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NT

Client:

LumCAT: 3-2806-L

Luminaire: 92.70.411.00

Report No: 2024402-B028

Ballast type: AC

Test No: 2024402-C028

Voltage(V): 35.180

LampCAT: LUMILEDS LUXEON 1205

Current(A): 0.485

Lamp flux(lm): 2202.0

Power (W): 17.062

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1855.32, Efficiency(%): 84.26% , Luminous Efficacy(lm/W): 108.74

Central intensity(cd): 6417.344, Maximum intensity(cd): 6417.344

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.0

[C90/270]Total=24.0

Field angle(10%Imax): [C0/180]Total=59.0

[C90/270]Total=59.0

Maximum s/h(1/2): C0_180=0.40 C90_270=0.40

Maximum s/h(1/4): C0_180=0.46 C90_270=0.46

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.26%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.773%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/4/02
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	6417.343	0.000	0	0.00%	0.00%
1.0	6399.274	6.133	6.133	0.28%	0.33%
2.0	6323.561	18.261	24.394	0.83%	1.31%
3.0	6190.057	29.928	54.322	1.36%	2.93%
4.0	5981.643	40.743	95.065	1.85%	5.12%
5.0	5685.007	50.189	145.254	2.28%	7.83%
6.0	5341.846	57.949	203.203	2.63%	10.95%
7.0	4980.250	64.069	267.272	2.91%	14.41%
8.0	4574.543	68.382	335.654	3.11%	18.09%
9.0	4202.193	71.131	406.785	3.23%	21.93%
10.0	3832.843	72.714	479.499	3.30%	25.84%
11.0	3501.460	73.285	552.783	3.33%	29.79%
12.0	3193.631	73.187	625.97	3.32%	33.74%
13.0	2914.991	72.494	698.464	3.29%	37.65%
14.0	2633.644	71.022	769.486	3.23%	41.47%
15.0	2411.551	69.263	838.749	3.15%	45.21%
16.0	2195.750	67.510	906.259	3.07%	48.85%
17.0	2010.087	65.496	971.755	2.97%	52.38%
18.0	1844.761	63.558	1035.313	2.89%	55.80%
19.0	1701.454	61.697	1097.01	2.80%	59.13%
20.0	1565.535	59.795	1156.805	2.72%	62.35%
21.0	1424.547	57.416	1214.221	2.61%	65.45%
22.0	1260.355	53.954	1268.175	2.45%	68.35%
23.0	1189.572	51.406	1319.581	2.33%	71.12%
24.0	1085.570	49.743	1369.324	2.26%	73.81%
25.0	969.652	46.731	1416.055	2.12%	76.32%
26.0	864.414	43.293	1459.348	1.97%	78.66%
27.0	789.052	40.452	1499.801	1.84%	80.84%
28.0	730.727	38.478	1538.278	1.75%	82.91%
29.0	678.290	36.864	1575.142	1.67%	84.90%
30.0	607.815	34.725	1609.867	1.58%	86.77%
31.0	525.934	31.551	1641.417	1.43%	88.47%
32.0	438.304	27.624	1669.042	1.25%	89.96%
33.0	353.293	23.321	1692.362	1.06%	91.22%
34.0	284.295	19.295	1711.658	0.88%	92.26%
35.0	234.704	16.118	1727.776	0.73%	93.13%
36.0	151.493	12.297	1740.073	0.56%	93.79%
37.0	90.842	7.904	1747.976	0.36%	94.21%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	74.272	5.511	1753.487	0.25%	94.51%
39.0	65.852	4.783	1758.27	0.22%	94.77%
40.0	59.942	4.387	1762.657	0.20%	95.01%
41.0	55.121	4.097	1766.755	0.19%	95.23%
42.0	50.556	3.839	1770.594	0.17%	95.43%
43.0	46.394	3.591	1774.186	0.16%	95.63%
44.0	42.780	3.366	1777.551	0.15%	95.81%
45.0	39.210	3.151	1780.702	0.14%	95.98%
46.0	36.299	2.953	1783.655	0.13%	96.14%
47.0	33.643	2.782	1786.437	0.13%	96.29%
48.0	31.397	2.629	1789.066	0.12%	96.43%
49.0	29.422	2.498	1791.564	0.11%	96.56%
50.0	27.528	2.374	1793.938	0.11%	96.69%
51.0	26.021	2.266	1796.204	0.10%	96.81%
52.0	24.689	2.176	1798.38	0.10%	96.93%
53.0	23.563	2.099	1800.479	0.10%	97.04%
54.0	22.685	2.038	1802.517	0.09%	97.15%
55.0	21.844	1.988	1804.505	0.09%	97.26%
56.0	21.185	1.944	1806.449	0.09%	97.37%
57.0	20.754	1.918	1808.367	0.09%	97.47%
58.0	20.337	1.900	1810.267	0.09%	97.57%
59.0	19.905	1.881	1812.148	0.09%	97.67%
60.0	19.539	1.863	1814.012	0.08%	97.77%
61.0	19.093	1.844	1815.855	0.08%	97.87%
62.0	18.347	1.804	1817.659	0.08%	97.97%
63.0	17.593	1.748	1819.407	0.08%	98.06%
64.0	16.759	1.686	1821.093	0.08%	98.16%
65.0	15.933	1.618	1822.711	0.07%	98.24%
66.0	15.172	1.552	1824.263	0.07%	98.33%
67.0	14.609	1.497	1825.76	0.07%	98.41%
68.0	14.228	1.461	1827.221	0.07%	98.49%
69.0	14.360	1.458	1828.679	0.07%	98.56%
70.0	14.375	1.476	1830.155	0.07%	98.64%
71.0	14.184	1.476	1831.631	0.07%	98.72%
72.0	14.645	1.499	1833.13	0.07%	98.80%
73.0	14.675	1.533	1834.663	0.07%	98.89%
74.0	14.514	1.534	1836.198	0.07%	98.97%
75.0	14.894	1.554	1837.752	0.07%	99.05%

