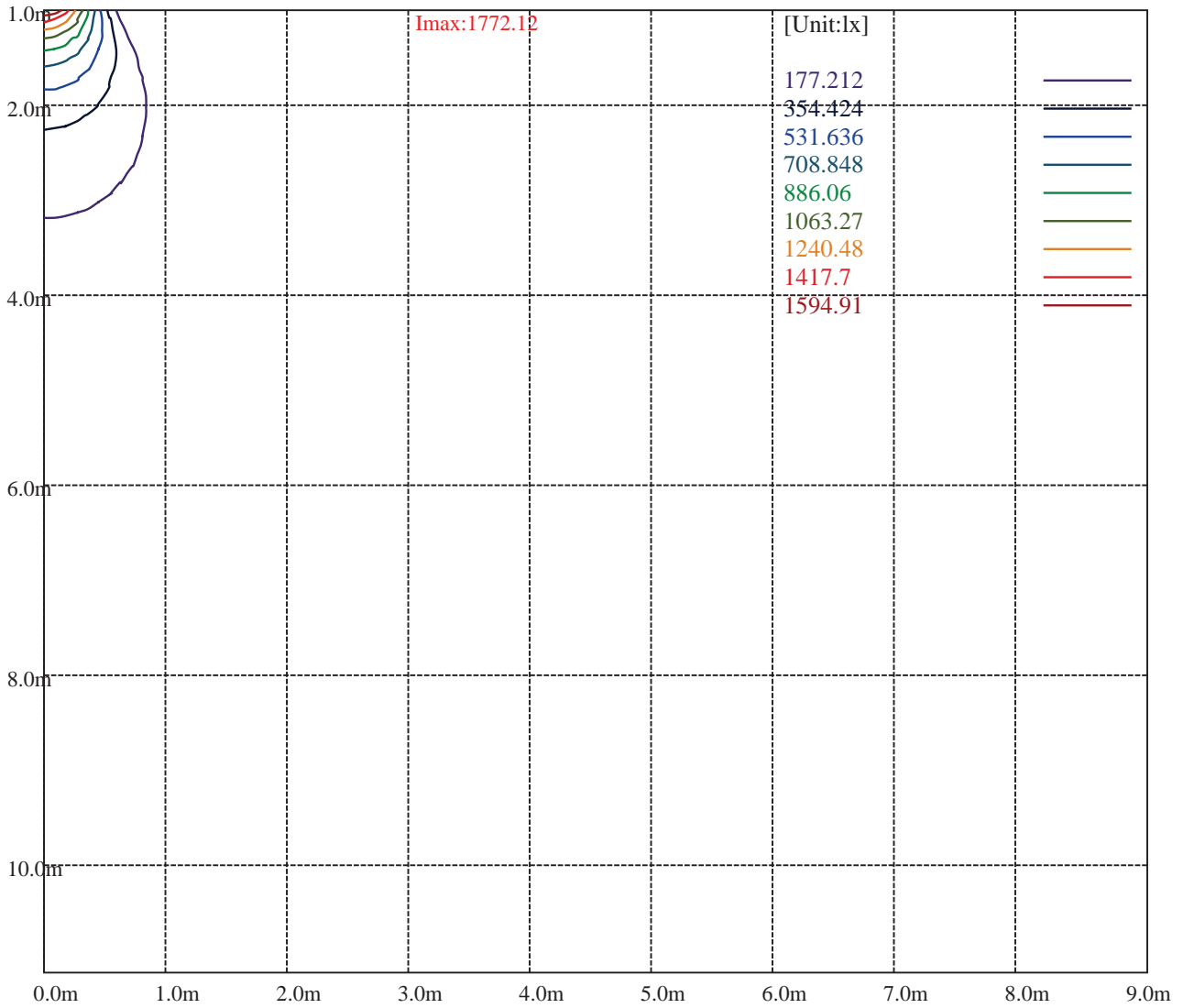
House

[Unit:cd]

