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NT

Client:

LumCAT: 62-0032

Luminaire: 92.70.411.00 Hodel

Report No: 2024625-B007

Ballast type: AC

Test No: 2024625-C007

Voltage(V): 36.750

LampCAT: LUMILEDS 1205

Current(A): 0.601

Lamp flux(lm): 3019.8

Power (W): 22.086

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2581.04, Efficiency(%): 85.47% , Luminous Efficacy(lm/W): 116.86

Central intensity(cd): 9643.104, Maximum intensity(cd): 9643.104

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=25.8

[C90/270]Total=25.8

Field angle(10%Imax): [C0/180]Total=47.6

[C90/270]Total=47.6

Maximum s/h(1/2): C0_180=0.43 C90_270=0.43

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(%): 85.47%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 96.318%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/6/25
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	9643.103	0.000	0	0.00%	0.00%
1.0	9609.526	9.212	9.212	0.31%	0.36%
2.0	9486.263	27.408	36.62	0.91%	1.42%
3.0	9285.092	44.895	81.515	1.49%	3.16%
4.0	9027.520	61.298	142.813	2.03%	5.53%
5.0	8688.089	76.212	219.025	2.52%	8.49%
6.0	8304.401	89.300	308.325	2.96%	11.95%
7.0	7864.385	100.359	408.684	3.32%	15.83%
8.0	7380.550	109.105	517.789	3.61%	20.06%
9.0	6885.231	115.616	633.406	3.83%	24.54%
10.0	6356.772	119.835	753.241	3.97%	29.18%
11.0	5812.879	121.600	874.841	4.03%	33.89%
12.0	5278.715	121.247	996.088	4.02%	38.59%
13.0	4767.887	119.228	1115.316	3.95%	43.21%
14.0	4223.920	115.094	1230.41	3.81%	47.67%
15.0	3728.966	109.181	1339.591	3.62%	51.90%
16.0	3274.466	102.620	1442.211	3.40%	55.88%
17.0	2845.935	95.311	1537.522	3.16%	59.57%
18.0	2452.078	87.353	1624.875	2.89%	62.95%
19.0	2093.628	79.086	1703.96	2.62%	66.02%
20.0	1696.172	69.364	1773.324	2.30%	68.71%
21.0	1421.314	59.862	1833.186	1.98%	71.03%
22.0	1277.934	54.243	1887.429	1.80%	73.13%
23.0	1103.237	49.963	1937.392	1.65%	75.06%
24.0	925.409	44.353	1981.746	1.47%	76.78%
25.0	801.868	39.275	2021.02	1.30%	78.30%
26.0	690.024	35.216	2056.237	1.17%	79.67%
27.0	595.064	31.440	2087.677	1.04%	80.89%
28.0	518.670	28.197	2115.874	0.93%	81.98%
29.0	456.146	25.504	2141.378	0.84%	82.97%
30.0	403.198	23.202	2164.58	0.77%	83.86%
31.0	359.745	21.232	2185.812	0.70%	84.69%
32.0	321.142	19.507	2205.318	0.65%	85.44%
33.0	295.151	18.156	2223.475	0.60%	86.15%
34.0	271.010	17.134	2240.608	0.57%	86.81%
35.0	242.590	15.951	2256.559	0.53%	87.43%
36.0	228.399	14.996	2271.555	0.50%	88.01%
37.0	210.418	14.312	2285.867	0.47%	88.56%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	189.628	13.353	2299.22	0.44%	89.08%
39.0	176.562	12.499	2311.719	0.41%	89.57%
40.0	163.907	11.874	2323.593	0.39%	90.03%
41.0	153.036	11.286	2334.879	0.37%	90.46%
42.0	143.409	10.770	2345.65	0.36%	90.88%
43.0	134.726	10.303	2355.953	0.34%	91.28%
44.0	126.570	9.862	2365.815	0.33%	91.66%
45.0	119.686	9.464	2375.279	0.31%	92.03%
46.0	113.636	9.125	2384.403	0.30%	92.38%
47.0	107.806	8.807	2393.211	0.29%	92.72%
48.0	102.517	8.502	2401.713	0.28%	93.05%
49.0	97.835	8.228	2409.941	0.27%	93.37%
50.0	93.534	7.979	2417.919	0.26%	93.68%
51.0	89.510	7.744	2425.664	0.26%	93.98%
52.0	85.670	7.517	2433.181	0.25%	94.27%
53.0	82.049	7.296	2440.477	0.24%	94.55%
54.0	78.779	7.089	2447.565	0.23%	94.83%
55.0	75.589	6.891	2454.456	0.23%	95.10%
56.0	72.590	6.696	2461.152	0.22%	95.36%
57.0	69.613	6.502	2467.653	0.22%	95.61%
58.0	66.796	6.308	2473.962	0.21%	95.85%
59.0	64.038	6.117	2480.078	0.20%	96.09%
60.0	61.383	5.925	2486.003	0.20%	96.32%
61.0	58.632	5.727	2491.731	0.19%	96.54%
62.0	56.108	5.529	2497.26	0.18%	96.75%
63.0	53.716	5.341	2502.601	0.18%	96.96%
64.0	51.690	5.172	2507.773	0.17%	97.16%
65.0	49.561	5.011	2512.784	0.17%	97.36%
66.0	47.615	4.848	2517.633	0.16%	97.54%
67.0	45.677	4.691	2522.324	0.16%	97.73%
68.0	43.892	4.537	2526.861	0.15%	97.90%
69.0	41.690	4.366	2531.227	0.14%	98.07%
70.0	39.861	4.188	2535.415	0.14%	98.23%
71.0	38.596	4.055	2539.47	0.13%	98.39%
72.0	37.593	3.962	2543.432	0.13%	98.54%
73.0	33.358	3.710	2547.142	0.12%	98.69%
74.0	29.020	3.279	2550.421	0.11%	98.81%
75.0	26.511	2.934	2553.355	0.10%	98.93%

