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Nata

Client:

LumCAT: 2-2756-L

Luminaire: 92.70.412.00

Report No: 2024814-B013

Ballast type: AC

Test No: 2024814-C013

Voltage(V): 34.800

LampCAT: LUMINUS CXM-14-AC40

Current(A): 0.694

Lamp flux(lm): 3147.0

Power (W): 24.150

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2890.46, Efficiency(%): 91.85% , Luminous Efficacy(lm/W): 119.69

Central intensity(cd): 6105.542, Maximum intensity(cd): 6105.542

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=37.6

[C90/270]Total=37.6

Field angle(10%Imax): [C0/180]Total=67.4

[C90/270]Total=67.4

Maximum s/h(1/2): C0_180=0.60 C90_270=0.60

Maximum s/h(1/4): C0_180=0.64 C90_270=0.64

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.85%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.371%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6105.542	0.000	0	0.00%	0.00%
1.0	6092.664	5.837	5.837	0.19%	0.20%
2.0	6053.104	17.433	23.269	0.55%	0.81%
3.0	5976.987	28.772	52.041	0.91%	1.80%
4.0	5889.911	39.722	91.764	1.26%	3.17%
5.0	5779.529	50.201	141.965	1.60%	4.91%
6.0	5636.822	59.996	201.961	1.91%	6.99%
7.0	5492.735	69.081	271.042	2.20%	9.38%
8.0	5316.316	77.358	348.4	2.46%	12.05%
9.0	5122.229	84.599	432.999	2.69%	14.98%
10.0	4921.085	90.888	523.887	2.89%	18.12%
11.0	4718.976	96.324	620.211	3.06%	21.46%
12.0	4509.823	100.884	721.095	3.21%	24.95%
13.0	4297.273	104.518	825.613	3.32%	28.56%
14.0	4078.160	107.205	932.818	3.41%	32.27%
15.0	3866.235	109.064	1041.882	3.47%	36.05%
16.0	3640.091	109.989	1151.871	3.50%	39.85%
17.0	3445.866	110.347	1262.218	3.51%	43.67%
18.0	3241.444	110.259	1372.478	3.50%	47.48%
19.0	3017.331	108.890	1481.367	3.46%	51.25%
20.0	2839.525	107.197	1588.564	3.41%	54.96%
21.0	2643.329	105.282	1693.846	3.35%	58.60%
22.0	2450.280	102.358	1796.204	3.25%	62.14%
23.0	2272.822	99.103	1895.308	3.15%	65.57%
24.0	2075.792	95.076	1990.384	3.02%	68.86%
25.0	1904.674	90.507	2080.891	2.88%	71.99%
26.0	1753.058	86.341	2167.232	2.74%	74.98%
27.0	1561.750	81.098	2248.33	2.58%	77.78%
28.0	1418.123	75.444	2323.774	2.40%	80.39%
29.0	1304.943	71.243	2395.017	2.26%	82.86%
30.0	1100.002	64.933	2459.95	2.06%	85.11%
31.0	981.841	57.935	2517.885	1.84%	87.11%
32.0	838.063	52.138	2570.023	1.66%	88.91%
33.0	692.189	45.082	2615.105	1.43%	90.47%
34.0	572.774	38.281	2653.386	1.22%	91.80%
35.0	479.022	32.665	2686.051	1.04%	92.93%
36.0	397.951	27.923	2713.974	0.89%	93.89%
37.0	331.912	23.804	2737.778	0.76%	94.72%