Road

Imax:1772.12

(10% Imax)	177.212	—
(20% Imax)	354.424	—
(30% Imax)	531.636	—
(40% Imax)	708.848	—
(50% Imax)	886.06	—
(60% Imax)	1063.27	—
(70% Imax)	1240.48	—
(80% Imax)	1417.7	—
(90% Imax)	1594.91	—



Luminance Table

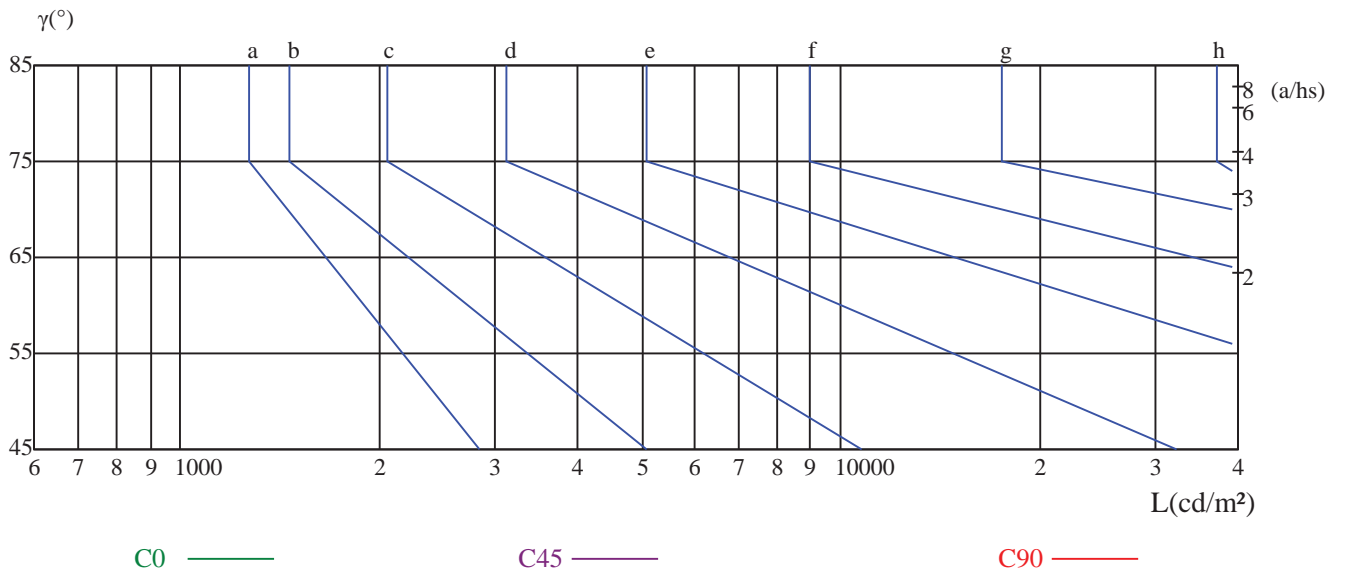
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

