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Nata

Client:

LumCAT: 2-2760-L

Luminaire: 92.70.411.00

Report No: 2024830-B005

Ballast type: AC

Test No: 2024830-C005

Voltage(V): 34.940

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.598

Lamp flux(lm): 3409.0

Power (W): 20.880

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3161.73, Efficiency(%): 92.75% , Luminous Efficacy(lm/W): 151.42

Central intensity(cd): 4664.146, Maximum intensity(cd): 4665.415

Angle of maximum intensity: C=0.0 γ =2.0

Beam Angle(50%Imax): [C0/180]Total=50.8

[C90/270]Total=50.8

Field angle(10%Imax): [C0/180]Total=73.4

[C90/270]Total=73.4

Maximum s/h(1/2): C0_180=0.80 C90_270=0.80

Maximum s/h(1/4): C0_180=0.78 C90_270=0.78

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.75%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.488%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

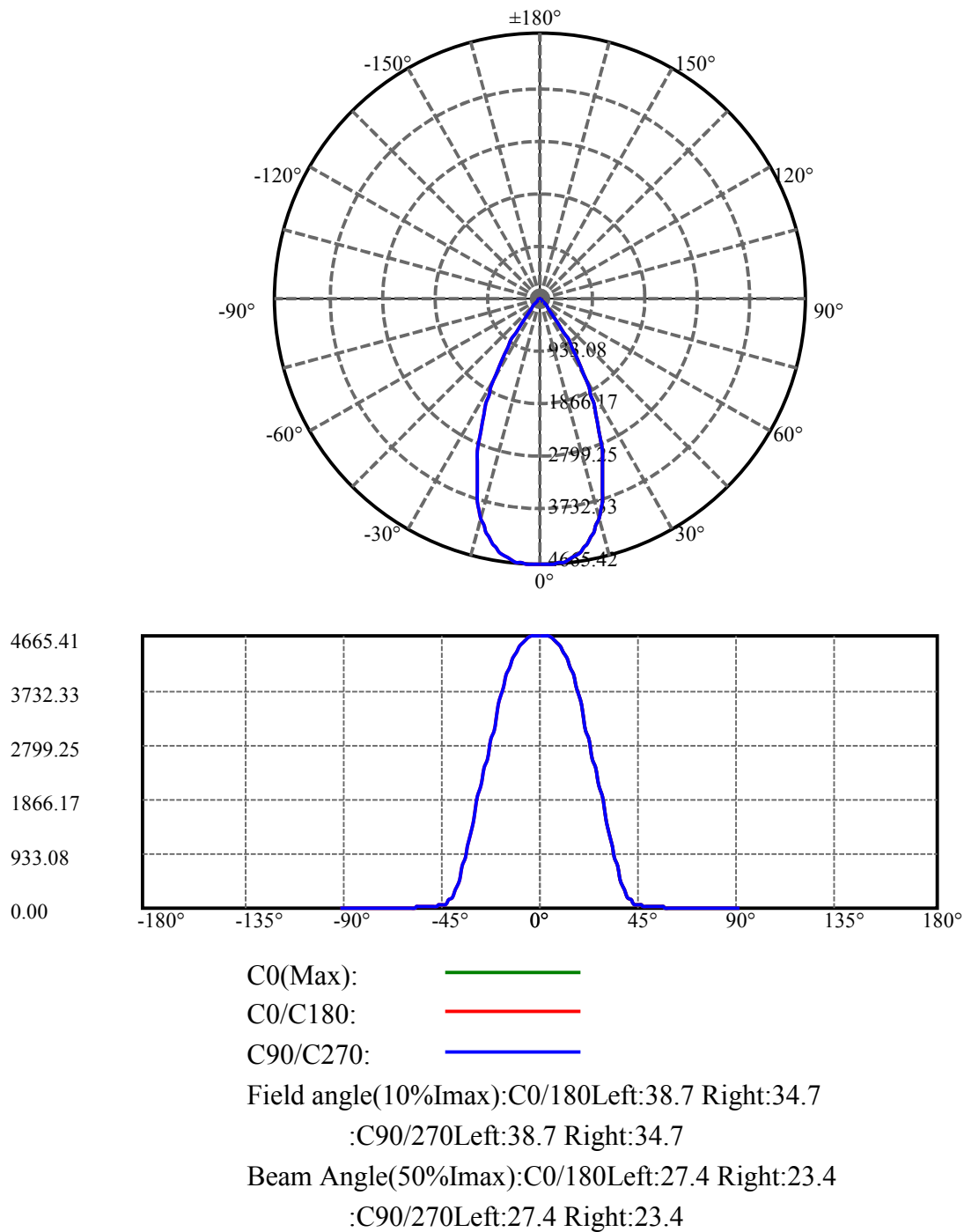
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4664.147	0.000	0	0.00%	0.00%
1.0	4665.001	4.464	4.464	0.13%	0.14%
2.0	4665.415	13.392	17.856	0.39%	0.56%
3.0	4661.656	22.307	40.163	0.65%	1.27%
4.0	4655.185	31.186	71.349	0.91%	2.26%
5.0	4645.211	40.010	111.359	1.17%	3.52%
6.0	4621.899	48.701	160.06	1.43%	5.06%
7.0	4590.474	57.181	217.241	1.68%	6.87%