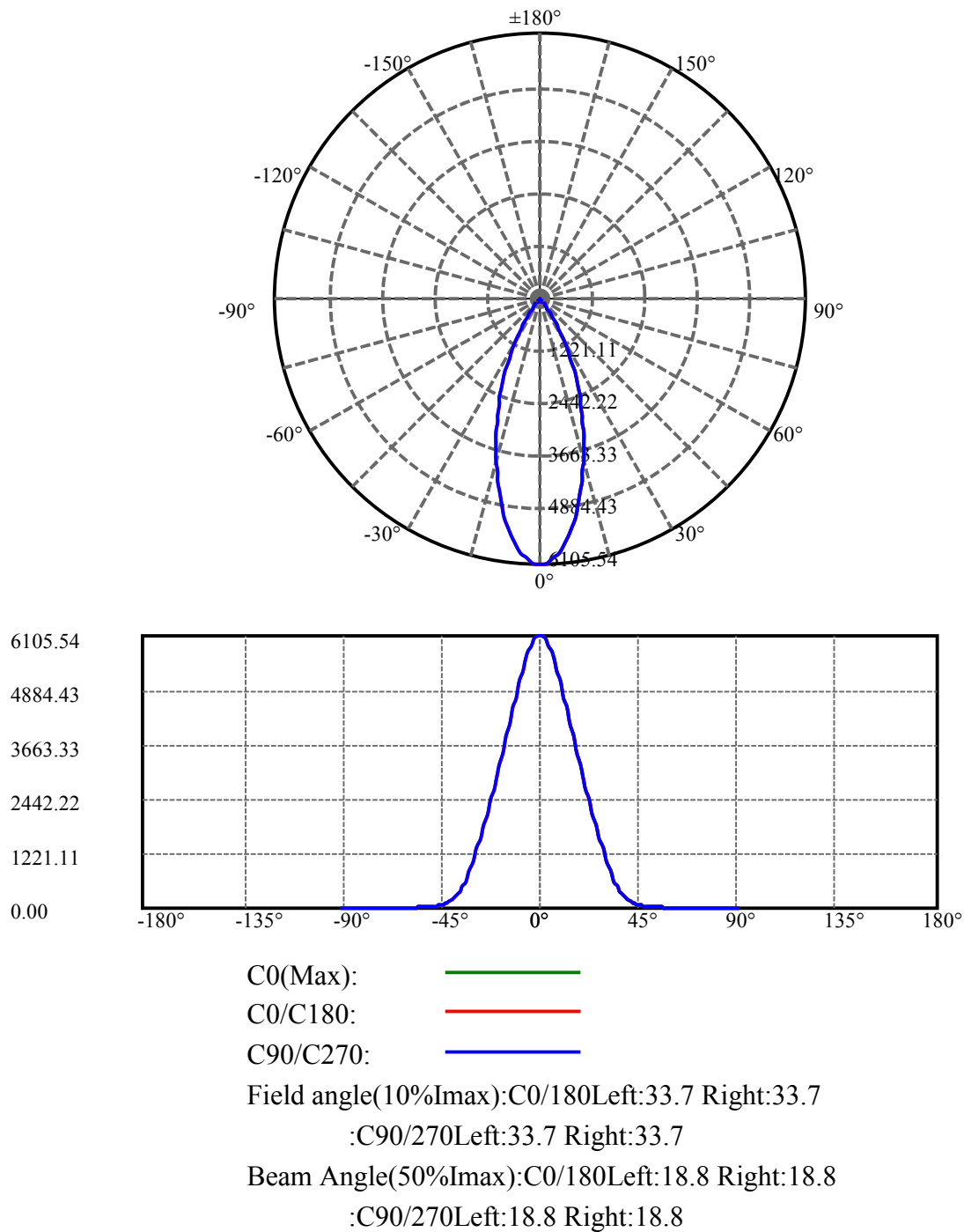
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	282.648	20.513	2758.291	0.65%	95.43%
39.0	233.864	17.630	2775.921	0.56%	96.04%
40.0	197.306	15.038	2790.959	0.48%	96.56%
41.0	160.184	12.730	2803.689	0.40%	97.00%
42.0	122.668	10.277	2813.965	0.33%	97.35%
43.0	101.860	8.317	2822.283	0.26%	97.64%
44.0	83.693	7.003	2829.286	0.22%	97.88%
45.0	67.628	5.815	2835.101	0.18%	98.08%
46.0	57.135	4.879	2839.98	0.16%	98.25%
47.0	48.239	4.191	2844.172	0.13%	98.40%
48.0	41.229	3.617	2847.788	0.11%	98.52%
49.0	36.071	3.174	2850.963	0.10%	98.63%
50.0	31.912	2.834	2853.797	0.09%	98.73%
51.0	28.535	2.557	2856.354	0.08%	98.82%
52.0	25.756	2.330	2858.684	0.07%	98.90%
53.0	23.679	2.150	2860.835	0.07%	98.97%
54.0	21.498	1.991	2862.826	0.06%	99.04%
55.0	19.744	1.841	2864.667	0.06%	99.11%
56.0	18.292	1.719	2866.385	0.05%	99.17%
57.0	16.997	1.614	2867.999	0.05%	99.22%
58.0	15.782	1.516	2869.515	0.05%	99.28%
59.0	14.704	1.425	2870.94	0.05%	99.32%
60.0	13.739	1.344	2872.284	0.04%	99.37%
61.0	12.891	1.271	2873.555	0.04%	99.42%
62.0	12.070	1.203	2874.757	0.04%	99.46%
63.0	11.334	1.138	2875.896	0.04%	99.50%
64.0	10.716	1.082	2876.978	0.03%	99.53%
65.0	10.125	1.031	2878.009	0.03%	99.57%
66.0	9.540	0.981	2878.99	0.03%	99.60%
67.0	9.047	0.935	2879.925	0.03%	99.64%
68.0	8.555	0.892	2880.816	0.03%	99.67%
69.0	8.075	0.848	2881.665	0.03%	99.70%
70.0	7.641	0.807	2882.472	0.03%	99.72%
71.0	7.208	0.767	2883.239	0.02%	99.75%
72.0	6.741	0.725	2883.965	0.02%	99.78%
73.0	6.321	0.683	2884.648	0.02%	99.80%
74.0	5.940	0.645	2885.292	0.02%	99.82%
75.0	5.512	0.605	2885.897	0.02%	99.84%

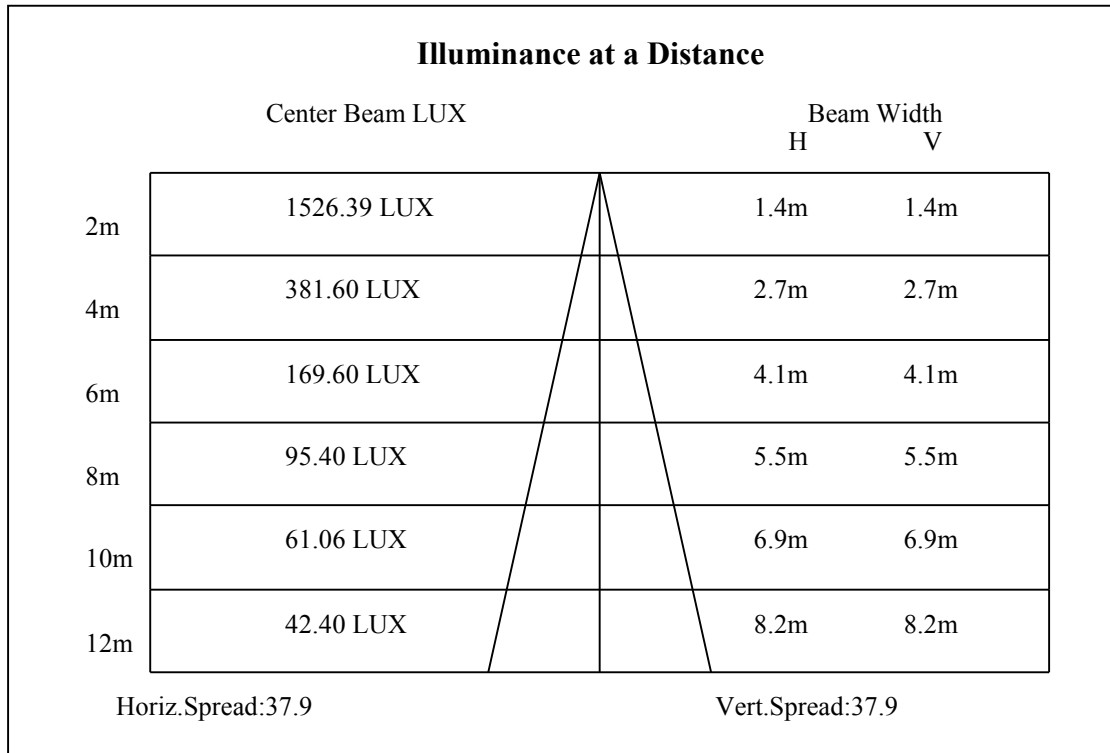
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	5.125	0.565	2886.462	0.02%	99.86%
77.0	4.737	0.526	2886.988	0.02%	99.88%
78.0	4.350	0.486	2887.474	0.02%	99.90%
79.0	3.922	0.444	2887.919	0.01%	99.91%
80.0	3.574	0.404	2888.323	0.01%	99.93%
81.0	3.154	0.364	2888.687	0.01%	99.94%
82.0	2.806	0.323	2889.01	0.01%	99.95%
83.0	2.457	0.286	2889.296	0.01%	99.96%
84.0	2.109	0.249	2889.545	0.01%	99.97%
85.0	1.827	0.215	2889.76	0.01%	99.98%
86.0	1.577	0.186	2889.946	0.01%	99.98%
87.0	1.353	0.160	2890.106	0.01%	99.99%
88.0	1.150	0.137	2890.243	0.00%	99.99%
89.0	0.972	0.116	2890.359	0.00%	100.00%
90.0	0.900	0.103	2890.462	0.00%	100.00%