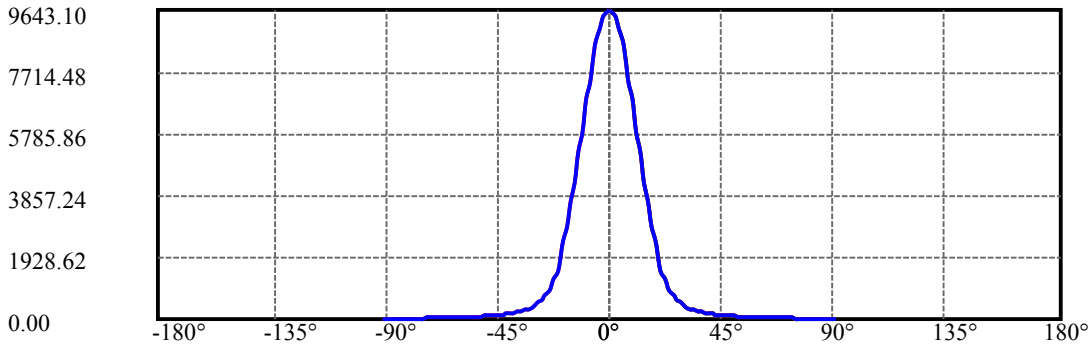
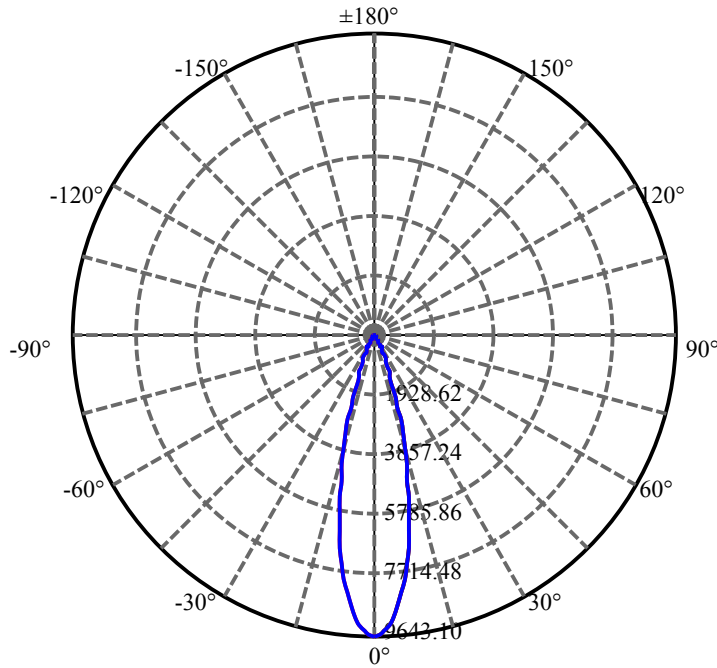
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	23.914	2.677	2556.032	0.09%	99.03%
77.0	22.129	2.455	2558.487	0.08%	99.13%
78.0	21.149	2.317	2560.804	0.08%	99.22%
79.0	20.322	2.228	2563.032	0.07%	99.30%
80.0	19.290	2.136	2565.167	0.07%	99.39%
81.0	17.169	1.972	2567.139	0.07%	99.46%
82.0	15.296	1.761	2568.9	0.06%	99.53%
83.0	13.606	1.571	2570.471	0.05%	99.59%
84.0	12.882	1.443	2571.914	0.05%	99.65%
85.0	12.773	1.400	2573.314	0.05%	99.70%
86.0	13.314	1.426	2574.74	0.05%	99.76%
87.0	14.155	1.503	2576.243	0.05%	99.81%
88.0	14.397	1.564	2577.807	0.05%	99.87%
89.0	14.638	1.591	2579.399	0.05%	99.94%
90.0	15.209	1.636	2581.035	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2164.58	71.68%	83.86%
0-40	2323.59	76.95%	90.03%
0-60	2486.00	82.32%	96.32%
0-90	2579.40	85.42%	99.94%
0-120	2579.40	85.42%	99.94%
0-180	2581.04	85.47%	100.00%
60-90	93.40	3.09%	3.62%
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%
0-26.27	2064.83	68.38%	80.00%

ZONAL LUMEN SUMMARY

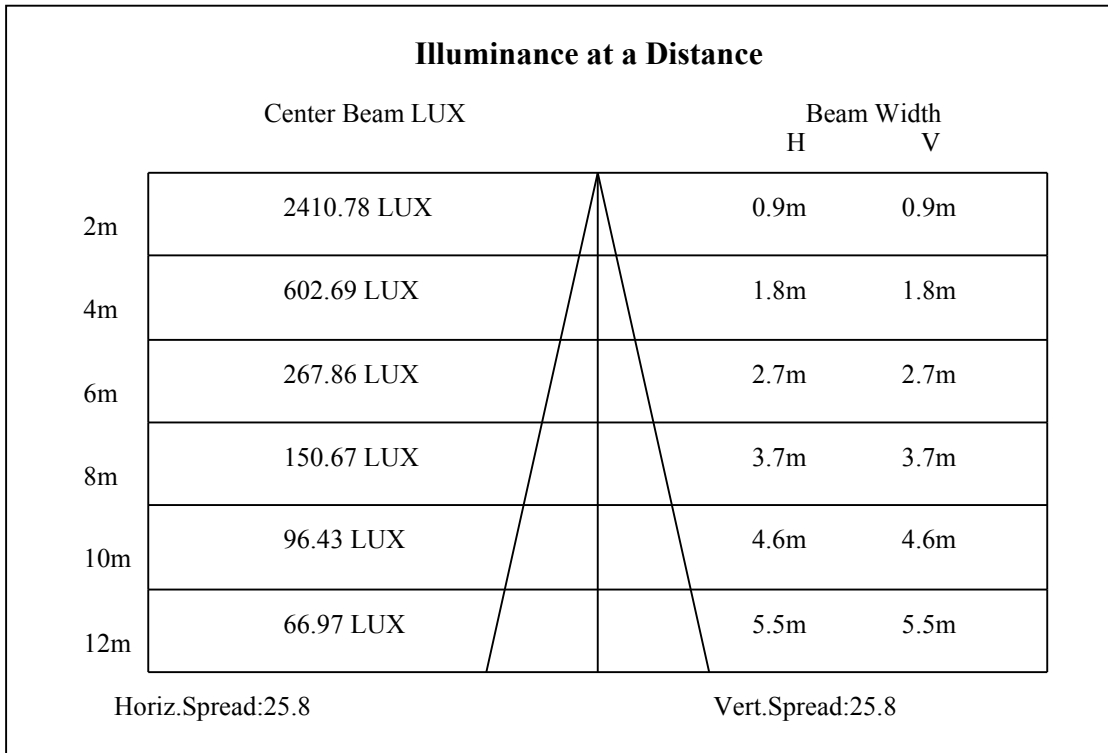
0-10	753.24
10-20	1020.08
20-30	391.26
30-40	159.01
40-50	94.33
50-60	68.08
60-70	49.41
70-80	29.75
80-90	14.23
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