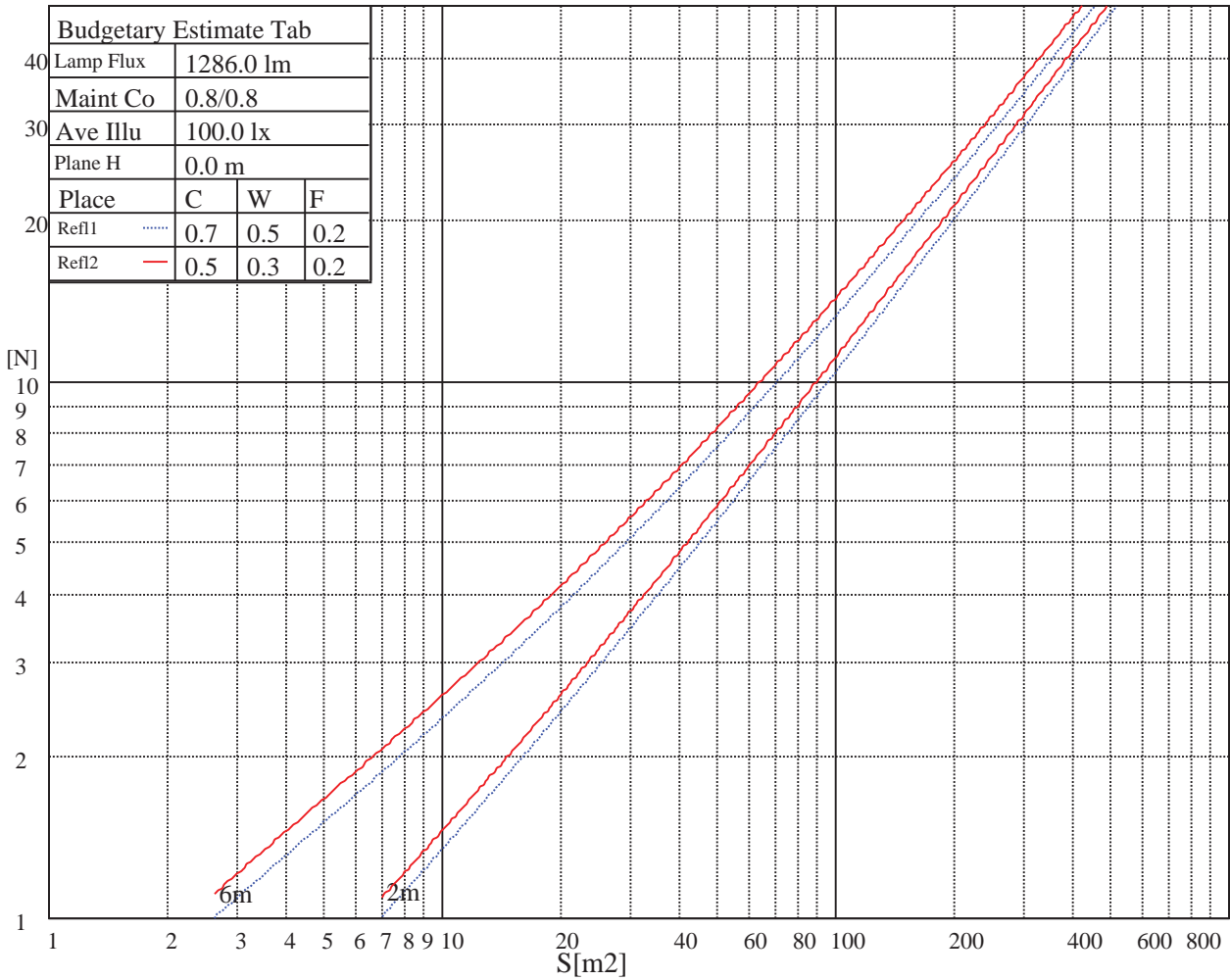
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