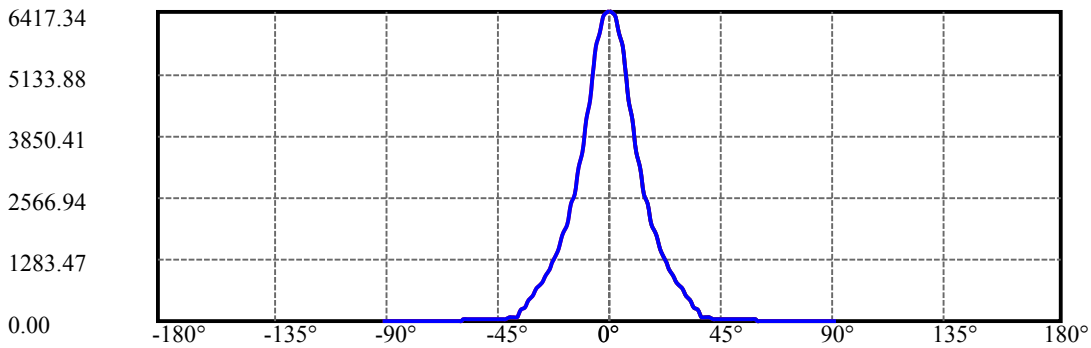
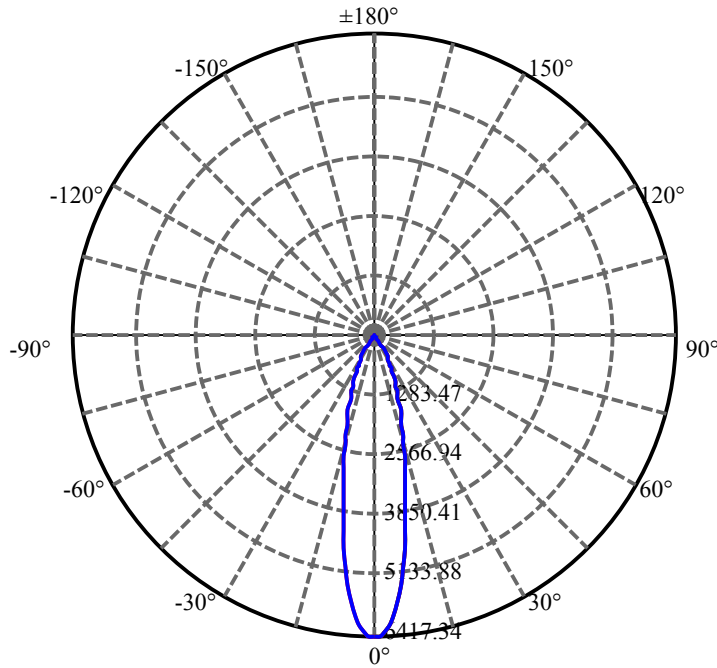
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	14.418	1.556	1839.308	0.07%	99.14%
77.0	14.470	1.540	1840.848	0.07%	99.22%
78.0	14.067	1.528	1842.376	0.07%	99.30%
79.0	13.585	1.486	1843.861	0.07%	99.38%
80.0	12.714	1.418	1845.279	0.06%	99.46%
81.0	11.631	1.317	1846.596	0.06%	99.53%
82.0	10.095	1.178	1847.774	0.05%	99.59%
83.0	9.225	1.050	1848.824	0.05%	99.65%
84.0	8.991	0.992	1849.816	0.05%	99.70%
85.0	8.756	0.969	1850.785	0.04%	99.76%
86.0	8.493	0.943	1851.728	0.04%	99.81%
87.0	8.296	0.919	1852.647	0.04%	99.86%
88.0	8.149	0.901	1853.548	0.04%	99.90%
89.0	8.091	0.890	1854.438	0.04%	99.95%
90.0	8.018	0.883	1855.321	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1609.87	73.11%	86.77%
0-40	1762.66	80.05%	95.01%
0-60	1814.01	82.38%	97.77%
0-90	1854.44	84.22%	99.95%
0-120	1854.44	84.22%	99.95%
0-180	1855.32	84.26%	100.00%
60-90	40.43	1.84%	2.18%
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%
0-26.62	1484.26	67.40%	80.00%

ZONAL LUMEN SUMMARY

0-10	479.50
10-20	677.31
20-30	453.06
30-40	152.79
40-50	31.28
50-60	20.07
60-70	16.14
70-80	15.12
80-90	9.16
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: —————