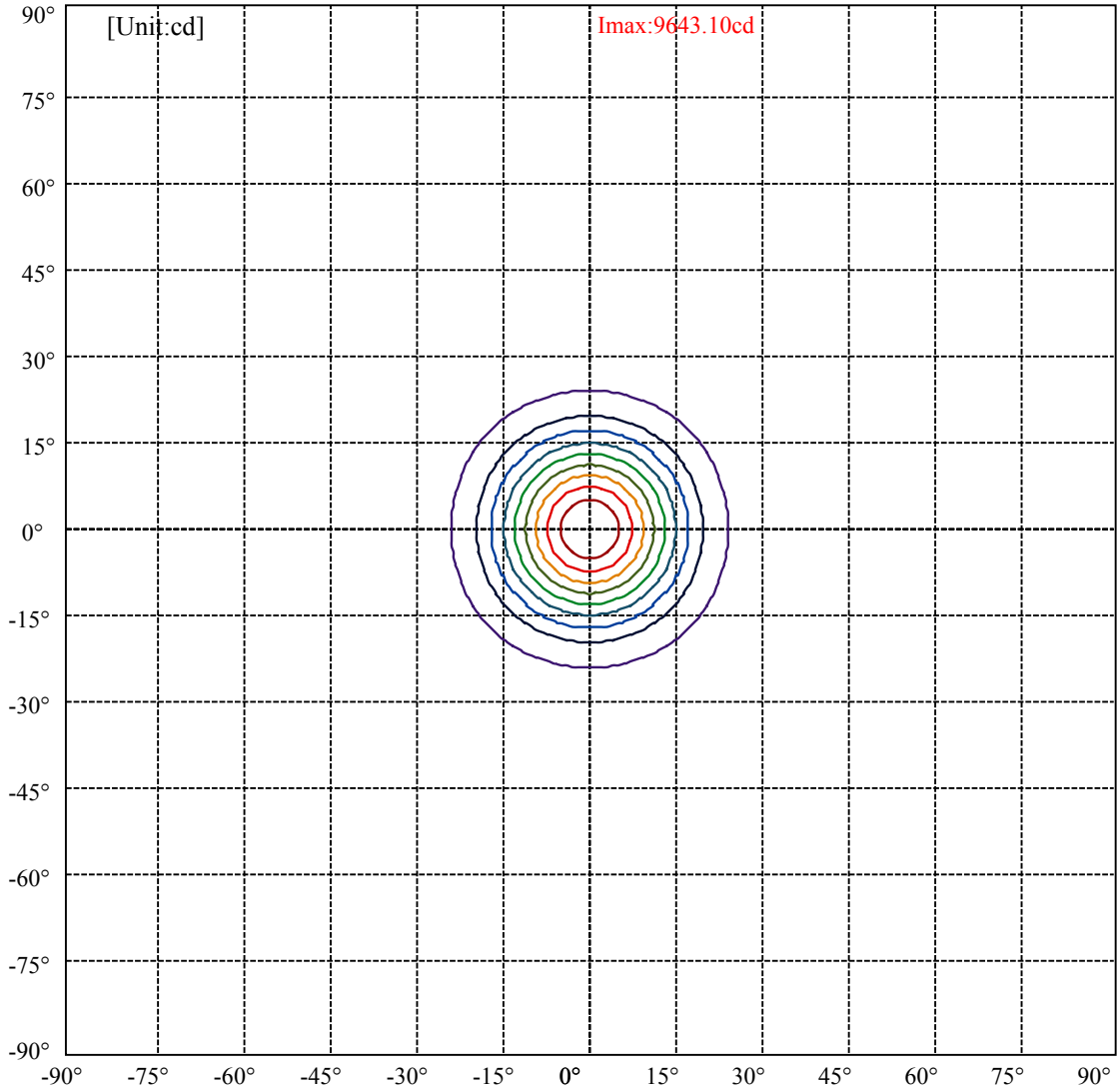


C0(Max): ———
C0/C180: ———
C90/C270: ———

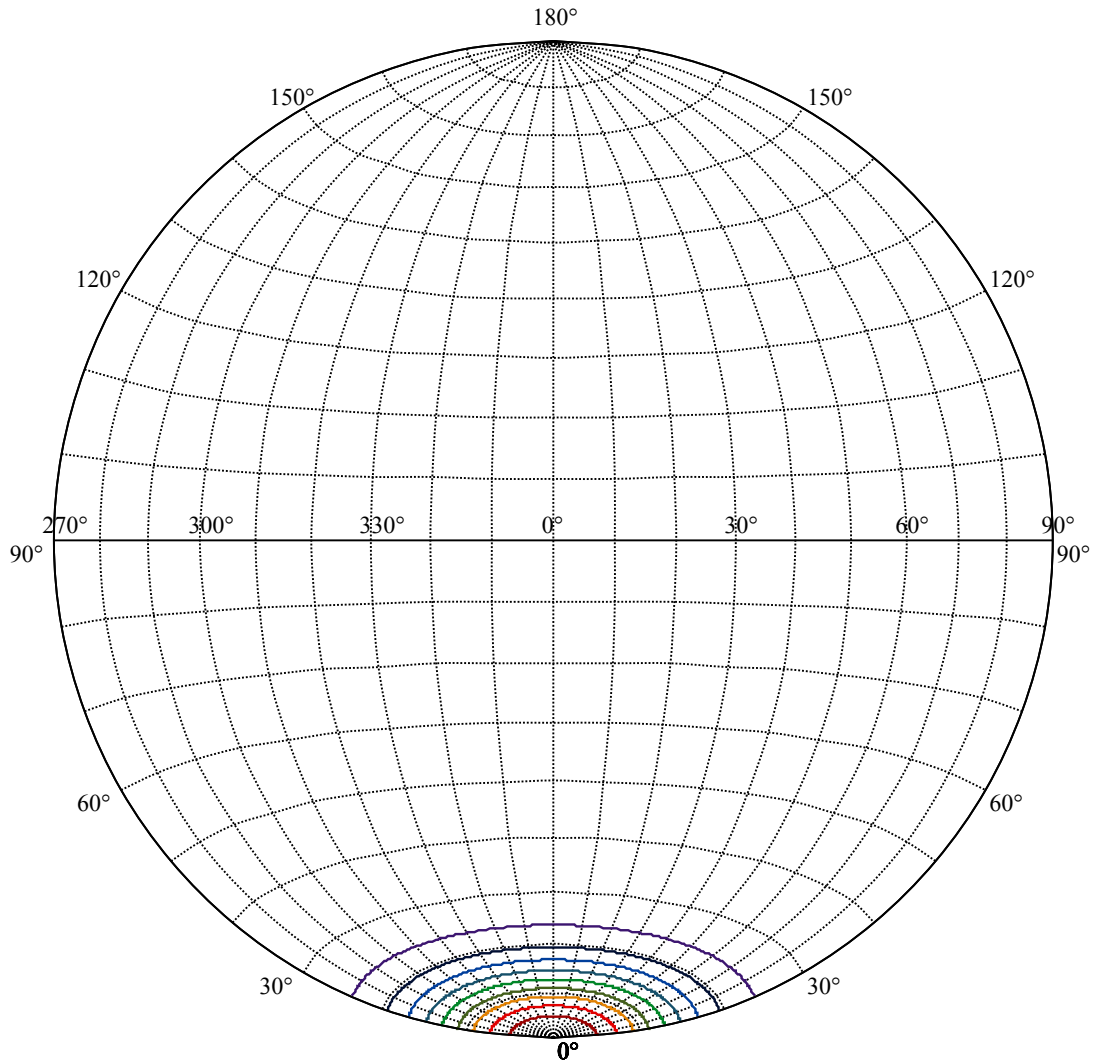
Field angle(10%Imax):C0/180Left:23.8 Right:23.8
:C90/270Left:23.8 Right:23.8

Beam Angle(50%Imax):C0/180Left:12.9 Right:12.9