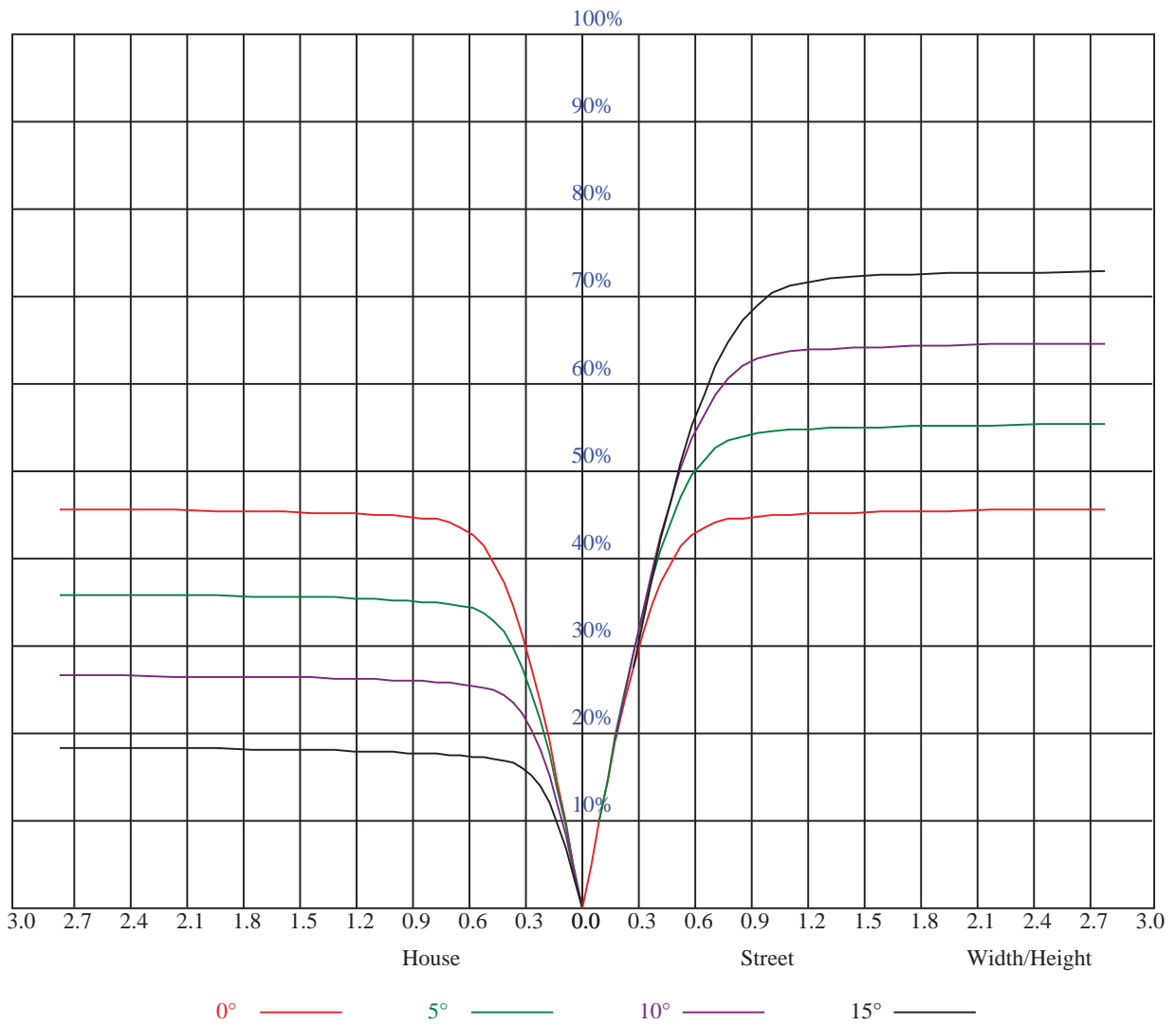


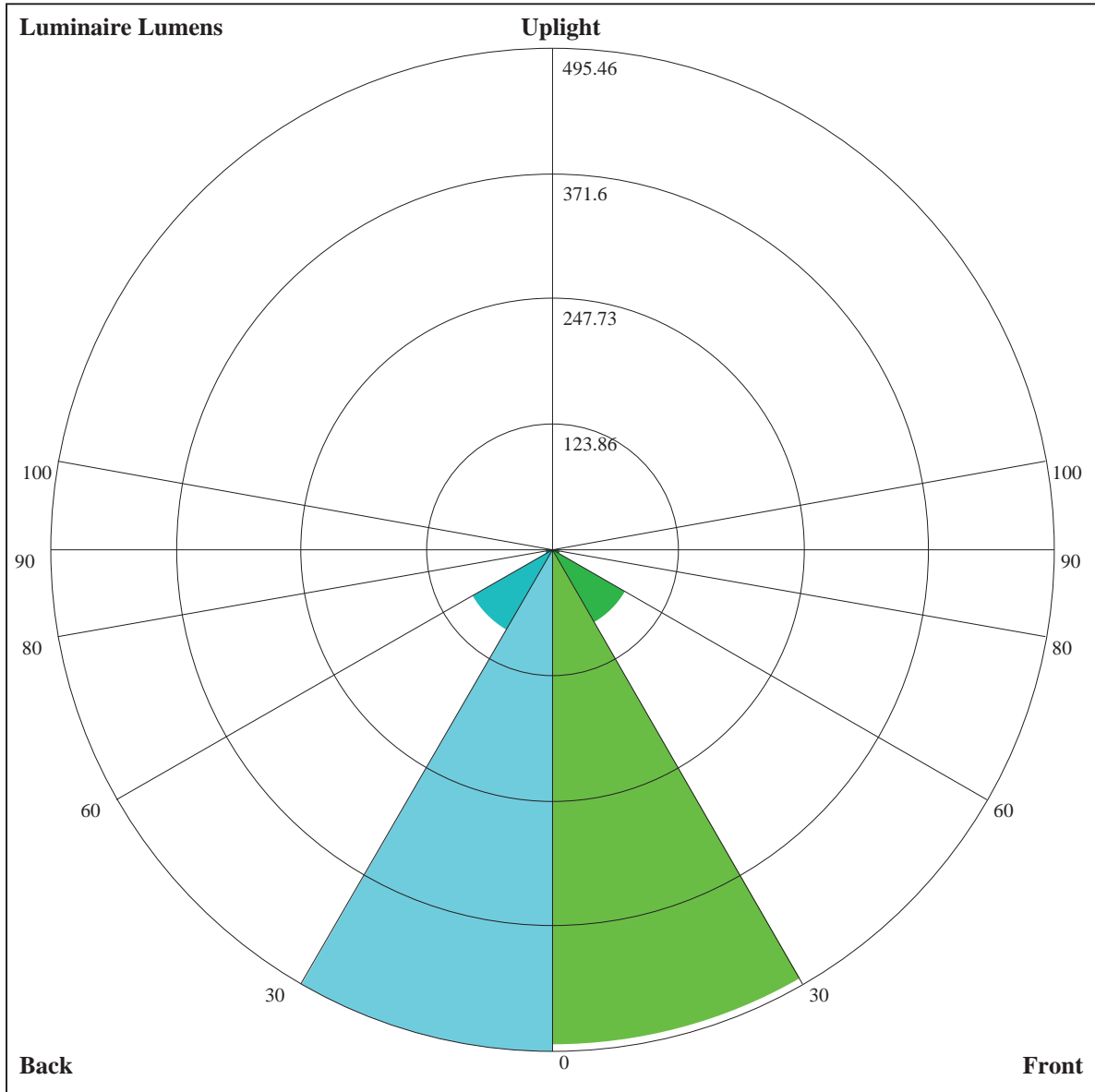
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数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





Luminaire Lumens:

FL=489.7,FM=83.17,FH=8.57,FVH=3.12

BL=495.46,BM=91.66,BH=8.63,BVH=3.16

UL=0,UH=0

BUG Rating:B1-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	1774.46	1777.39	1774.46	1772.12	1763.34	1751.05	1741.10	1718.86	1696.04
45.0	1769.78	1774.46	1773.88	1767.44	1757.49	1749.88	1741.69	1727.64	1705.99
90.0	1771.53	1765.68	1755.73	1746.96	1734.67	1718.28	1696.63	1679.65	1659.17
135.0	1773.29	1768.61	1766.27	1768.61	1750.47	1737.01	1727.06	1717.11	1691.36
180.0	1774.46	1766.27	1766.27	1759.83	1747.54	1729.98	1716.52	1695.46	1678.48
225.0	1768.61	1760.42	1757.49	1744.61	1731.15	1720.03	1700.14	1685.51	1667.95
270.0	1771.53	1772.12	1766.27	1762.17	1756.32	1739.35	1732.91	1713.60	1695.46
315.0	1773.29	1775.05	1768.61	1768.02	1759.83	1745.78	1729.98	1713.60	1699.55
360.0	1774.46	1777.39	1774.46	1772.12	1763.34	1751.05	1741.10	1718.86	1696.04