8.0	4550.842	65.423	282.664	1.92%	8.94%
9.0	4502.372	73.371	356.035	2.15%	11.26%
10.0	4437.957	80.907	436.942	2.37%	13.82%
11.0	4374.363	88.053	524.995	2.58%	16.60%
12.0	4294.139	94.759	619.754	2.78%	19.60%
13.0	4210.986	100.934	720.689	2.96%	22.79%
14.0	4110.342	106.512	827.201	3.12%	26.16%
15.0	3997.720	111.311	938.512	3.27%	29.68%
16.0	3863.311	115.186	1053.698	3.38%	33.33%
17.0	3730.919	118.263	1171.961	3.47%	37.07%
18.0	3574.073	120.443	1292.404	3.53%	40.88%
19.0	3405.400	121.429	1413.833	3.56%	44.72%
20.0	3230.728	121.460	1535.292	3.56%	48.56%
21.0	3054.315	120.686	1655.978	3.54%	52.38%
22.0	2895.872	119.572	1775.549	3.51%	56.16%
23.0	2717.573	117.785	1893.335	3.46%	59.88%
24.0	2561.226	115.413	2008.748	3.39%	63.53%
25.0	2394.419	112.681	2121.429	3.31%	67.10%
26.0	2237.993	109.349	2230.777	3.21%	70.56%
27.0	2078.860	105.613	2336.39	3.10%	73.90%
28.0	1920.075	101.245	2437.635	2.97%	77.10%
29.0	1750.758	96.039	2533.674	2.82%	80.14%
30.0	1531.165	88.611	2622.285	2.60%	82.94%
31.0	1384.411	81.136	2703.422	2.38%	85.50%
32.0	1167.347	73.105	2776.526	2.14%	87.82%
33.0	1041.684	65.079	2841.605	1.91%	89.88%
34.0	877.774	58.088	2899.694	1.70%	91.71%
35.0	720.264	49.629	2949.323	1.46%	93.28%
36.0	562.307	40.837	2990.16	1.20%	94.57%
37.0	428.903	32.328	3022.488	0.95%	95.60%