:C90/270Left:12.9 Right:12.9





(10%Imax) 964.31	—
(20%Imax) 1928.62	—
(30%Imax) 2892.93	—
(40%Imax) 3857.24	—
(50%Imax) 4821.55	—
(60%Imax) 5785.86	—
(70%Imax) 6750.17	—
(80%Imax) 7714.48	—
(90%Imax) 8678.79	—



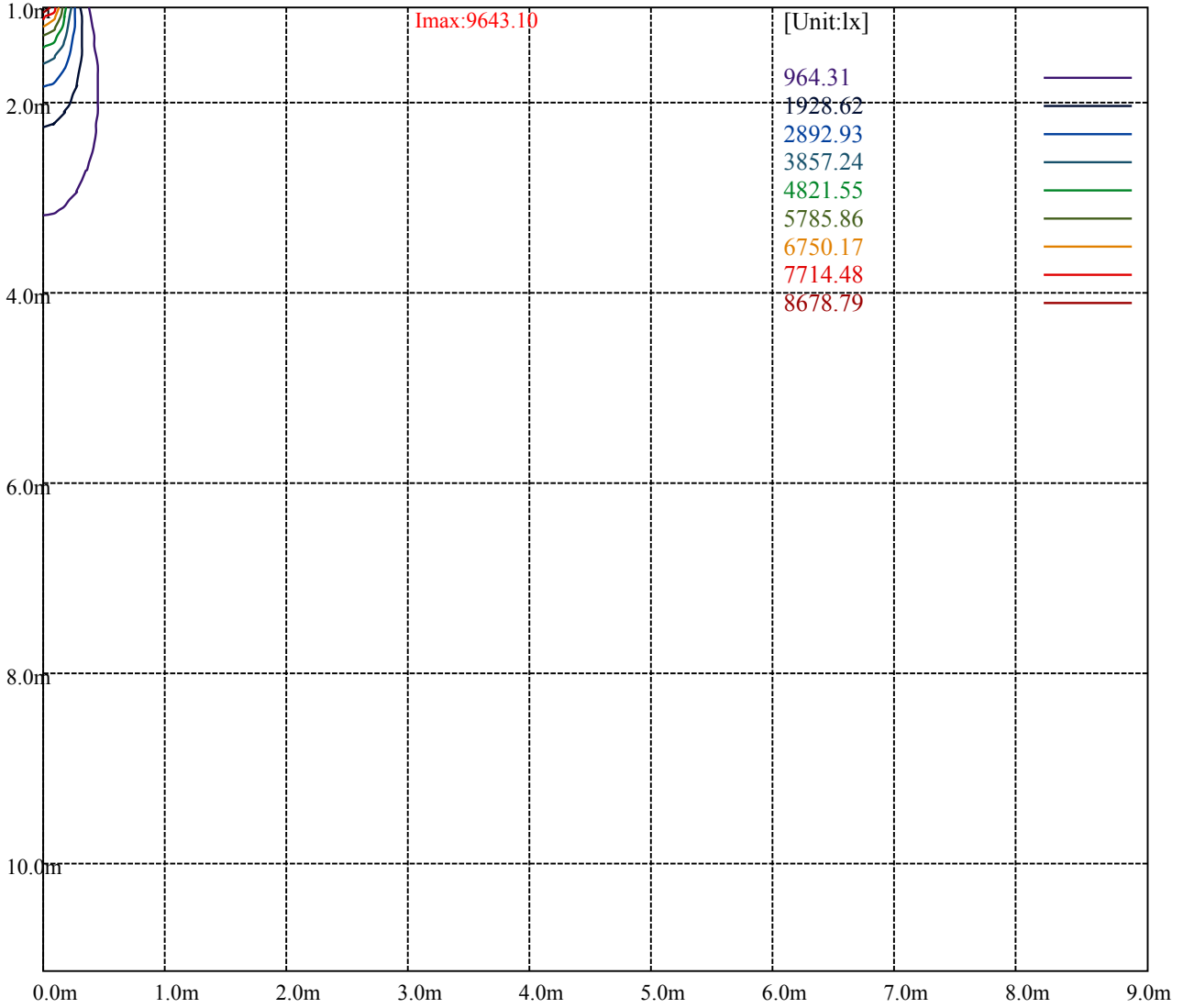
House

[Unit:cd]