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1679.07	1660.93	1639.86	1605.33	1572.56	1540.37	1492.97	1446.73	1402.26
45.0	1683.17	1663.85	1643.96	1618.79	1576.65	1538.62	1501.16	1463.71	1416.30
90.0	1639.86	1617.04	1575.48	1542.71	1505.26	1453.76	1413.38	1380.60	1339.64
135.0	1667.36	1646.88	1622.89	1591.87	1563.19	1532.18	1491.80	1456.68	1409.87
180.0	1660.93	1642.20	1612.35	1587.19	1560.85	1528.67	1481.26	1450.25	1419.81
225.0	1652.73	1621.13	1602.40	1573.73	1540.96	1496.48	1461.95	1425.08	1374.75
270.0	1674.97	1652.73	1631.08	1597.14	1567.88	1533.93	1505.84	1460.78	1422.74
315.0	1683.17	1653.32	1624.64	1598.89	1552.66	1523.40	1484.77	1435.62	1389.38
360.0	1679.07	1660.93	1639.86	1605.33	1572.56	1540.37	1492.97	1446.73	1402.26

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1357.20	1295.75	1165.48	1165.48	1120.06	1041.70	975.28	916.29	846.82
45.0	1374.17	1330.86	1268.83	1218.50	1165.83	1106.72	1038.25	980.90	917.69
90.0	1297.50	1167.52	1167.52	1125.10	1071.08	1001.67	948.01	879.42	814.11
135.0	1370.07	1328.52	1282.29	1219.08	1165.83	1111.40	1054.63	982.07	927.05
180.0	1384.70	1339.64	1293.99	1249.51	1184.55	1134.22	1064.00	1008.40	951.63
225.0	1330.27	1243.08	1164.83	1164.83	1109.24	1039.77	983.53	926.94	861.69
270.0	1380.60	1334.37	1268.24	1212.06	1155.29	1085.65	1025.37	966.26	894.28
315.0	1332.03	1250.68	1163.60	1163.60	1088.64	1029.88	970.48	907.39	824.82
360.0	1357.20	1295.75	1165.48	1165.48	1120.06	1041.70	975.28	916.29	846.82

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	747.27	659.78	578.32	476.20	397.08	306.83	241.29	183.23	135.77
45.0	855.66	758.51	676.58	591.14	486.97	406.79	314.91	298.52	298.52
90.0	743.35	643.75	564.27	482.93	384.20	314.62	250.24	193.36	136.77
135.0	861.51	783.09	683.60	602.26	502.18	425.52	351.78	300.86	300.86
180.0	884.33	790.11	711.69	623.32	539.05	434.88	356.46	303.79	303.79
225.0	767.35	683.37	596.81	511.43	413.23	338.96	272.01	200.44	152.74
270.0	828.15	731.00	649.66	567.14	481.11	388.06	318.42	301.45	301.45
315.0	750.02	666.04	583.70	478.95	399.36	308.12	244.92	188.85	130.33
360.0	747.27	659.78	578.32	476.20	397.08	306.83	241.29	183.23	135.77

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	93.34	72.98	60.63	51.91	43.83	38.86	34.65	30.49	27.68
45.0	142.97	100.31	79.30	66.60	57.41	48.81	43.37	38.80	34.06
90.0	104.11	82.98	69.82	57.41	50.33	43.25	38.68	34.82	30.61
135.0	158.42	118.27	84.39	68.35	57.24	48.98	41.14	36.17	31.95
180.0	155.14	115.82	88.66	68.35	55.01	47.11	40.91	36.17	31.31
225.0	116.81	87.61	72.63	58.76	50.45	44.07	38.86	33.77	30.43
270.0	140.57	106.86	85.03	69.00	57.06	49.33	41.79	37.22	33.18
315.0	96.85	75.03	61.74	50.62	43.72	38.27	33.88	29.44	26.51
360.0	93.34	72.98	60.63	51.91	43.83	38.86	34.65	30.49	27.68