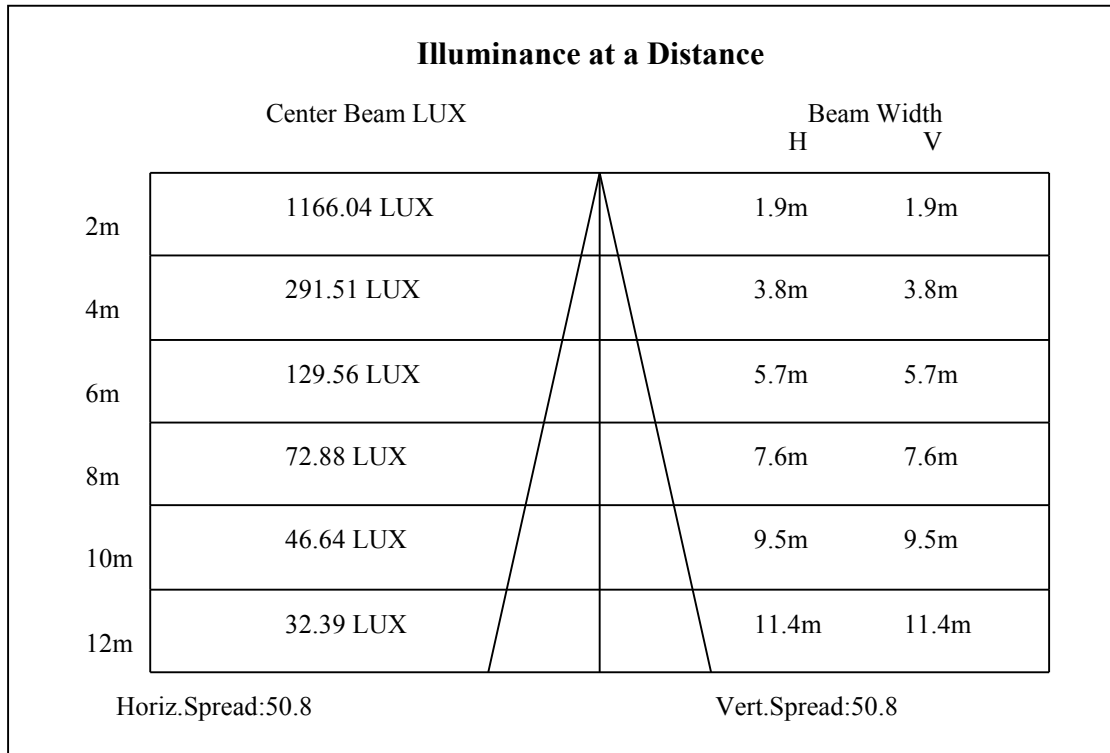
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	331.255	25.373	3047.861	0.74%	96.40%
39.0	240.460	19.514	3067.375	0.57%	97.02%
40.0	167.405	14.225	3081.6	0.42%	97.47%
41.0	135.210	10.776	3092.376	0.32%	97.81%
42.0	86.728	8.063	3100.44	0.24%	98.06%
43.0	72.287	5.890	3106.33	0.17%	98.25%
44.0	59.507	4.974	3111.304	0.15%	98.41%
45.0	50.631	4.233	3115.537	0.12%	98.54%
46.0	43.765	3.692	3119.229	0.11%	98.66%
47.0	37.779	3.243	3122.472	0.10%	98.76%
48.0	33.029	2.862	3125.334	0.08%	98.85%
49.0	29.054	2.549	3127.884	0.07%	98.93%
50.0	25.880	2.290	3130.174	0.07%	99.00%
51.0	23.279	2.080	3132.254	0.06%	99.07%
52.0	21.104	1.904	3134.158	0.06%	99.13%
53.0	19.402	1.762	3135.92	0.05%	99.18%
54.0	17.779	1.639	3137.559	0.05%	99.24%
55.0	16.419	1.527	3139.086	0.04%	99.28%
56.0	15.348	1.435	3140.521	0.04%	99.33%
57.0	14.330	1.357	3141.878	0.04%	99.37%
58.0	13.423	1.283	3143.162	0.04%	99.41%
59.0	12.510	1.212	3144.374	0.04%	99.45%
60.0	11.833	1.150	3145.524	0.03%	99.49%
61.0	11.124	1.096	3146.62	0.03%	99.52%
62.0	10.440	1.039	3147.659	0.03%	99.56%
63.0	9.882	0.988	3148.647	0.03%	99.59%
64.0	9.363	0.944	3149.591	0.03%	99.62%
65.0	8.850	0.901	3150.493	0.03%	99.64%
66.0	8.357	0.859	3151.351	0.03%	99.67%
67.0	7.937	0.819	3152.171	0.02%	99.70%
68.0	7.536	0.784	3152.954	0.02%	99.72%
69.0	7.129	0.748	3153.703	0.02%	99.75%
70.0	6.767	0.714	3154.416	0.02%	99.77%
71.0	6.386	0.680	3155.096	0.02%	99.79%
72.0	5.999	0.644	3155.74	0.02%	99.81%
73.0	5.657	0.610	3156.35	0.02%	99.83%
74.0	5.335	0.578	3156.927	0.02%	99.85%
75.0	5.000	0.546	3157.474	0.02%	99.87%