Road

Imax:9643.10

(10%Imax) 964.31	—
(20%Imax) 1928.62	—
(30%Imax) 2892.93	—
(40%Imax) 3857.24	—
(50%Imax) 4821.55	—
(60%Imax) 5785.86	—
(70%Imax) 6750.17	—
(80%Imax) 7714.48	—
(90%Imax) 8678.79	—



Luminance Table

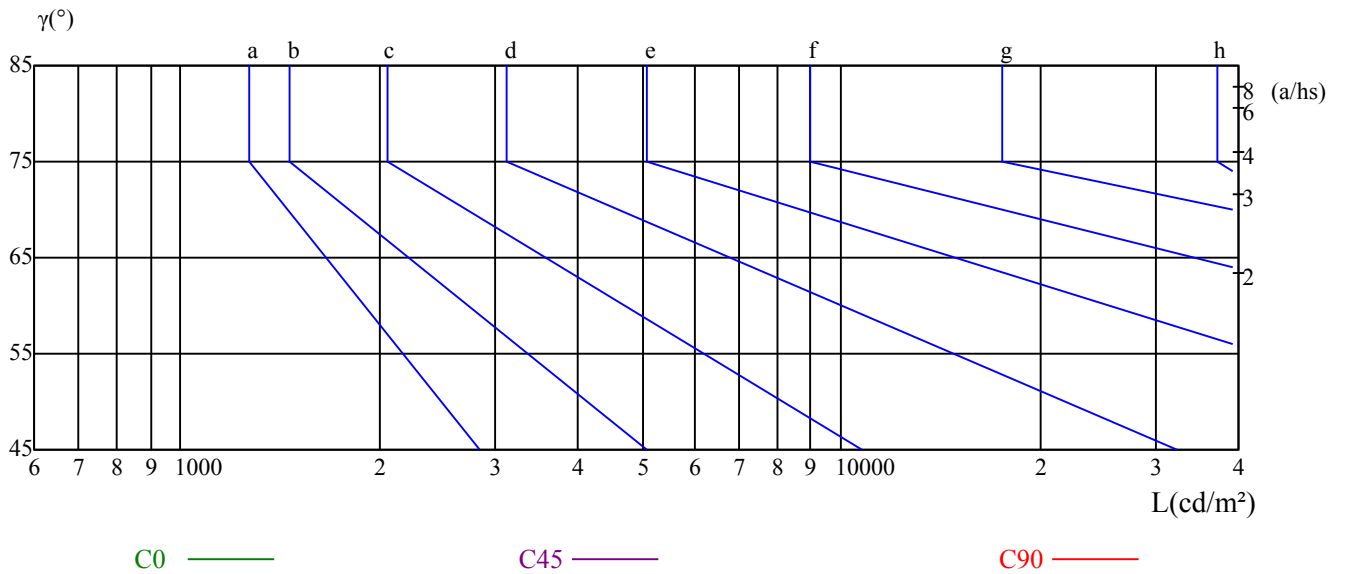
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

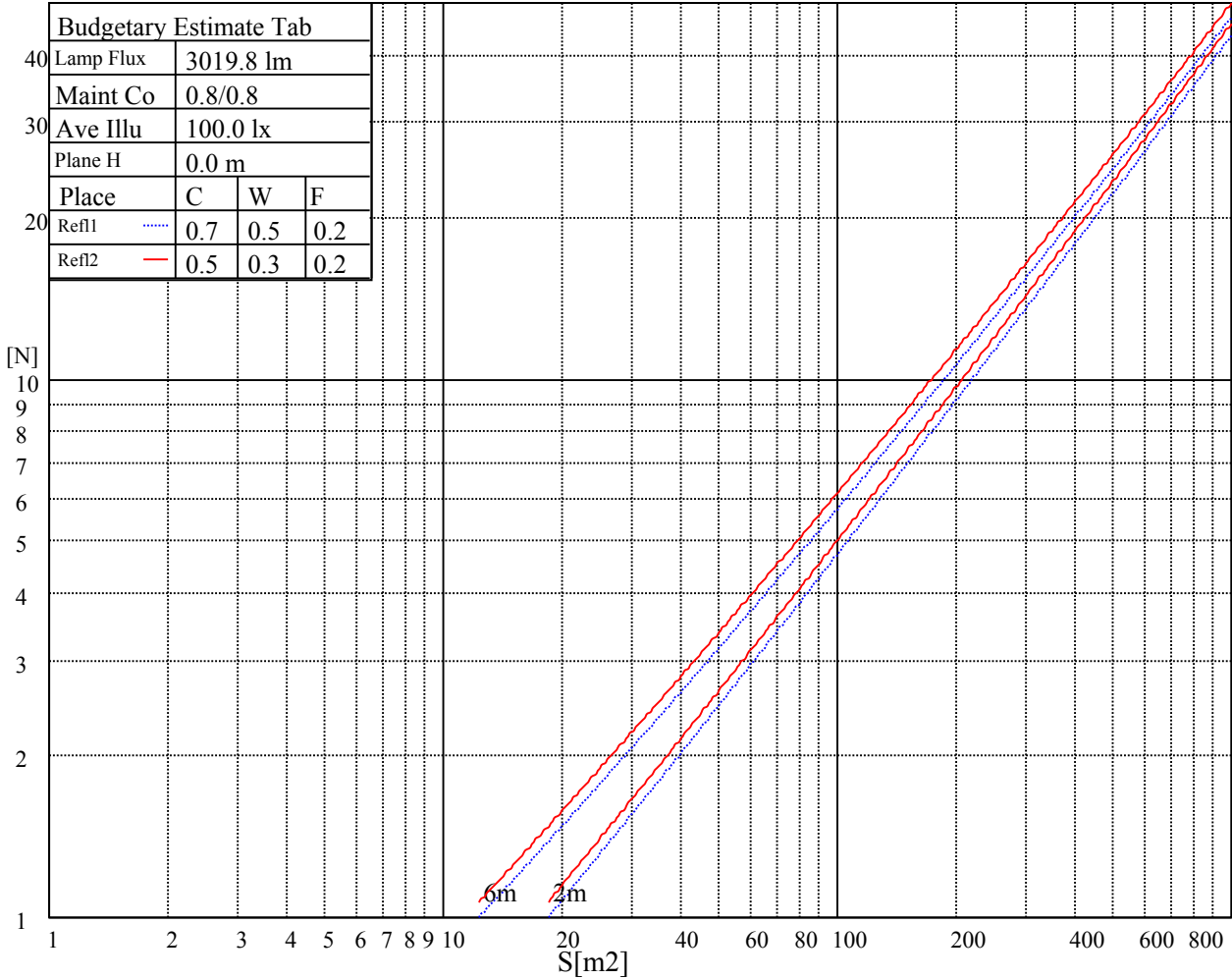
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