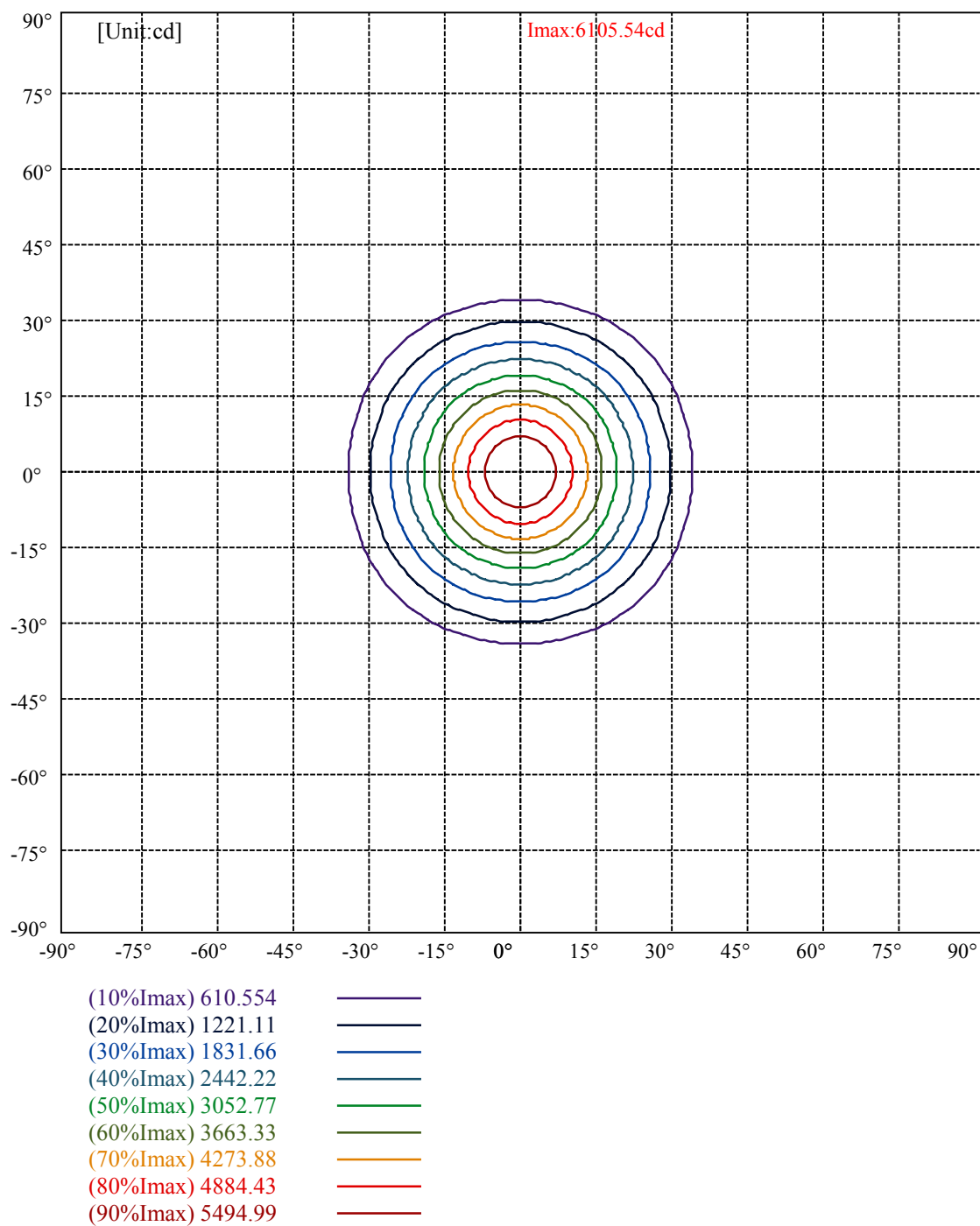
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	2459.95	78.17%	85.11%
0-40	2790.96	88.69%	96.56%
0-60	2872.28	91.27%	99.37%
0-90	2890.36	91.84%	100.00%
0-120	2890.36	91.84%	100.00%
0-180	2890.46	91.85%	100.00%
60-90	18.08	0.57%	0.63%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.85	2312.37	73.48%	80.00%