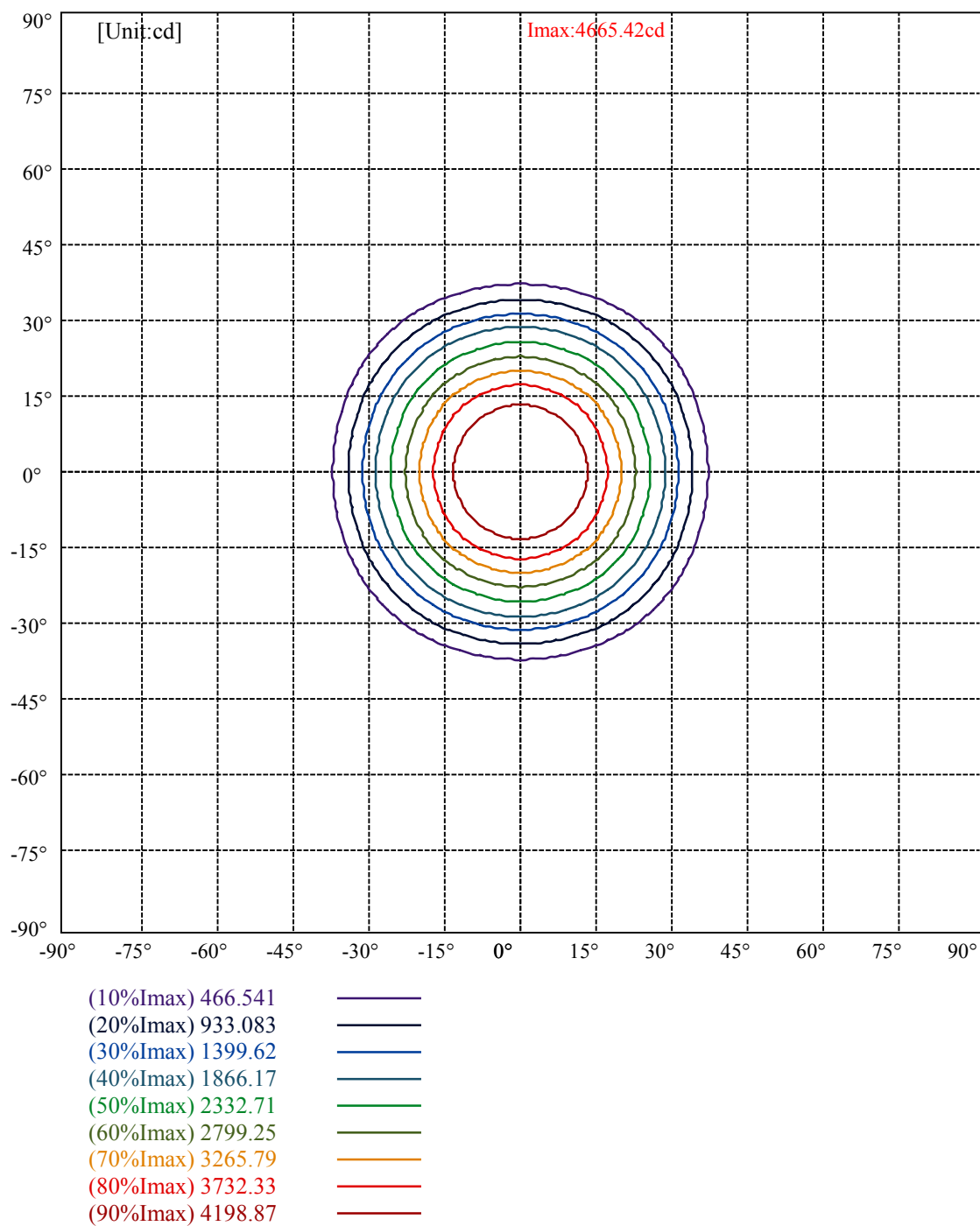
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.626	0.511	3157.984	0.01%	99.88%
77.0	4.297	0.476	3158.46	0.01%	99.90%
78.0	3.949	0.441	3158.902	0.01%	99.91%
79.0	3.601	0.406	3159.307	0.01%	99.92%
80.0	3.246	0.369	3159.676	0.01%	99.94%
81.0	2.898	0.332	3160.009	0.01%	99.95%
82.0	2.602	0.298	3160.307	0.01%	99.96%
83.0	2.313	0.267	3160.574	0.01%	99.96%
84.0	2.037	0.237	3160.811	0.01%	99.97%
85.0	1.800	0.209	3161.02	0.01%	99.98%
86.0	1.590	0.185	3161.206	0.01%	99.98%
87.0	1.360	0.161	3161.367	0.00%	99.99%
88.0	1.143	0.137	3161.504	0.00%	99.99%
89.0	1.005	0.118	3161.622	0.00%	100.00%
90.0	0.926	0.106	3161.728	0.00%	100.00%