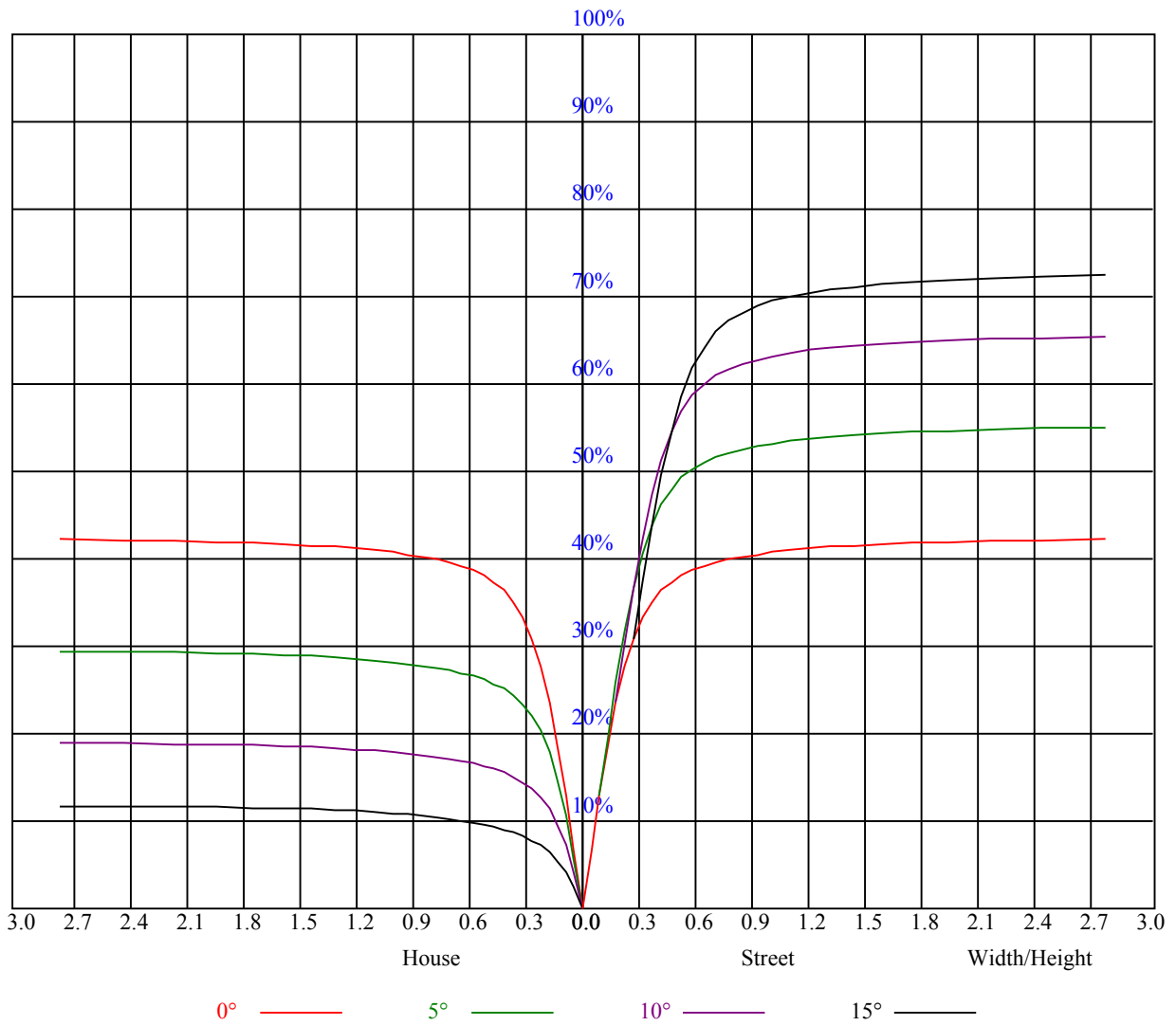


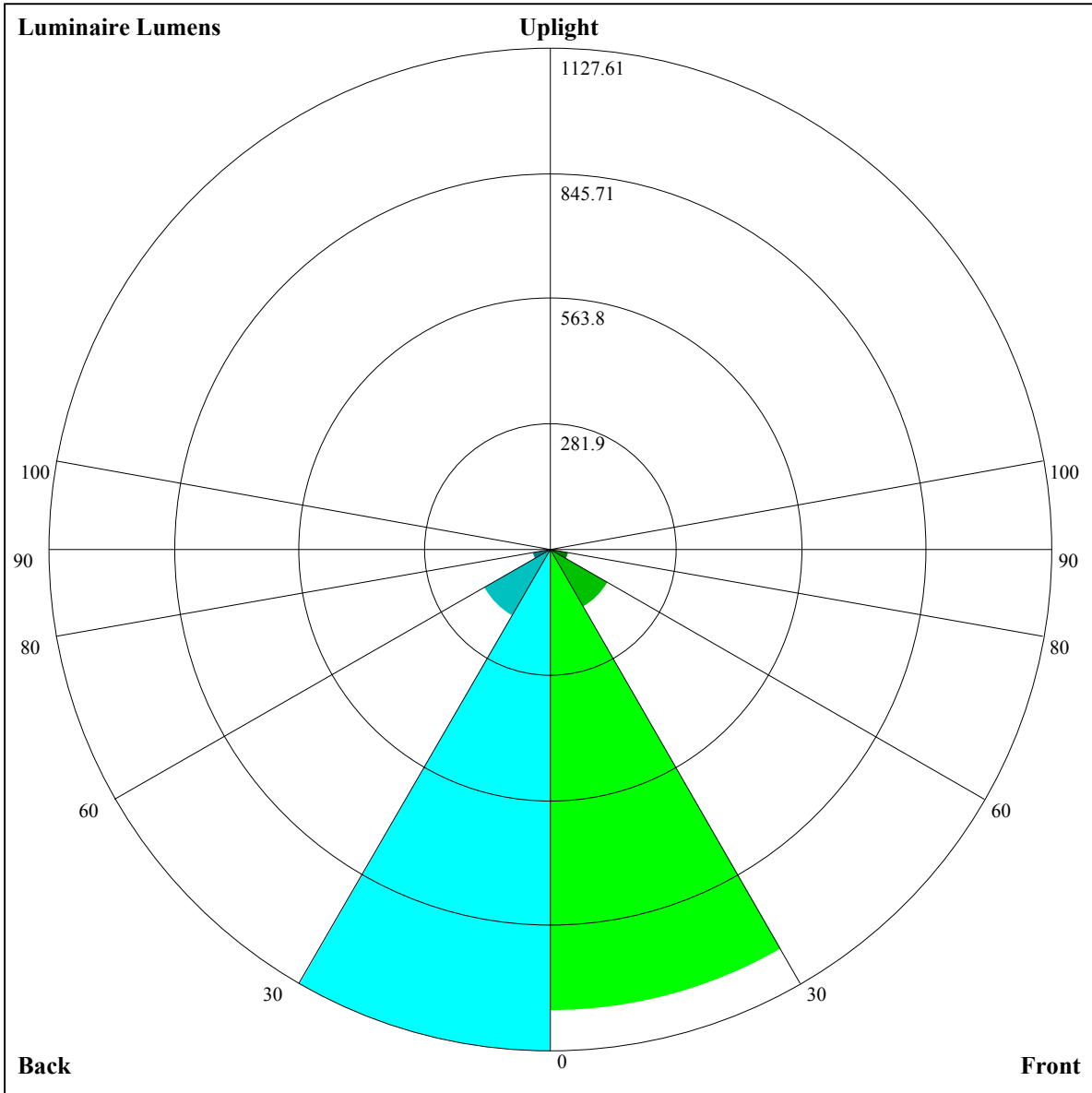
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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
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	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	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	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	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	1.02	1.02	1.02	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
2	0.89	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.79	0.80	0.79	0.78	0.76
3	0.85	0.81	0.78	0.84	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.74	0.73
4	0.81	0.76	0.73	0.80	0.76	0.73	0.78	0.75	0.72	0.76	0.73	0.71	0.75	0.72	0.70	0.69
5	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.70	0.67	0.66
6	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
7	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.62	0.61
8	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
9	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.60	0.58	0.57
10	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=1036.03,FM=149.87,FH=40.08,FVH=7.77

BL=1127.61,BM=172.81,BH=42.89,BVH=8.02

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	9621.74	9521.67	9336.74	9096.80	8714.64	8350.63	7953.27	7405.50	6935.56
45.0	9642.81	9672.07	9582.53	9449.10	9236.66	8887.29	8544.93	8158.68	7624.37
90.0	9677.34	9634.62	9499.43	9257.15	8992.04	8669.00	8218.37	7805.20	7368.04
135.0	9630.52	9680.27	9659.78	9543.91	9364.24	9113.77	8801.84	8365.85	7963.80
180.0	9621.74	9663.29	9626.42	9502.36	9331.47	9013.11	8699.43	8336.59	7810.47
225.0	9642.81	9559.12	9408.14	9139.52	8847.49	8506.89	8014.71	7589.26	7112.88
270.0	9677.34	9640.47	9522.25	9294.02	9042.96	8730.45	8379.90	7879.53	7445.88
315.0	9630.52	9504.70	9254.81	8997.89	8690.65	8233.59	7822.76	7374.48	6783.40
360.0	9621.74	9521.67	9336.74	9096.80	8714.64	8350.63	7953.27	7405.50	6935.56
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6325.76	5813.10	5306.29	4787.78	4172.13	3702.19	3248.06	2829.04	2362.03
45.0	7175.50	6703.23	6086.98	5580.18	5071.62	4451.87	3981.93	3510.82	3066.05
90.0	6893.42	6291.23	5794.96	5281.13	4787.20	4184.42	3722.67	3271.47	2759.98
135.0	7540.68	6970.67	6482.01	5859.33	5359.55	4859.18	4364.67	3779.44	3335.26
180.0	7365.70	6762.92	6254.36	5748.72	5248.36	4621.58	4136.43	3689.32	3288.44