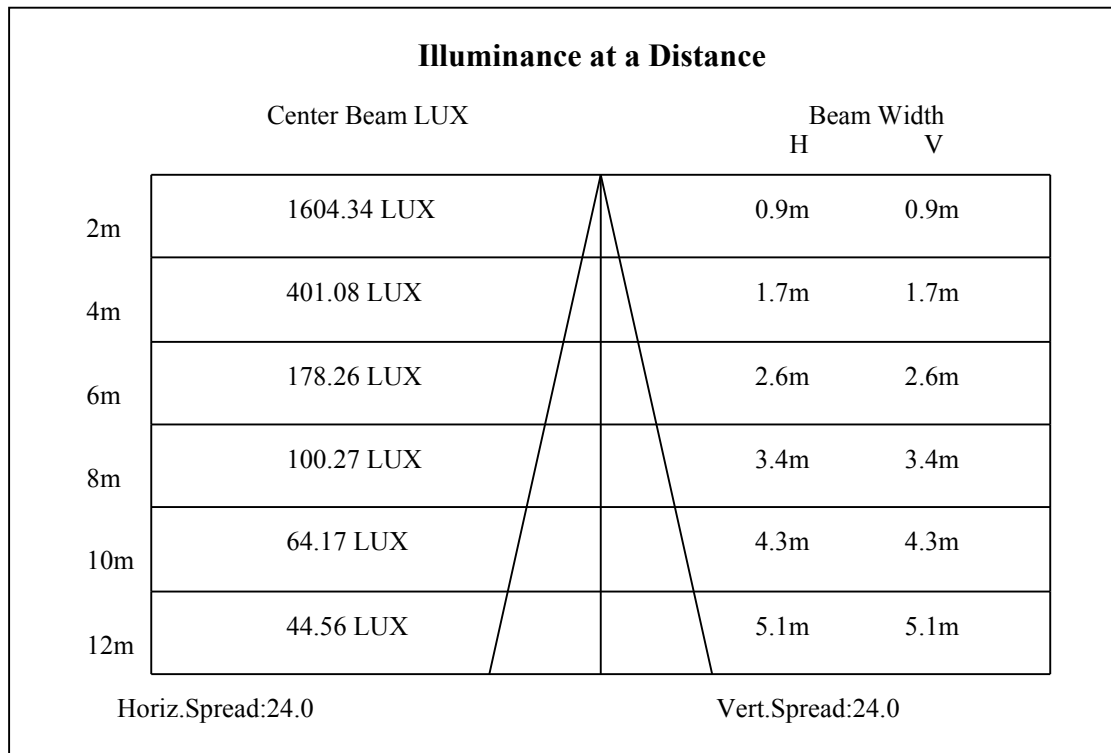
C90/C270: —————

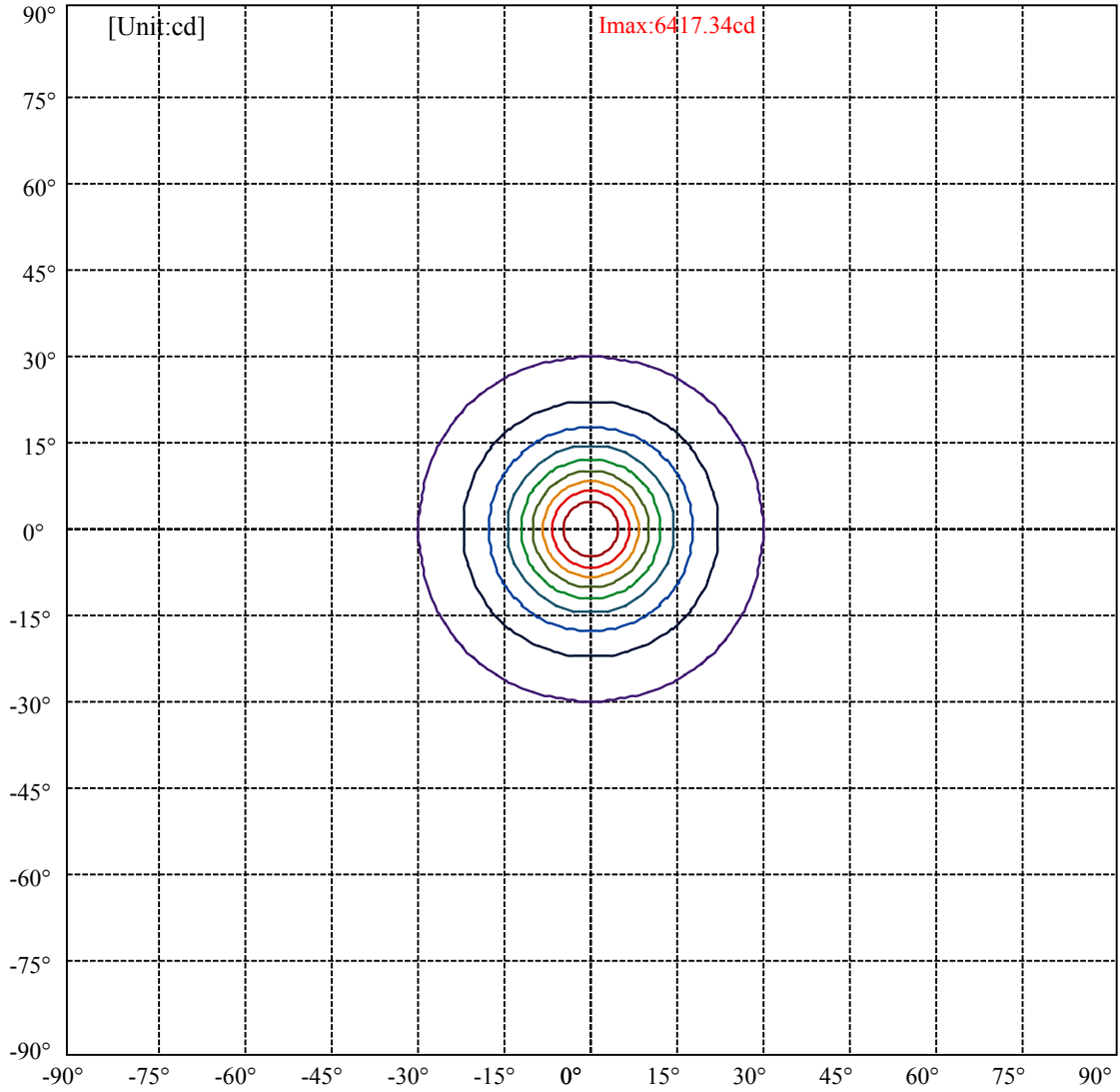
Field angle(10%Imax):C0/180Left:29.5 Right:29.5