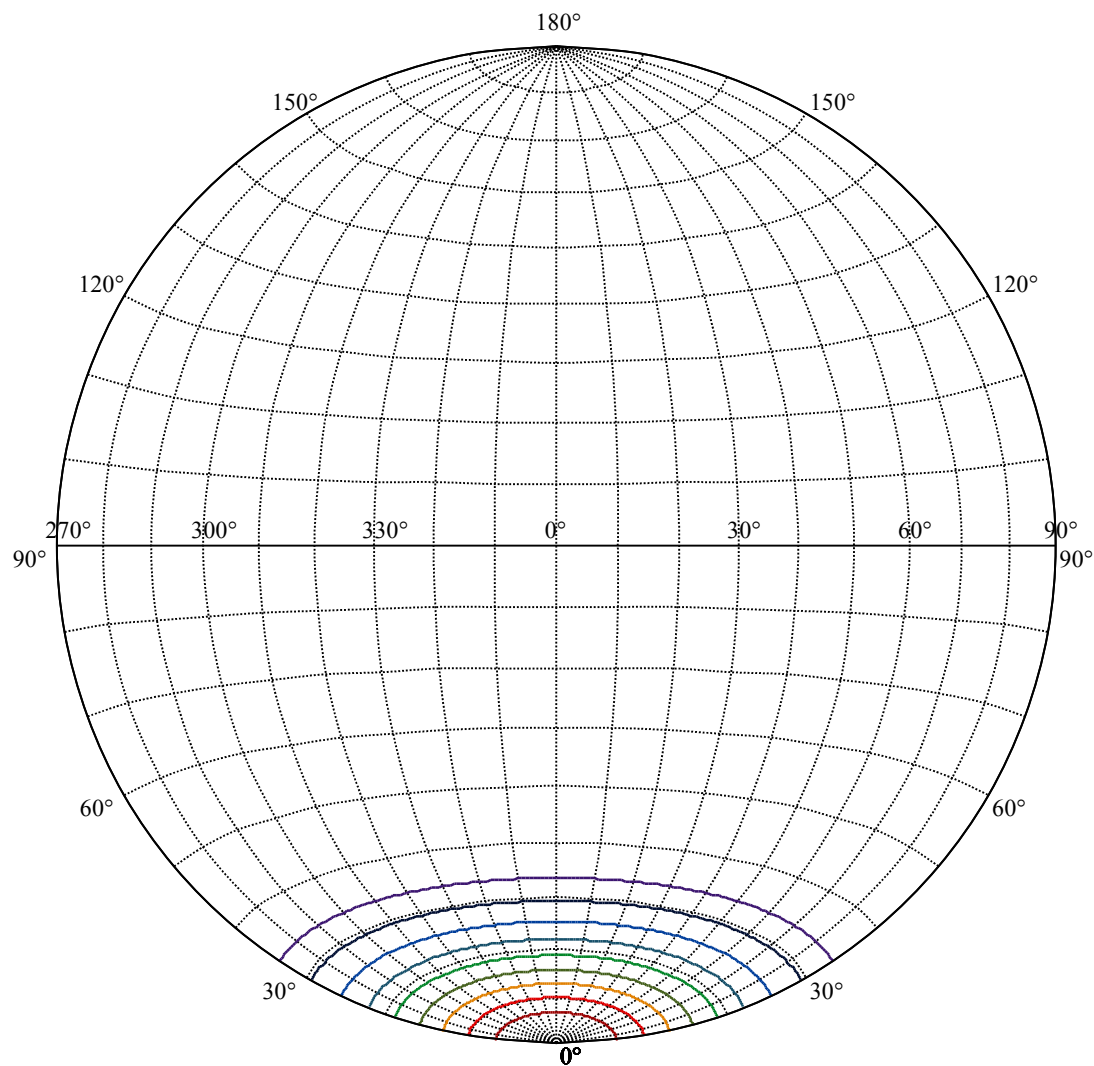
ZONAL LUMEN SUMMARY

0-10	523.89
10-20	1064.68
20-30	871.39
30-40	331.01
40-50	62.84
50-60	18.49
60-70	10.19
70-80	5.85
80-90	2.04
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







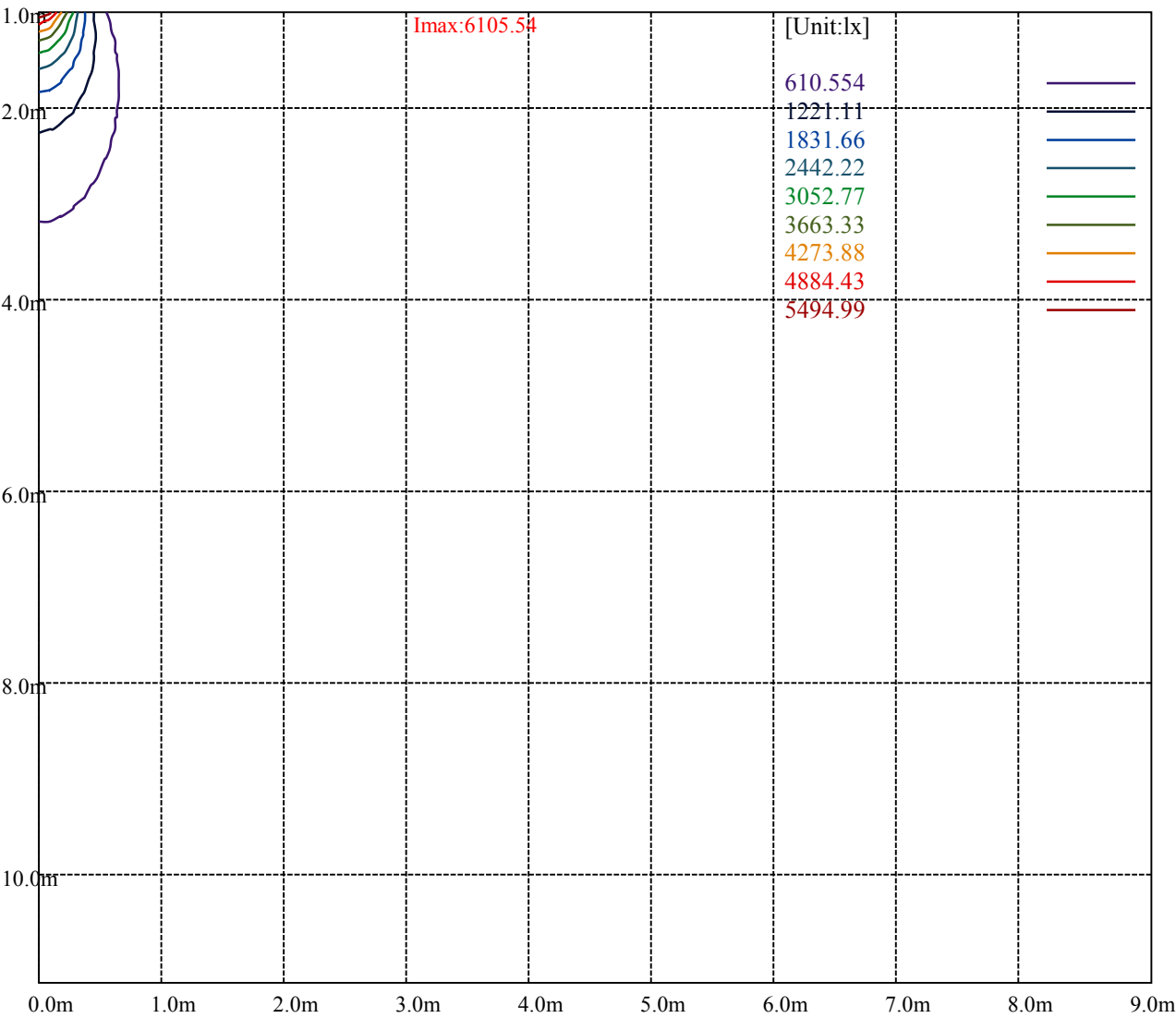


House

[Unit:cd]