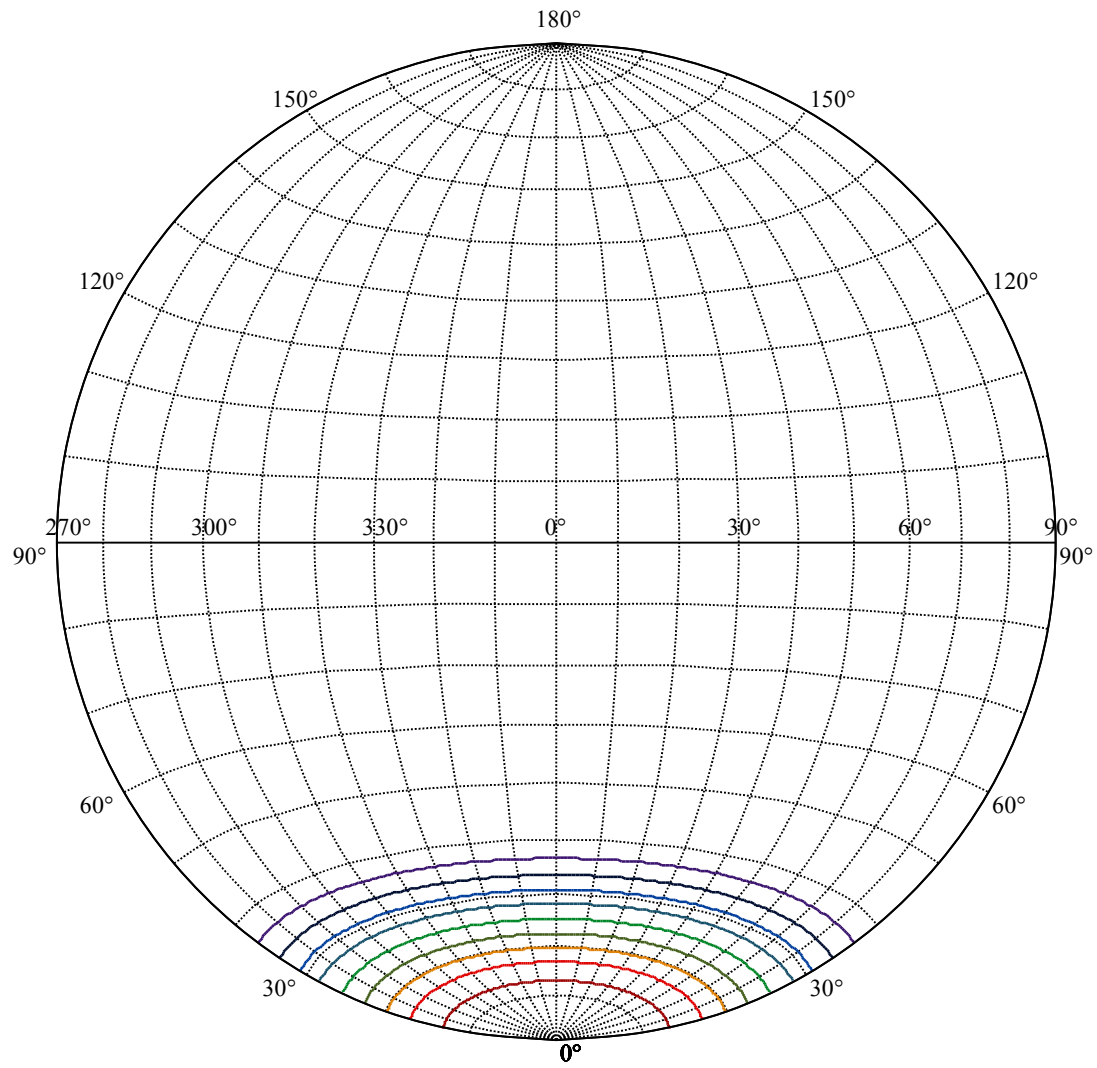
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	2622.29	76.92%	82.94%
0-40	3081.60	90.40%	97.47%
0-60	3145.52	92.27%	99.49%
0-90	3161.62	92.74%	100.00%
0-120	3161.62	92.74%	100.00%
0-180	3161.73	92.75%	100.00%
60-90	16.10	0.47%	0.51%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-28.96	2529.38	74.20%	80.00%