:C90/270Left:29.5 Right:29.5

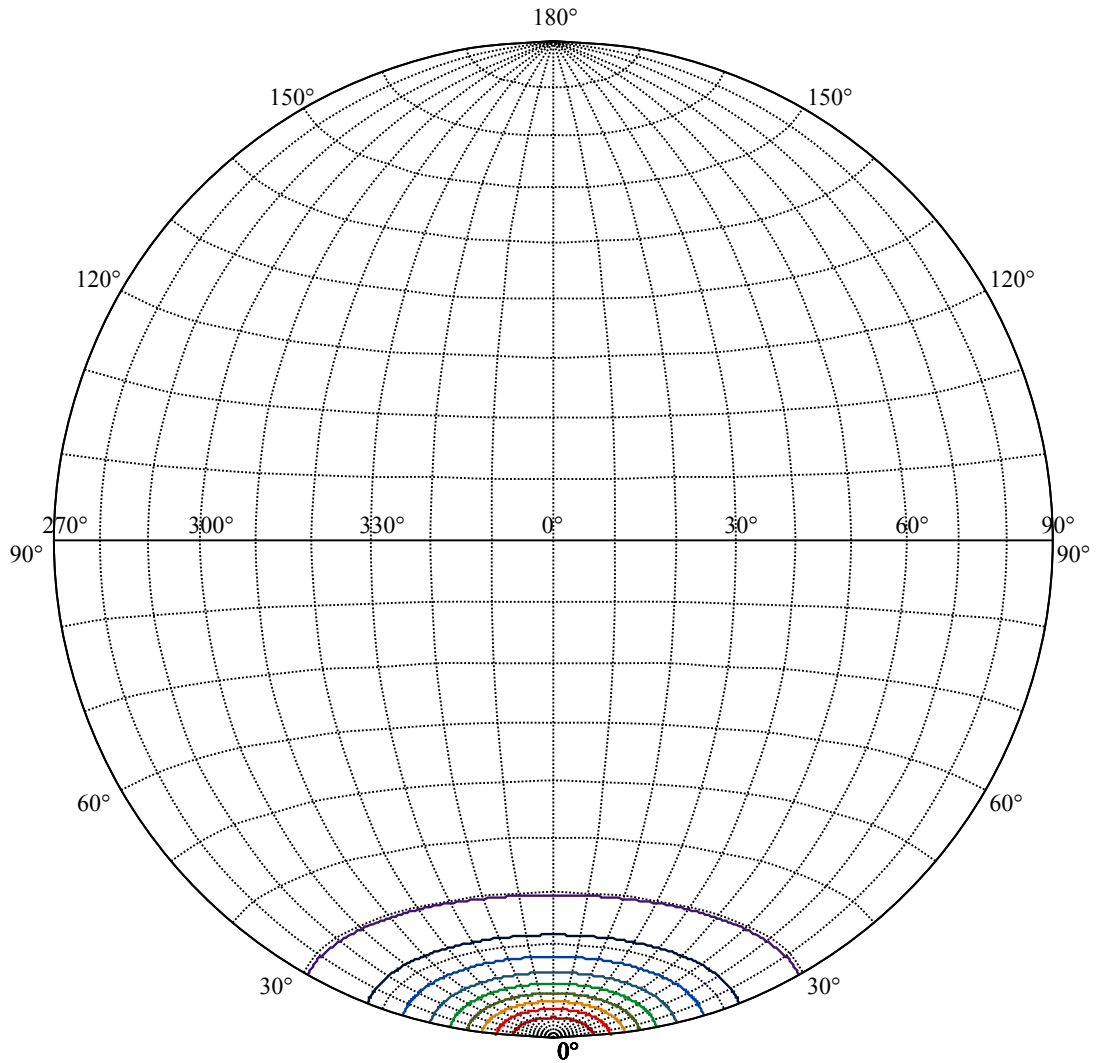
Beam Angle(50%Imax):C0/180Left:12.0 Right:12.0

:C90/270Left:12.0 Right:12.0





(10%Imax) 641.734	—
(20%Imax) 1283.47	—
(30%Imax) 1925.2	—
(40%Imax) 2566.94	—
(50%Imax) 3208.67	—
(60%Imax) 3850.41	—
(70%Imax) 4492.14	—
(80%Imax) 5133.88	—
(90%Imax) 5775.61	—



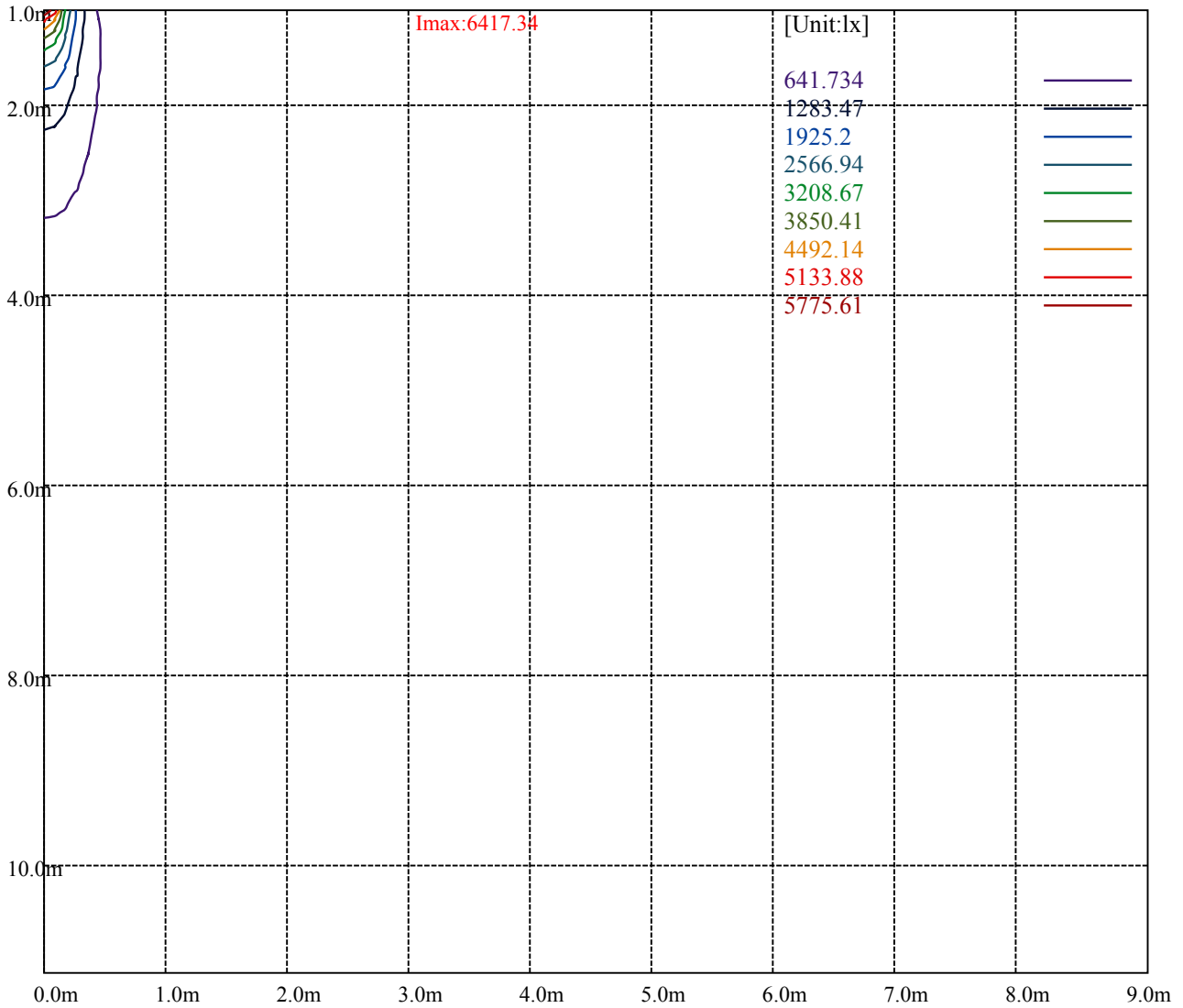
House

[Unit:cd]