225.0	6506.59	6010.32	5514.05	4898.98	4414.41	3950.33	3395.53	2987.63	2611.33
270.0	6988.23	6508.93	5890.35	5389.40	4885.52	4279.22	3794.07	3348.13	2947.25
315.0	6285.96	5793.79	5174.03	4684.20	4204.31	3742.57	3188.36	2779.88	2397.14
360.0	6325.76	5813.10	5306.29	4787.78	4172.13	3702.19	3248.06	2829.04	2362.03
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2037.81	1753.39	1141.48	1141.48	1055.39	902.59	743.35	641.76	538.52
45.0	2667.51	2225.67	1910.82	1636.35	1397.58	1145.93	938.76	801.82	690.04
90.0	2393.04	2062.39	1700.72	1141.77	1141.77	1012.73	864.20	744.17	621.39
135.0	2929.11	2562.17	2151.93	1861.07	1612.35	1394.06	1167.58	1015.42	886.09
180.0	2797.43	2439.86	2140.81	1817.77	1591.87	1391.72	1176.95	1032.98	911.25
225.0	2271.90	1899.70	1647.47	1149.91	1149.91	1038.48	907.63	795.38	677.63
270.0	2462.69	2117.40	1747.54	1493.55	1272.92	1083.90	899.55	777.82	672.48
315.0	2057.12	1688.43	1128.61	1128.61	1001.67	856.48	705.25	605.59	522.78
360.0	2037.81	1753.39	1141.48	1141.48	1055.39	902.59	743.35	641.76	538.52
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	469.06	411.71	354.76	316.49	284.36	256.80	227.83	208.22	190.61
45.0	595.23	502.18	443.07	395.09	354.12	313.15	299.11	299.11	241.05
90.0	541.10	474.56	421.36	376.94	330.83	301.22	271.02	250.42	231.92
135.0	750.32	660.19	584.11	505.69	451.85	395.67	357.63	324.27	295.60
180.0	781.33	691.79	611.62	526.76	468.24	420.25	378.70	333.05	302.03
225.0	599.04	529.34	458.00	410.30	369.51	327.14	298.41	274.24	252.23
270.0	584.70	492.82	432.54	384.55	344.17	302.62	295.60	262.36	228.24
315.0	439.74	386.78	343.70	309.76	274.88	252.29	232.92	216.42	199.04
360.0	469.06	411.71	354.76	316.49	284.36	256.80	227.83	208.22	190.61
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	175.39	159.12	147.18	136.59	126.88	116.46	109.14	100.95	95.92
45.0	219.69	204.65	191.37	176.45	166.15	156.14	145.66	137.82	130.62
90.0	212.96	200.03	187.33	176.62	164.62	155.85	148.71	141.57	133.72
135.0	295.60	241.05	222.68	206.17	187.51	175.68	164.74	154.67	143.85
180.0	295.60	295.60	224.32	205.88	189.50	175.04	158.48	146.83	134.08
225.0	229.23	212.90	197.98	184.52	169.60	158.95	149.47	138.99	131.27
270.0	211.91	194.06	182.71	172.47	162.11	151.16	143.50	136.12	129.98
315.0	186.80	175.92	163.45	153.80	144.90	135.01	127.58	120.85	113.12
360.0	175.39	159.12	147.18	136.59	126.88	116.46	109.14	100.95	95.92