ZONAL LUMEN SUMMARY	
0-10	436.94
10-20	1098.35
20-30	1086.99
30-40	459.31
40-50	48.57
50-60	15.35
60-70	8.89
70-80	5.26
80-90	1.95
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







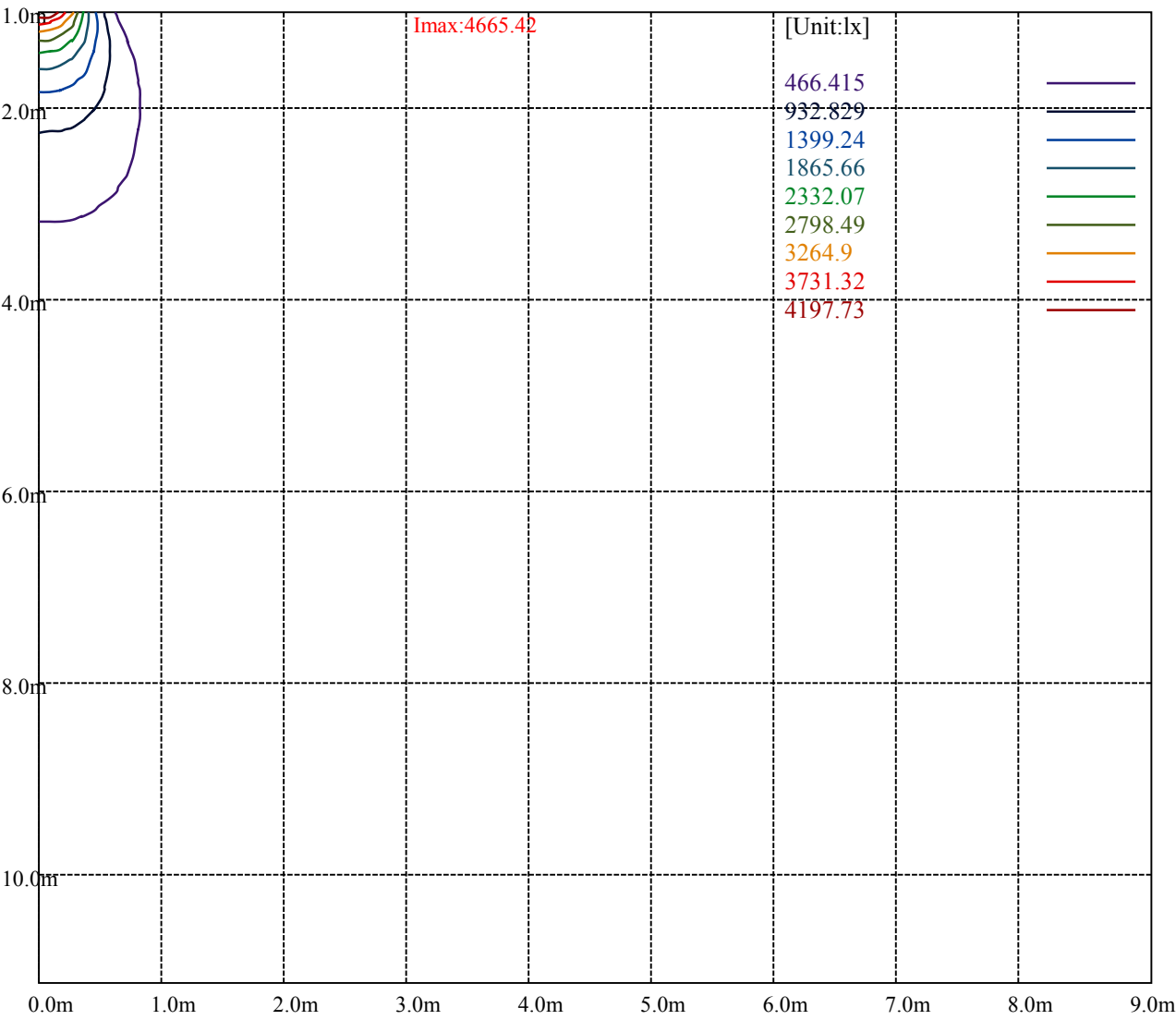


House

[Unit:cd]

Road

Imax:4665.42	
(10%Imax) 466.541	—
(20%Imax) 933.083	—
(30%Imax) 1399.62	—
(40%Imax) 1866.17	—
(50%Imax) 2332.71	—
(60%Imax) 2799.25	—
(70%Imax) 3265.79	—
(80%Imax) 3732.33	—
(90%Imax) 4198.87	—



Luminance Limiting Curve(no luminous side)