Road

Imax:6417.34

(10%Imax)	641.734	—
(20%Imax)	1283.47	—
(30%Imax)	1925.2	—
(40%Imax)	2566.94	—
(50%Imax)	3208.67	—
(60%Imax)	3850.41	—
(70%Imax)	4492.14	—
(80%Imax)	5133.88	—
(90%Imax)	5775.61	—



Luminance Table

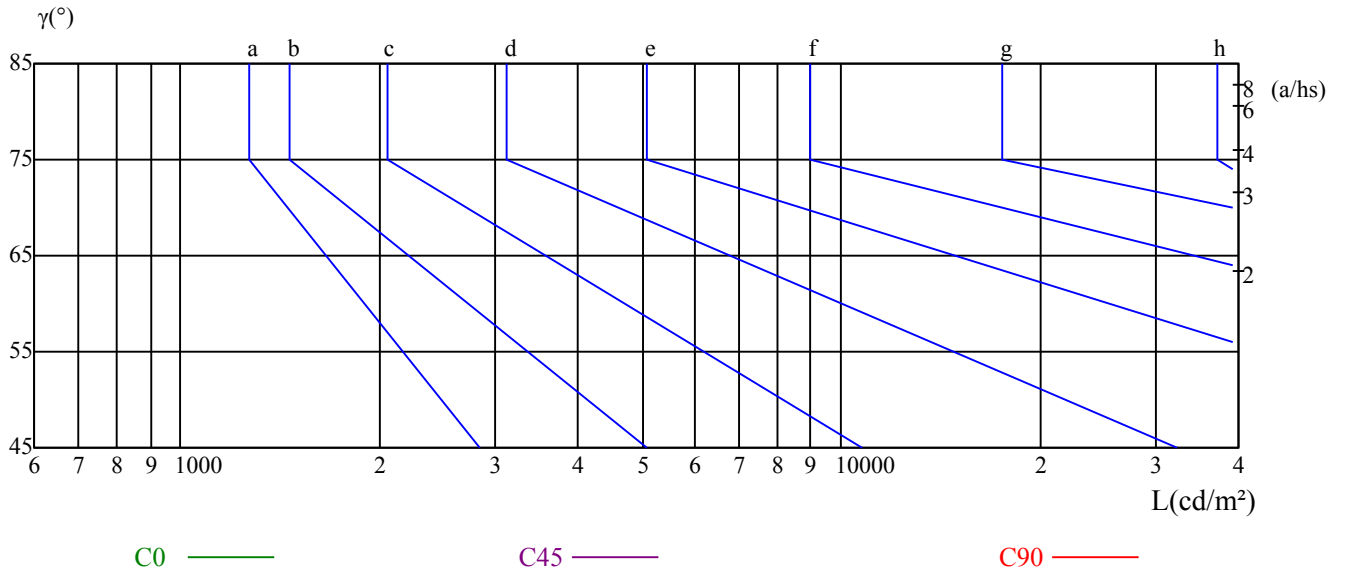
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

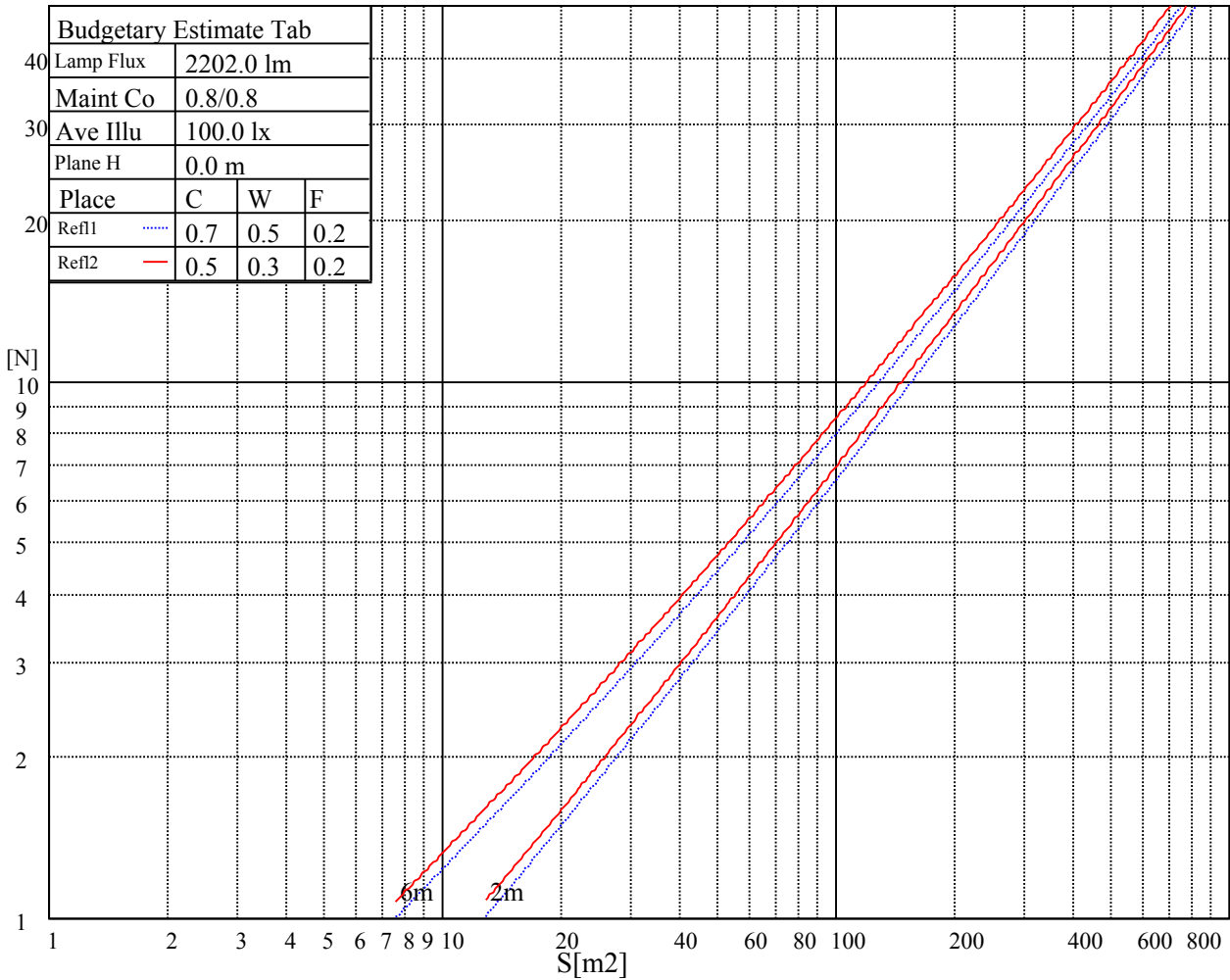
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