Road

Imax:6105.54	
(10%Imax) 610.554	—
(20%Imax) 1221.11	—
(30%Imax) 1831.66	—
(40%Imax) 2442.22	—
(50%Imax) 3052.77	—
(60%Imax) 3663.33	—
(70%Imax) 4273.88	—
(80%Imax) 4884.43	—
(90%Imax) 5494.99	—



Luminance Table

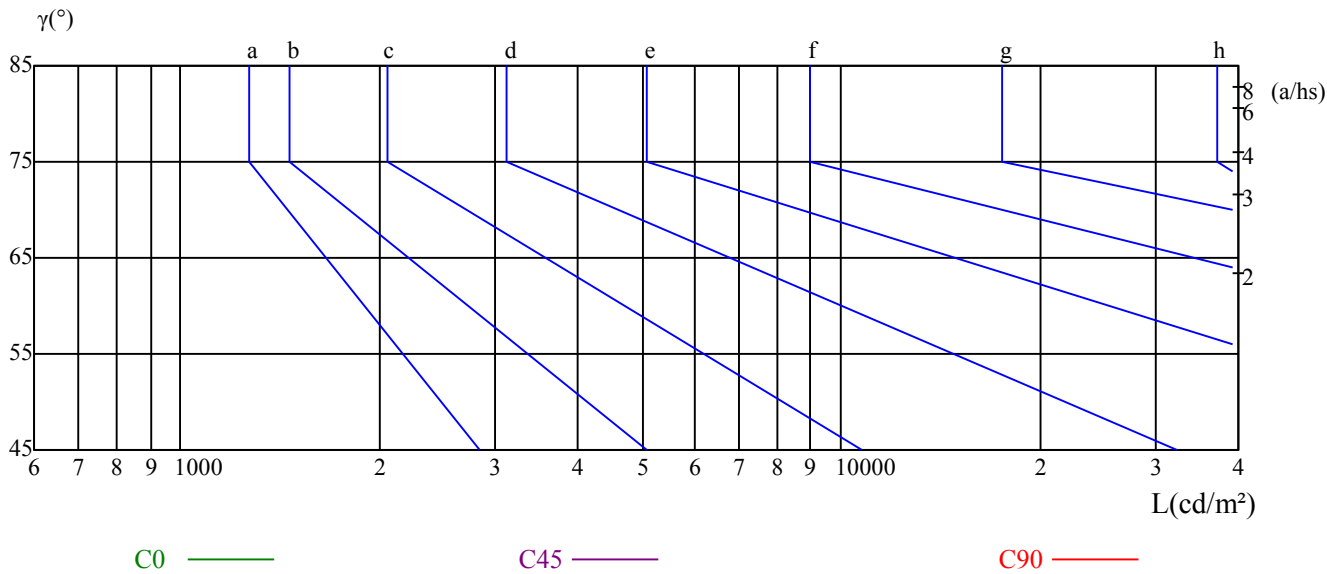
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

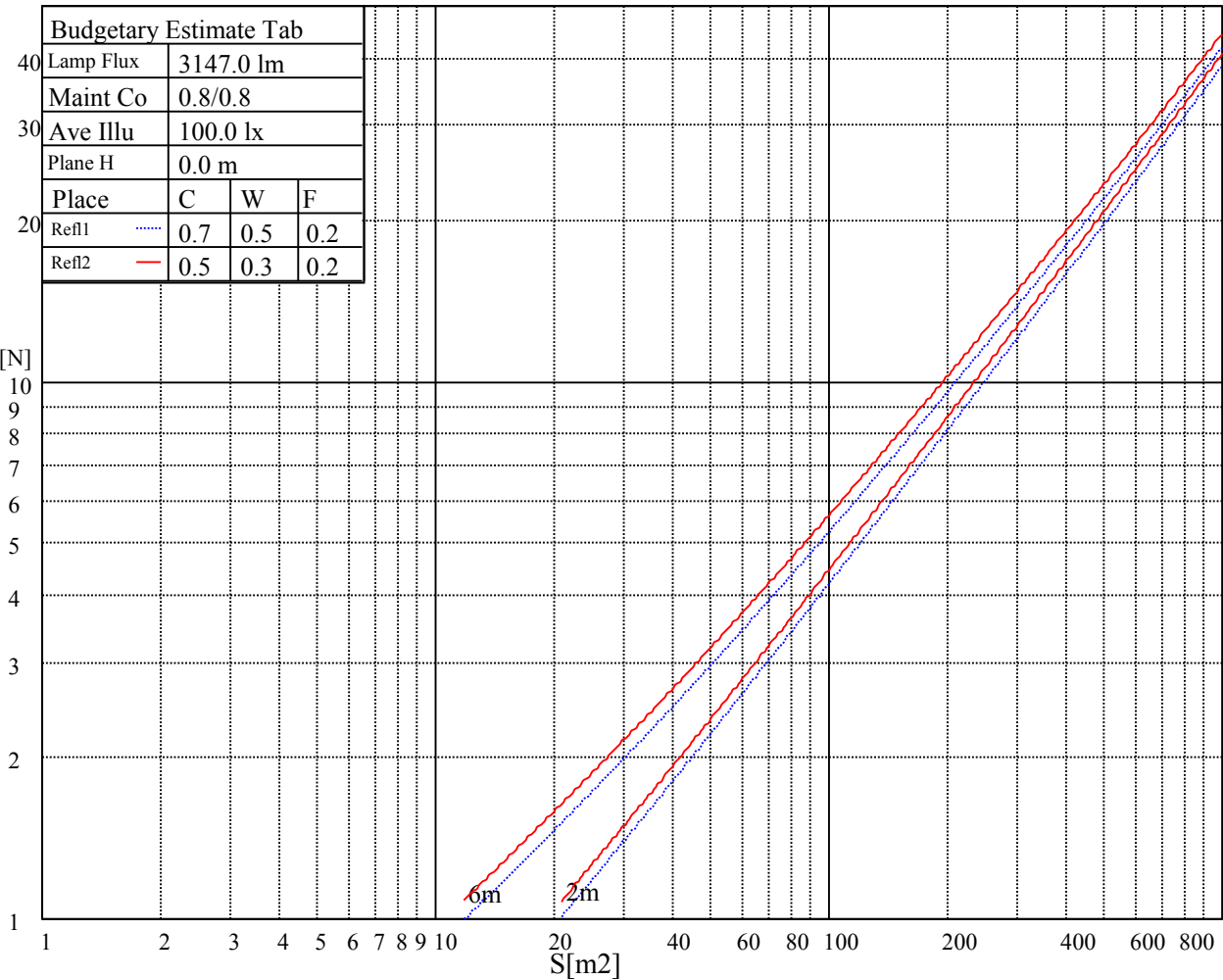
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