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	91.41	86.67	83.34	80.00	76.72	72.98	70.17	67.07	64.20
45.0	122.49	116.58	111.13	105.81	99.90	95.27	90.89	86.67	83.39
90.0	127.40	121.84	115.11	110.14	105.81	101.24	97.73	94.34	90.24
135.0	136.01	129.04	121.38	115.87	109.61	104.52	100.07	96.09	91.24
180.0	125.12	117.28	108.97	103.35	98.20	93.28	88.08	84.04	80.12
225.0	124.59	117.69	112.19	106.10	101.54	97.44	93.34	88.78	85.50
270.0	122.72	117.75	113.01	107.56	103.64	99.96	95.74	92.35	88.49
315.0	107.74	102.24	97.32	91.30	87.26	83.57	80.06	76.02	73.21
360.0	91.41	86.67	83.34	80.00	76.72	72.98	70.17	67.07	64.20
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	60.34	57.24	54.54	51.85	49.86	47.11	44.95	42.96	41.02
45.0	80.47	77.13	74.32	71.63	68.47	65.90	63.26	60.10	57.70
90.0	87.32	84.16	80.59	78.07	75.14	72.45	69.47	67.01	64.55
135.0	87.78	84.45	81.29	77.54	74.50	71.57	68.06	65.25	61.92
180.0	76.49	72.10	68.65	65.31	61.33	58.00	55.19	51.91	49.33
225.0	82.34	79.24	75.96	73.15	70.58	67.53	65.08	62.50	59.28
270.0	85.56	82.98	80.18	77.02	74.79	72.45	70.29	67.77	65.78
315.0	69.93	67.42	65.19	62.33	59.69	57.29	54.78	51.56	49.28
360.0	60.34	57.24	54.54	51.85	49.86	47.11	44.95	42.96	41.02
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	38.80	37.10	35.46	33.36	30.55	28.73	26.63	24.76	22.36
45.0	55.19	52.96	50.39	48.40	46.58	44.59	41.90	40.61	42.31
90.0	61.68	60.16	58.70	57.06	55.48	53.96	51.97	50.62	49.74
135.0	59.28	57.00	54.54	51.79	49.74	47.81	45.47	42.60	40.61
180.0	46.41	43.95	41.73	39.62	37.10	35.17	33.24	31.19	28.62
225.0	57.00	54.60	51.73	49.51	47.40	45.18	42.08	40.15	39.03
270.0	64.02	62.27	60.57	59.46	58.41	57.47	56.36	54.78	53.78
315.0	47.34	45.47	43.37	41.73	40.15	38.22	35.87	34.18	32.30
360.0	38.80	37.10	35.46	33.36	30.55	28.73	26.63	24.76	22.36
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	20.31	18.08	16.91	16.21	15.68	15.39	14.92	14.51	14.10
45.0	44.54	37.75	31.54	29.32	25.75	23.94	22.71	22.18	21.36
90.0	47.52	36.52	33.88	29.79	27.10	25.46	24.81	23.76	21.77
135.0	38.98	37.04	33.12	30.72	27.92	24.40	22.77	21.48	20.60
180.0	26.39	24.17	21.30	19.25	17.62	16.50	16.09	15.80	15.39
225.0	39.50	34.12	31.84	28.62	24.64	23.06	22.06	20.83	19.61
270.0	52.96	51.15	38.04	35.58	31.78	28.50	26.63	25.63	24.40
315.0	30.55	28.03	25.52	22.59	20.83	19.78	19.20	18.38	17.09
360.0	20.31	18.08	16.91	16.21	15.68	15.39	14.92	14.51	14.10
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.69	13.11	12.47	11.76	10.77	10.71	10.77	10.71	10.65
45.0	18.26	15.57	13.87	12.93	14.05	15.33	17.85	18.55	18.79
90.0	17.85	14.69	12.82	12.17	11.53	11.29	11.06	10.83	10.71
135.0	18.96	16.85	15.16	13.69	13.58	14.10	16.74	17.91	18.26
180.0	15.10	14.57	14.05	13.28	12.11	10.77	10.65	10.83	10.65
225.0	16.50	15.10	13.52	13.64	14.75	17.38	18.61	18.79	19.66
270.0	22.00	19.02	14.28	12.58	11.76	11.24	11.00	10.83	10.65
315.0	14.98	13.46	12.70	12.99	13.64	15.68	16.56	16.74	17.73
360.0	13.69	13.11	12.47	11.76	10.77	10.71	10.77	10.71	10.65

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	10.65
45.0	19.72
90.0	10.65
135.0	19.43
180.0	10.59
225.0	20.83
270.0	10.59
315.0	19.20
360.0	10.65