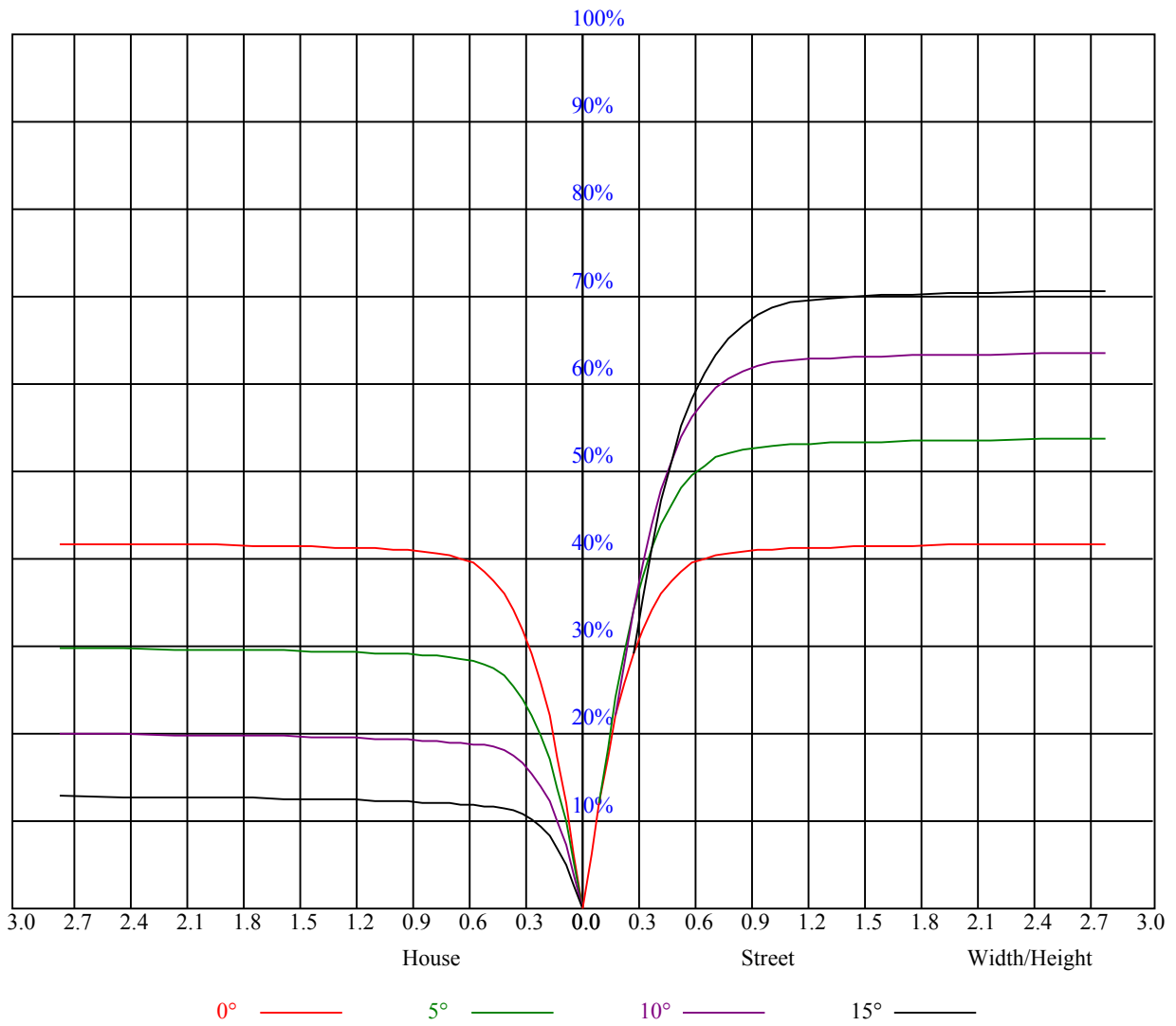


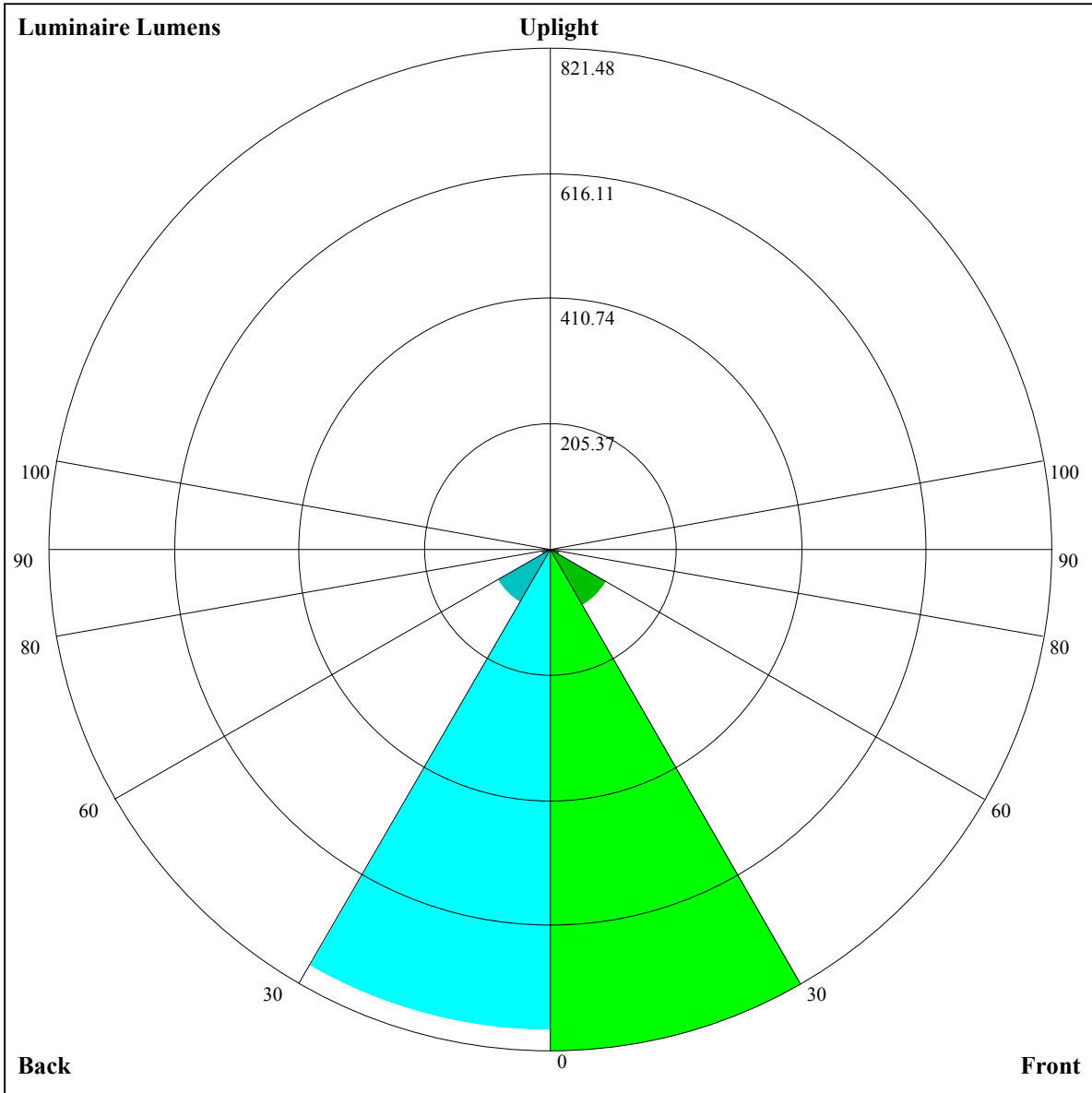
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	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	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	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	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	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	非数字
8H	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	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	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	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	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	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	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	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	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 RHOF=20 CU															
0	1.00	1.00	1.00	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.84
1	0.94	0.92	0.90	0.92	0.90	0.89	0.89	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.83	0.87	0.84	0.82	0.84	0.82	0.80	0.82	0.80	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.77	0.81	0.78	0.76	0.79	0.76	0.74	0.77	0.75	0.73	0.72
4	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.71	0.75	0.73	0.71	0.74	0.72	0.70	0.69
5	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.73	0.70	0.67	0.71	0.69	0.67	0.66
6	0.73	0.69	0.66	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
7	0.70	0.65	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.64	0.61	0.60
8	0.67	0.63	0.60	0.66	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.64	0.61	0.59	0.58
9	0.64	0.60	0.58	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.56
10	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.54





Luminaire Lumens:

FL=821.48,FM=107.23,FH=15.94,FVH=5.08

BL=787.57,BM=101.05,BH=14.96,BVH=4.95

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	6434.61	6412.37	6357.94	6216.90	6024.95	5775.06	5387.64	5031.82	4679.52
45.0	6403.59	6431.10	6420.56	6351.51	6253.19	6086.98	5842.94	5462.55	5120.19
90.0	6424.66	6400.66	6308.20	6173.01	5964.67	5618.80	5298.69	4951.06	4584.13
135.0	6406.52	6417.64	6375.50	6258.45	6103.37	5859.92	5547.99	5210.32	4756.18
180.0	6434.61	6403.59	6343.31	6220.42	5960.58	5668.55	5324.44	4955.16	4501.02
225.0	6403.59	6338.63	6157.21	5941.26	5635.78	5196.27	4828.75	4448.35	4004.75
270.0	6424.66	6415.29	6346.24	6233.88	6054.21	5718.88	5384.13	5018.95	4556.04
315.0	6406.52	6374.91	6279.52	6125.02	5856.41	5555.60	5120.19	4763.79	4394.51
360.0	6434.61	6412.37	6357.94	6216.90	6024.95	5775.06	5387.64	5031.82	4679.52