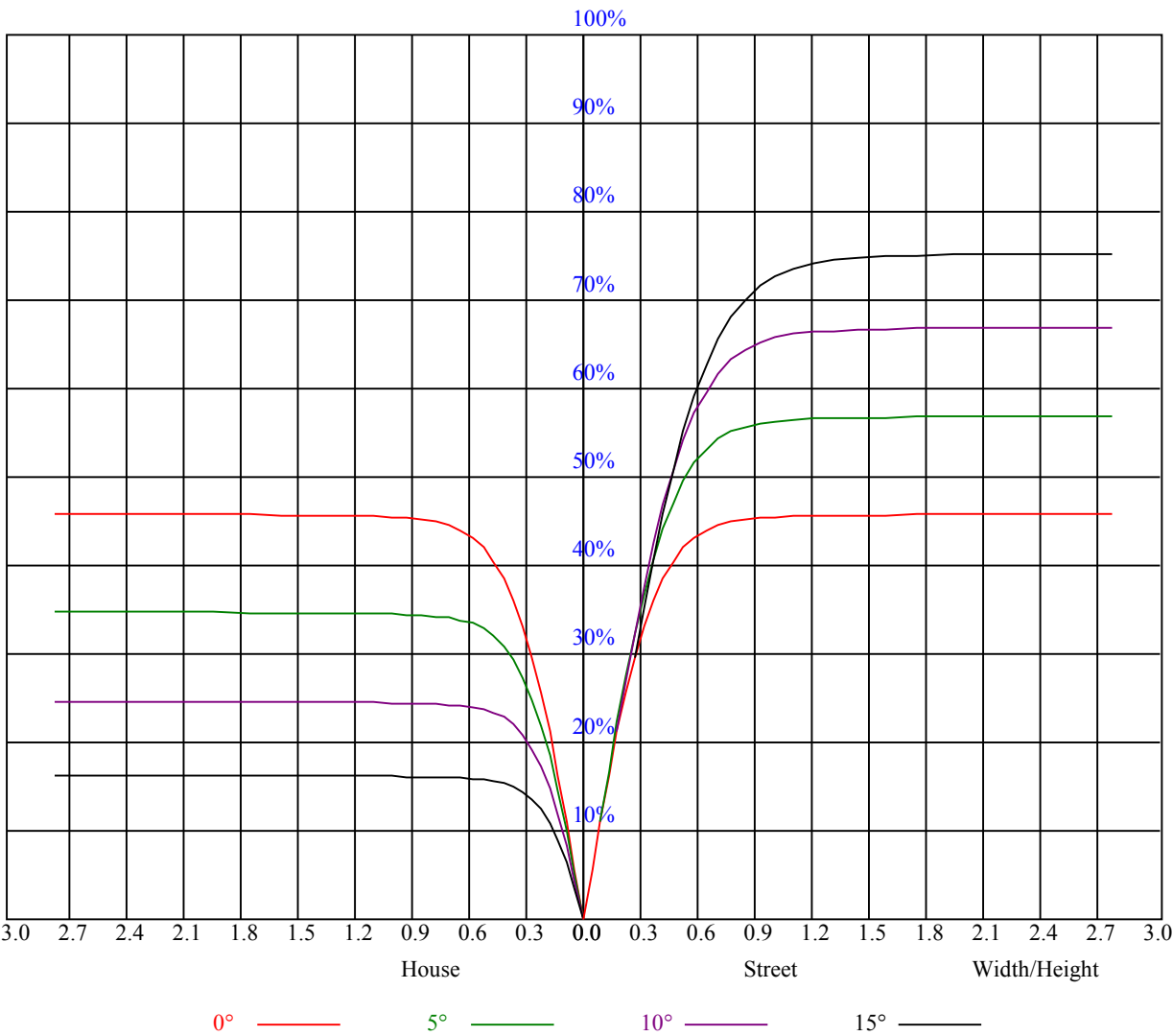


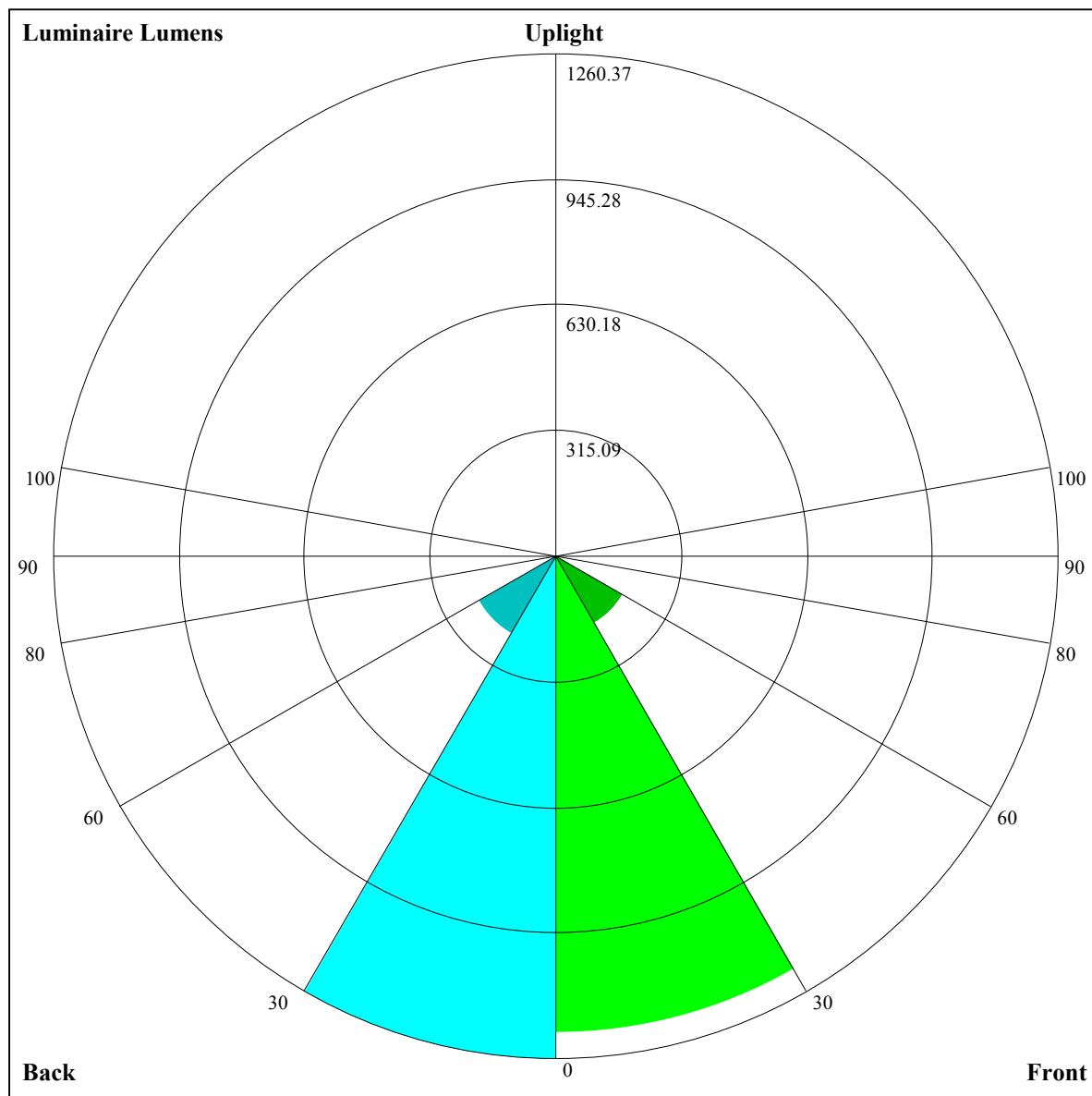
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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



RHOC	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	1.09	1.09	1.09	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	1.03	1.00	0.99	1.01	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.87
2	0.96	0.93	0.90	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.86	0.87	0.85	0.84	0.82
3	0.91	0.87	0.84	0.90	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.80	0.77	0.75	0.74
5	0.82	0.77	0.73	0.81	0.76	0.73	0.79	0.75	0.73	0.78	0.74	0.72	0.76	0.74	0.71	0.70
6	0.78	0.73	0.69	0.77	0.72	0.69	0.76	0.72	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.67
7	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.63
8	0.71	0.66	0.62	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.60
9	0.67	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.58
10	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.55





Luminaire Lumens:

FL=1196.72,FM=195.41,FH=7.77,FVH=1.04

BL=1260.37,BM=222.94,BH=8.26,BVH=1.14

UL=0,UH=0

BUG Rating:B3-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	6068.92	6012.10	5936.88	5822.66	5682.22	5520.11	5350.70	5165.74	4966.84
45.0	6114.60	6061.67	6017.09	5888.94	5764.69	5683.90	5524.00	5335.67	5139.56
90.0	6086.16	6029.92	5937.41	5833.81	5713.44	5547.97	5378.56	5187.50	4984.66
135.0	6152.49	6122.95	6065.03	6000.96	5919.59	5810.36	5678.91	5505.08	5317.85
180.0	6068.92	6092.31	6096.20	6060.56	6019.30	5950.23	5818.20	5701.19	5582.51
225.0	6114.60	6139.67	6135.78	6088.42	6020.46	5931.84	5817.62	5698.93	5511.76
270.0	6086.16	6150.81	6166.42	6126.84	6063.87	6019.88	5891.15	5806.47	5671.07
315.0	6152.49	6131.89	6070.02	5993.70	5935.73	5771.94	5635.44	5541.30	5356.28
360.0	6068.92	6012.10	5936.88	5822.66	5682.22	5520.11	5350.70	5165.74	4966.84
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4760.11	4548.39	4355.64	4138.88	3919.95	3697.09	3473.07	3264.13	3137.67
45.0	4932.31	4731.73	4526.68	4331.68	4120.53	3909.91	3689.83	3466.39	3256.93
90.0	4792.44	4587.97	4372.36	4155.59	3946.66	3715.43	3488.68	3252.99	3036.85
135.0	5120.64	4913.91	4713.33	4494.93	4294.88	4068.13	3889.31	3617.93	3390.07
180.0	5414.25	5212.57	5010.31	4795.80	4577.41	4362.32	4147.23	3923.84	3704.87
225.0	5301.72	5102.77	4898.30	4690.47	4473.75	4258.67	4049.20	3816.30	3687.05