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	25.28	22.71	20.95	19.66	18.32	17.32	16.39	15.57	14.69
45.0	31.08	28.38	26.16	23.70	22.00	20.25	18.96	17.79	16.56
90.0	27.80	25.34	23.35	21.30	19.96	18.73	17.62	16.33	15.57
135.0	27.92	25.11	22.82	20.48	18.90	17.26	16.09	15.22	14.46
180.0	28.27	25.69	23.47	21.07	19.55	18.26	17.21	15.92	15.04
225.0	27.51	25.11	22.59	20.89	19.43	18.08	16.68	15.68	14.69
270.0	29.09	26.34	23.94	22.00	20.01	18.67	17.50	16.50	15.33
315.0	24.05	21.42	19.66	18.26	16.80	15.74	14.86	13.87	13.23
360.0	25.28	22.71	20.95	19.66	18.32	17.32	16.39	15.57	14.69
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	14.05	13.40	12.70	12.11	11.65	11.06	10.71	10.42	10.12
45.0	15.68	14.92	14.16	13.46	12.58	12.00	11.47	10.89	10.53
90.0	14.75	13.81	13.11	12.52	11.88	11.35	11.00	10.53	10.24
135.0	13.58	12.93	12.41	11.88	11.41	11.00	10.65	10.36	10.01
180.0	14.05	13.40	12.82	12.17	11.76	11.35	11.00	10.71	10.42
225.0	13.93	13.23	12.47	11.94	11.53	11.12	10.71	10.36	10.12
270.0	14.57	13.93	13.17	12.64	12.06	11.70	11.29	10.89	10.48
315.0	12.70	12.11	11.59	11.24	10.89	10.53	10.24	9.95	9.71
360.0	14.05	13.40	12.70	12.11	11.65	11.06	10.71	10.42	10.12
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.89	9.66	9.42	9.19	9.01	8.84	8.54	8.43	8.19
45.0	10.24	9.89	9.60	9.31	9.07	8.84	8.60	8.43	8.19
90.0	10.01	9.71	9.42	9.19	8.95	8.72	8.43	8.25	8.08
135.0	9.77	9.42	9.25	9.01	8.84	8.60	8.43	8.25	8.08
180.0	10.18	9.95	9.66	9.48	9.25	9.01	8.84	8.66	8.43
225.0	9.83	9.54	9.31	9.07	8.78	8.60	8.37	8.19	8.02
270.0	10.18	9.95	9.71	9.36	9.13	8.90	8.60	8.43	8.19
315.0	9.42	9.19	8.95	8.78	8.54	8.37	8.19	7.96	7.84
360.0	9.89	9.66	9.42	9.19	9.01	8.84	8.54	8.43	8.19
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	7.61	7.43	7.20	7.08	6.91	6.67	6.50
45.0	7.96	7.78	7.61	7.43	7.26	7.02	6.91	6.67	6.50
90.0	7.84	7.67	7.43	7.26	7.08	6.85	6.73	6.55	6.38
135.0	7.90	7.72	7.55	7.37	7.20	6.96	6.85	6.67	6.55
180.0	8.25	8.08	7.90	7.67	7.49	7.37	7.14	6.96	6.85
225.0	7.84	7.61	7.43	7.26	7.08	6.85	6.73	6.55	6.44
270.0	7.96	7.78	7.61	7.37	7.20	7.02	6.79	6.61	6.44
315.0	7.67	7.43	7.26	7.08	6.91	6.73	6.55	6.38	6.20
360.0	7.96	7.78	7.61	7.43	7.20	7.08	6.91	6.67	6.50
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.38	6.26	6.09	5.91	5.79	5.68	5.50	5.44	5.21
45.0	6.32	6.20	6.03	5.91	5.74	5.62	5.50	5.38	5.33
90.0	6.20	6.03	5.91	5.79	5.68	5.50	5.38	5.33	5.21
135.0	6.32	6.14	6.03	5.91	5.74	5.62	5.50	5.38	5.33
180.0	6.67	6.50	6.32	6.20	6.03	5.91	5.79	5.68	5.50
225.0	6.20	6.09	5.91	5.79	5.74	5.56	5.44	5.38	5.21
270.0	6.26	6.14	5.97	5.85	5.68	5.56	5.38	5.33	5.27
315.0	6.09	5.91	5.79	5.62	5.50	5.38	5.33	5.21	5.15
360.0	6.38	6.26	6.09	5.91	5.79	5.68	5.50	5.44	5.21

Intensity data(cd)

C/γ(°)	90.0
0.0	5.21
45.0	5.21
90.0	5.15
135.0	5.21
180.0	5.21
225.0	5.15
270.0	5.15
315.0	5.15
360.0	5.21