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4328.38	3897.66	3587.49	3285.51	3015.14	2693.85	2467.37	2266.05	2043.66
45.0	4681.27	4326.63	3991.88	3603.87	3311.26	3036.79	2775.20	2486.68	2290.04
90.0	4149.30	3815.73	3500.87	3218.80	2883.46	2640.01	2374.90	2183.53	2014.40
135.0	4402.12	4043.96	3639.57	3338.77	3053.76	2738.33	2501.31	2241.47	2060.64
180.0	4138.77	3787.63	3384.41	3093.56	2816.16	2509.50	2308.19	2113.89	1913.74
225.0	3665.91	3289.02	3006.94	2752.96	2517.70	2266.05	2093.41	1930.72	1781.48
270.0	4202.56	3854.35	3546.52	3182.51	2906.87	2654.64	2444.54	2196.99	2033.72
315.0	4049.23	3647.77	3353.98	3073.07	2815.58	2529.99	2327.50	2146.66	1943.01
360.0	4328.38	3897.66	3587.49	3285.51	3015.14	2693.85	2467.37	2266.05	2043.66
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1892.09	1721.79	1594.80	1471.90	1163.31	1163.31	1104.14	992.48	881.76
45.0	2118.57	1956.47	1780.90	1656.25	1533.35	1389.38	1281.70	1165.24	1019.52
90.0	1827.13	1693.70	1567.29	1451.42	1145.64	1145.64	1088.69	976.80	851.68
135.0	1904.97	1764.51	1603.58	1480.09	1373.00	1265.90	1130.71	1021.86	905.40
180.0	1768.02	1625.81	1511.69	1372.41	1267.07	1164.66	1028.88	918.28	825.81
225.0	1615.28	1494.14	1385.29	1145.75	1145.75	1037.72	924.13	809.54	749.09
270.0	1837.08	1694.28	1571.39	1424.50	1313.89	1209.13	1100.28	959.24	856.24
315.0	1794.94	1660.93	1509.35	1394.06	1140.84	1140.84	1026.02	913.77	825.81
360.0	1892.09	1721.79	1594.80	1471.90	1163.31	1163.31	1104.14	992.48	881.76
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	787.48	740.08	694.55	634.15	538.93	459.64	378.17	277.46	202.14
45.0	904.23	800.06	746.81	702.91	640.88	551.93	471.75	390.99	313.15
90.0	784.32	739.61	691.09	608.46	532.96	428.97	348.50	267.62	179.55
135.0	824.64	753.83	712.86	637.37	565.97	467.65	388.65	311.40	311.40
180.0	764.36	714.03	664.29	580.02	499.84	419.08	320.76	299.11	299.11
225.0	708.77	646.38	577.97	499.26	398.54	315.85	240.29	171.65	101.95
270.0	781.92	736.27	680.09	612.79	541.39	458.29	354.70	311.98	311.98
315.0	756.70	715.55	658.67	587.57	488.96	405.03	323.51	244.16	158.36
360.0	787.48	740.08	694.55	634.15	538.93	459.64	378.17	277.46	202.14
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	140.75	89.77	76.31	69.64	62.15	57.53	53.37	48.52	45.06
45.0	313.15	147.42	97.91	77.54	68.59	62.33	57.41	52.03	47.99
90.0	122.31	86.38	75.61	67.18	61.68	57.00	52.61	47.52	44.01
135.0	218.41	98.14	79.01	71.87	65.49	59.17	54.72	50.15	46.53
180.0	116.52	82.98	70.52	64.49	59.11	54.60	48.98	45.24	41.90
225.0	72.51	63.56	58.70	52.96	48.92	45.00	40.85	38.10	34.53
270.0	123.13	82.87	67.18	61.57	56.65	52.44	47.46	43.89	40.79
315.0	105.16	75.61	68.94	61.57	56.94	52.90	49.04	45.71	41.43
360.0	140.75	89.77	76.31	69.64	62.15	57.53	53.37	48.52	45.06