270.0	5491.15	5307.29	5117.27	4917.80	4706.66	4495.46	4286.00	4084.84	3876.48
315.0	5165.21	4964.06	4757.90	4553.44	4338.35	4118.27	3906.55	3694.30	3477.01
360.0	4760.11	4548.39	4355.64	4138.88	3919.95	3697.09	3473.07	3264.13	3137.67
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2947.13	2691.41	2579.98	2387.76	2194.38	2008.31	1833.38	1676.22	1528.57
45.0	3052.41	2854.62	2666.34	2472.96	2276.85	2132.57	1925.84	1766.52	1641.16
90.0	2874.70	2682.47	2489.68	2301.40	2117.53	1938.66	1778.77	1619.40	1463.97
135.0	3219.56	3013.41	2818.98	2612.83	2412.25	2216.14	2030.59	1866.23	1702.97
180.0	3468.07	3251.88	3049.62	2847.94	2656.30	2457.93	2261.82	2081.32	1911.91
225.0	3461.40	3156.06	3041.27	2850.73	2650.73	2449.57	2254.56	2072.38	1896.30
270.0	3636.33	3410.15	3184.50	2977.19	2800.58	2686.36	2418.93	2227.81	2117.53
315.0	3271.96	3078.64	2885.84	2695.83	2493.62	2293.04	2102.45	1927.52	1762.05
360.0	2947.13	2691.41	2579.98	2387.76	2194.38	2008.31	1833.38	1676.22	1528.57
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1389.86	1103.92	1103.92	938.87	782.08	640.79	524.84	450.93	372.41
45.0	1489.04	1303.50	1174.77	1013.19	851.09	700.08	572.51	467.18	384.76
90.0	1097.98	1067.33	1004.31	841.37	690.78	559.63	459.55	379.29	337.14
135.0	1549.75	1394.85	1234.96	1073.96	909.59	754.69	615.98	503.39	417.03
180.0	1750.33	1597.11	1507.44	1356.43	1202.10	1047.20	887.83	736.30	599.79
225.0	1728.62	1573.14	1417.14	1076.59	1076.59	986.02	771.67	629.28	555.64
270.0	1876.27	1778.19	1619.98	1463.97	1306.86	1148.60	987.60	829.33	682.26
315.0	1612.14	1526.94	1377.03	1035.64	1035.64	867.49	717.53	586.49	483.15
360.0	1389.86	1103.92	1103.92	938.87	782.08	640.79	524.84	450.93	372.41
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	307.23	252.93	208.31	170.25	138.98	113.32	92.09	75.48	62.55
45.0	316.74	305.07	281.68	176.61	156.58	127.88	96.50	85.57	70.17
90.0	278.32	229.86	188.96	154.11	125.20	101.18	82.10	66.96	55.35
135.0	371.93	285.57	285.57	275.53	173.40	142.23	116.32	94.93	77.37
180.0	494.51	410.93	342.39	306.75	306.75	192.54	157.58	128.83	109.65
225.0	459.19	382.71	317.27	262.65	216.82	178.19	145.34	118.37	96.14
270.0	556.32	456.61	364.10	300.60	276.64	276.64	170.51	138.29	112.12
315.0	399.37	331.62	272.90	224.39	184.07	149.49	120.89	106.44	86.20
360.0	307.23	252.93	208.31	170.25	138.98	113.32	92.09	75.48	62.55