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Luminance Table

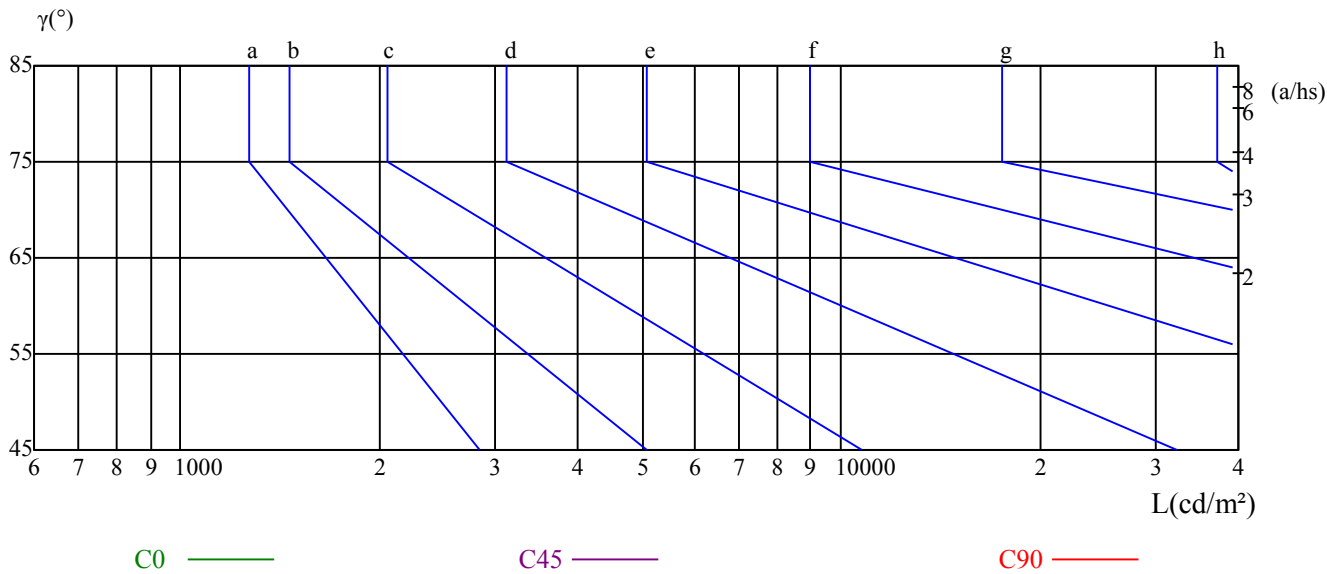
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

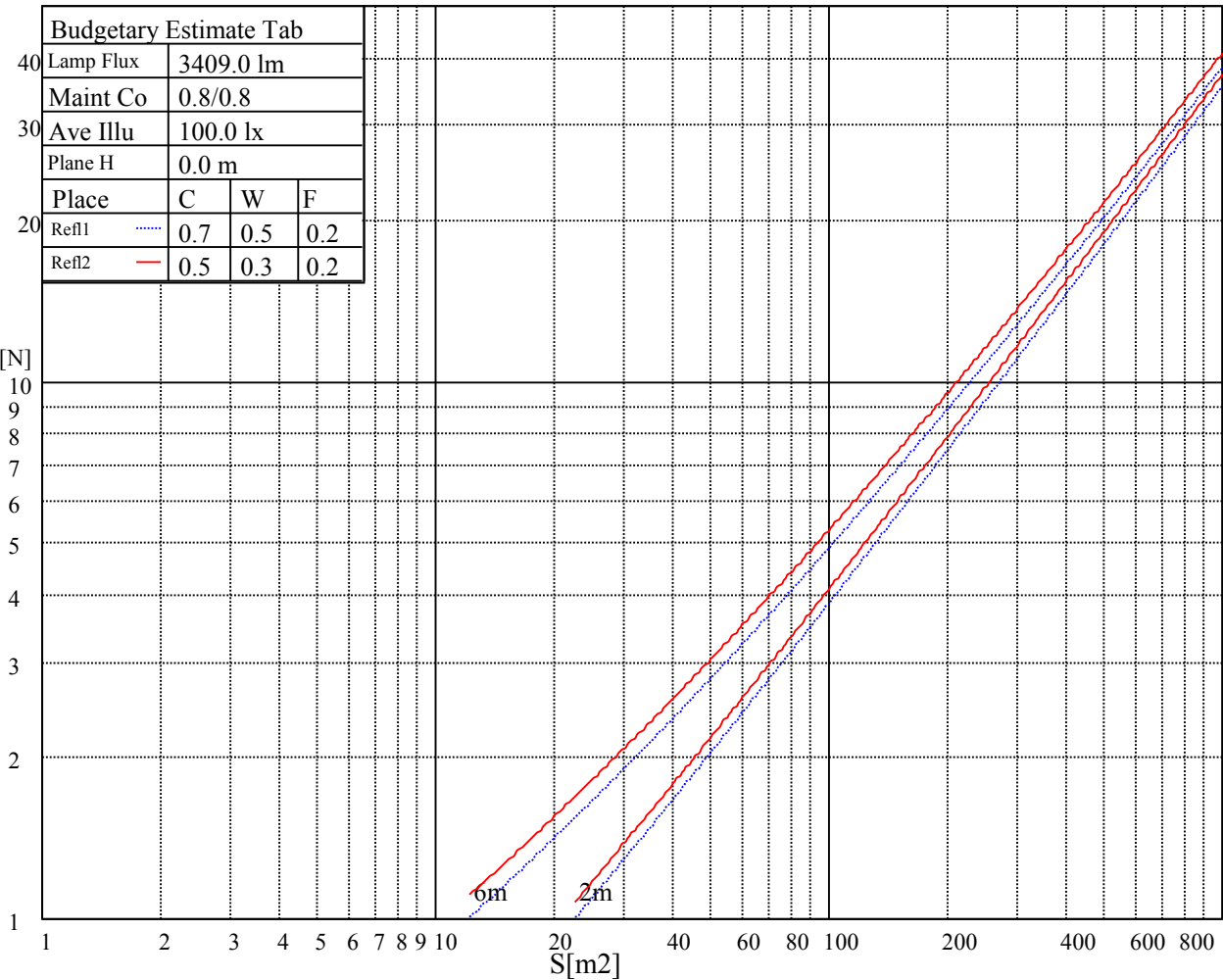
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