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	41.61	38.51	35.29	32.95	30.96	28.62	27.04	25.52	24.40
45.0	43.72	40.20	37.16	34.59	32.25	29.67	27.86	26.16	24.64
90.0	40.56	36.87	34.35	32.07	29.67	27.92	26.10	24.87	23.82
135.0	42.31	39.09	35.76	33.42	31.37	29.14	27.51	26.16	25.05
180.0	37.81	35.17	32.36	30.31	28.50	26.57	25.28	24.11	22.88
225.0	32.30	30.37	28.56	26.74	25.40	24.23	23.23	22.00	21.24
270.0	36.99	34.35	32.19	30.14	28.03	26.45	25.11	23.76	22.77
315.0	38.39	35.82	33.47	30.96	29.20	27.62	26.04	24.93	23.70
360.0	41.61	38.51	35.29	32.95	30.96	28.62	27.04	25.52	24.40
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	23.47	22.65	21.77	21.42	21.07	20.54	20.07	19.78	18.96
45.0	23.58	22.59	21.83	21.01	20.48	20.13	19.66	19.31	18.96
90.0	22.94	21.89	21.19	20.83	20.48	19.84	19.61	19.31	18.55
135.0	23.82	23.00	22.24	21.48	21.13	20.66	20.19	19.72	19.20
180.0	22.06	21.42	20.72	20.37	19.96	19.55	19.25	18.90	17.97
225.0	20.66	19.84	19.66	19.49	18.96	18.73	18.32	17.50	16.85
270.0	22.00	21.19	20.54	20.25	19.90	19.49	19.25	19.02	17.97
315.0	22.94	22.18	21.54	21.19	20.72	20.31	19.96	19.20	18.32
360.0	23.47	22.65	21.77	21.42	21.07	20.54	20.07	19.78	18.96
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	18.08	17.32	16.39	15.68	15.57	16.39	18.67	19.37	19.14
45.0	18.32	17.44	16.85	15.86	15.10	14.51	13.93	13.11	12.64
90.0	17.56	16.91	15.74	15.10	14.51	13.64	13.11	12.70	12.41
135.0	18.26	17.50	16.80	15.68	15.16	14.57	13.93	13.69	14.05
180.0	17.26	16.44	15.51	14.75	14.34	14.40	15.51	16.33	15.39
225.0	16.21	15.16	14.57	14.10	13.34	12.70	12.29	12.00	11.65
270.0	17.32	16.68	15.74	14.86	14.40	13.52	13.05	12.70	12.35
315.0	17.73	16.62	15.86	15.33	14.46	14.10	14.40	15.10	15.86
360.0	18.08	17.32	16.39	15.68	15.57	16.39	18.67	19.37	19.14
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	20.66	20.13	20.01	20.83	18.96	19.31	18.55	17.79	17.26
45.0	12.35	11.88	11.59	11.35	11.06	10.83	10.59	10.36	10.18
90.0	12.35	12.58	12.82	13.11	13.52	13.34	13.17	12.41	11.70
135.0	14.81	15.39	15.86	16.04	16.21	16.09	15.80	15.51	14.86
180.0	16.74	16.39	14.57	15.86	13.87	14.63	14.40	13.69	12.52
225.0	11.29	11.06	10.77	10.53	10.36	10.07	9.89	9.71	9.48
270.0	12.35	12.35	12.64	13.28	13.46	13.28	13.05	12.35	11.18
315.0	16.62	17.62	17.85	18.14	17.91	18.20	17.09	16.85	14.51
360.0	20.66	20.13	20.01	20.83	18.96	19.31	18.55	17.79	17.26
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	15.51	12.00	9.36	9.07	8.95	8.72	8.37	8.19	8.19
45.0	10.01	9.71	9.48	9.25	9.07	8.84	8.54	8.31	8.13
90.0	10.53	9.71	9.31	9.07	8.72	8.49	8.31	8.19	8.19
135.0	13.64	11.53	9.48	9.19	8.90	8.54	8.37	8.19	8.19
180.0	11.53	9.60	8.95	8.84	8.60	8.37	8.19	8.08	7.96
225.0	9.25	9.01	8.84	8.60	8.37	8.19	8.13	8.02	8.13
270.0	10.24	9.36	9.13	8.90	8.66	8.37	8.25	8.08	7.96
315.0	12.35	9.83	9.25	9.01	8.78	8.43	8.19	8.13	7.96
360.0	15.51	12.00	9.36	9.07	8.95	8.72	8.37	8.19	8.19

Intensity data(cd)

C/γ(°)	90.0
0.0	8.02
45.0	8.13
90.0	7.96
135.0	7.96
180.0	8.02
225.0	8.02
270.0	8.02
315.0	8.02
360.0	8.02