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	52.77	45.26	39.63	35.01	31.22	28.07	25.49	23.34	22.13
45.0	58.50	49.67	42.84	37.48	33.17	29.65	26.60	24.13	22.02
90.0	46.78	40.32	35.43	31.54	28.23	25.55	23.39	21.45	19.97
135.0	63.71	53.40	45.47	39.42	34.74	30.96	27.86	25.18	23.39
180.0	85.62	73.06	60.66	49.72	44.10	38.53	34.32	30.80	27.91
225.0	78.42	64.02	53.19	45.20	38.95	34.27	30.38	27.28	25.55
270.0	90.51	73.75	60.34	50.30	42.47	36.69	32.17	28.70	25.65
315.0	64.70	57.61	48.36	41.16	35.69	31.59	28.07	25.18	22.81
360.0	52.77	45.26	39.63	35.01	31.22	28.07	25.49	23.34	22.13
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	19.61	18.13	17.35	16.14	14.98	13.98	13.14	12.35	11.56
45.0	20.13	18.61	17.14	15.93	14.82	13.82	12.93	12.09	11.46
90.0	18.13	16.87	15.98	14.88	13.88	12.98	12.25	11.56	10.78
135.0	21.39	19.61	18.13	16.82	15.61	14.51	13.56	12.72	11.93
180.0	25.34	23.23	21.34	19.66	18.24	16.98	15.77	14.61	13.77
225.0	23.23	20.45	19.40	17.87	16.56	15.35	14.24	13.30	12.51
270.0	23.34	21.97	19.45	18.50	17.03	15.87	14.82	13.82	12.98
315.0	20.81	19.08	17.56	16.19	15.14	14.14	13.19	12.67	11.56
360.0	19.61	18.13	17.35	16.14	14.98	13.98	13.14	12.35	11.56
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.83	10.30	9.72	9.15	8.57	8.09	7.62	7.15	6.73
45.0	10.62	10.04	9.57	9.04	8.57	8.04	7.57	7.15	6.73
90.0	10.20	9.67	9.25	8.62	8.20	7.73	7.36	6.89	6.41
135.0	11.14	10.57	9.93	9.41	8.88	8.41	7.94	7.67	7.25
180.0	12.93	12.09	11.62	10.62	10.30	9.72	9.15	8.57	8.04
225.0	11.72	10.99	10.41	9.78	9.30	8.73	8.30	7.83	7.41
270.0	12.25	11.51	10.78	10.25	9.62	9.20	8.67	8.25	7.83
315.0	10.99	10.57	9.72	9.46	8.94	8.52	7.99	7.62	7.25
360.0	10.83	10.30	9.72	9.15	8.57	8.09	7.62	7.15	6.73
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.25	5.83	5.68	4.99	4.63	4.36	3.84	3.31	3.10
45.0	6.25	5.83	5.47	5.05	4.68	4.26	3.94	3.47	3.10
90.0	6.04	5.68	5.20	4.78	4.36	4.10	3.78	3.15	2.94
135.0	6.57	6.25	5.94	5.62	5.15	4.73	4.31	3.99	3.47
180.0	7.67	7.10	6.62	6.15	5.78	5.31	4.89	4.52	4.10
225.0	6.94	6.57	6.10	5.78	5.31	4.94	4.63	4.21	3.84
270.0	7.41	6.94	6.57	6.15	5.94	5.41	4.94	4.68	4.36
315.0	6.78	6.36	5.94	5.57	5.15	4.78	4.47	4.05	3.68
360.0	6.25	5.83	5.68	4.99	4.63	4.36	3.84	3.31	3.10
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.63	2.37	2.10	1.79	1.52	1.37	1.21	0.95	0.68
45.0	2.68	2.37	2.10	1.79	1.47	1.37	1.10	1.00	0.79
90.0	2.47	2.21	1.94	1.73	1.42	1.31	1.16	1.00	0.89
135.0	3.10	2.73	2.31	2.00	1.73	1.42	1.31	1.05	0.95
180.0	3.73	3.31	2.89	2.42	2.16	1.84	1.52	1.31	1.10
225.0	3.36	3.05	2.73	2.31	2.05	1.73	1.47	1.26	1.10
270.0	4.05	3.47	3.10	2.73	2.37	2.00	1.68	1.47	1.26
315.0	3.21	2.94	2.47	2.10	1.89	1.58	1.37	1.16	1.00
360.0	2.63	2.37	2.10	1.79	1.52	1.37	1.21	0.95	0.68

Intensity data(cd)

C/γ(°)	90.0
0.0	0.84
45.0	0.79
90.0	0.89
135.0	0.79
180.0	0.95
225.0	0.95
270.0	1.10
315.0	0.89
360.0	0.84