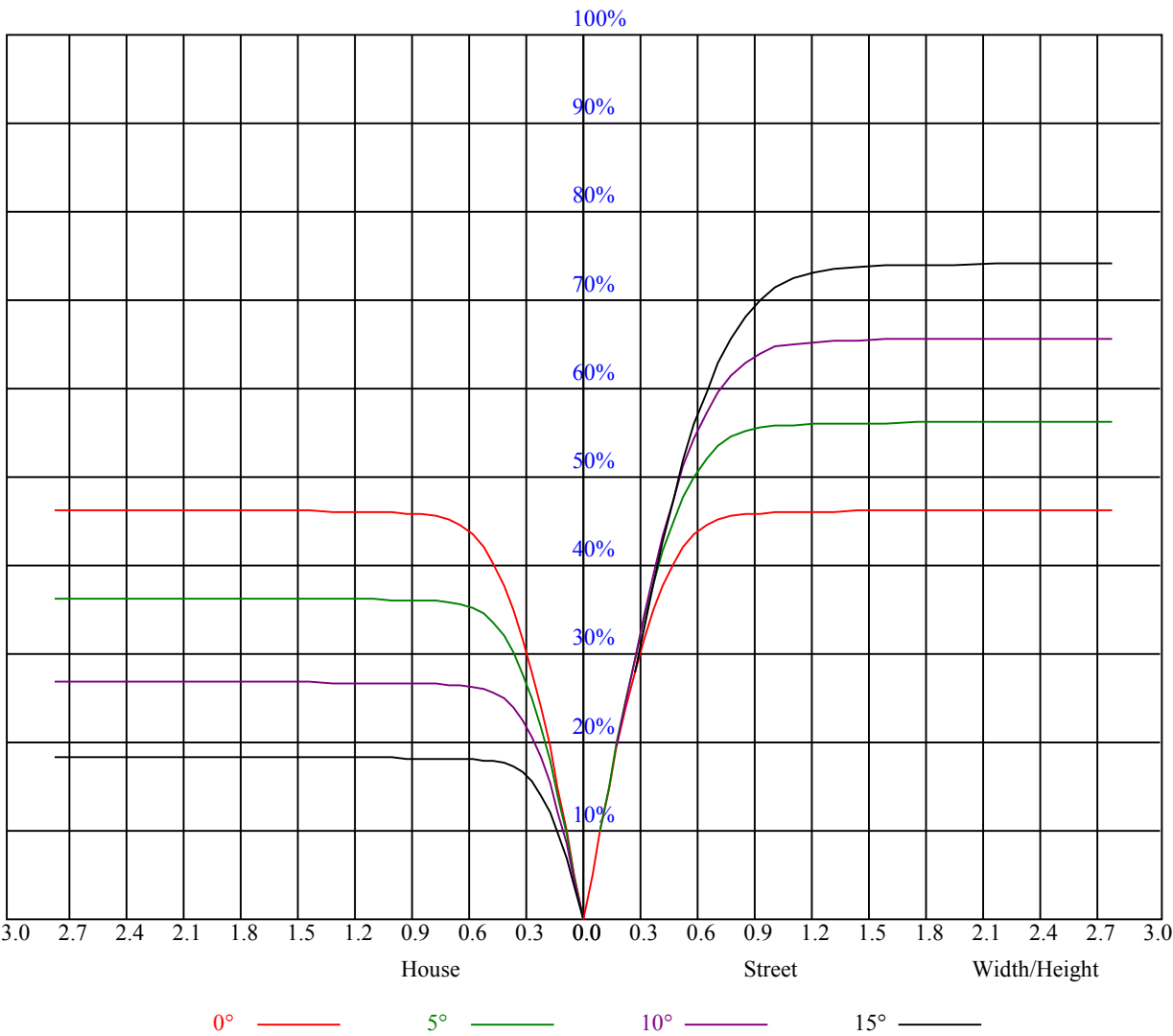


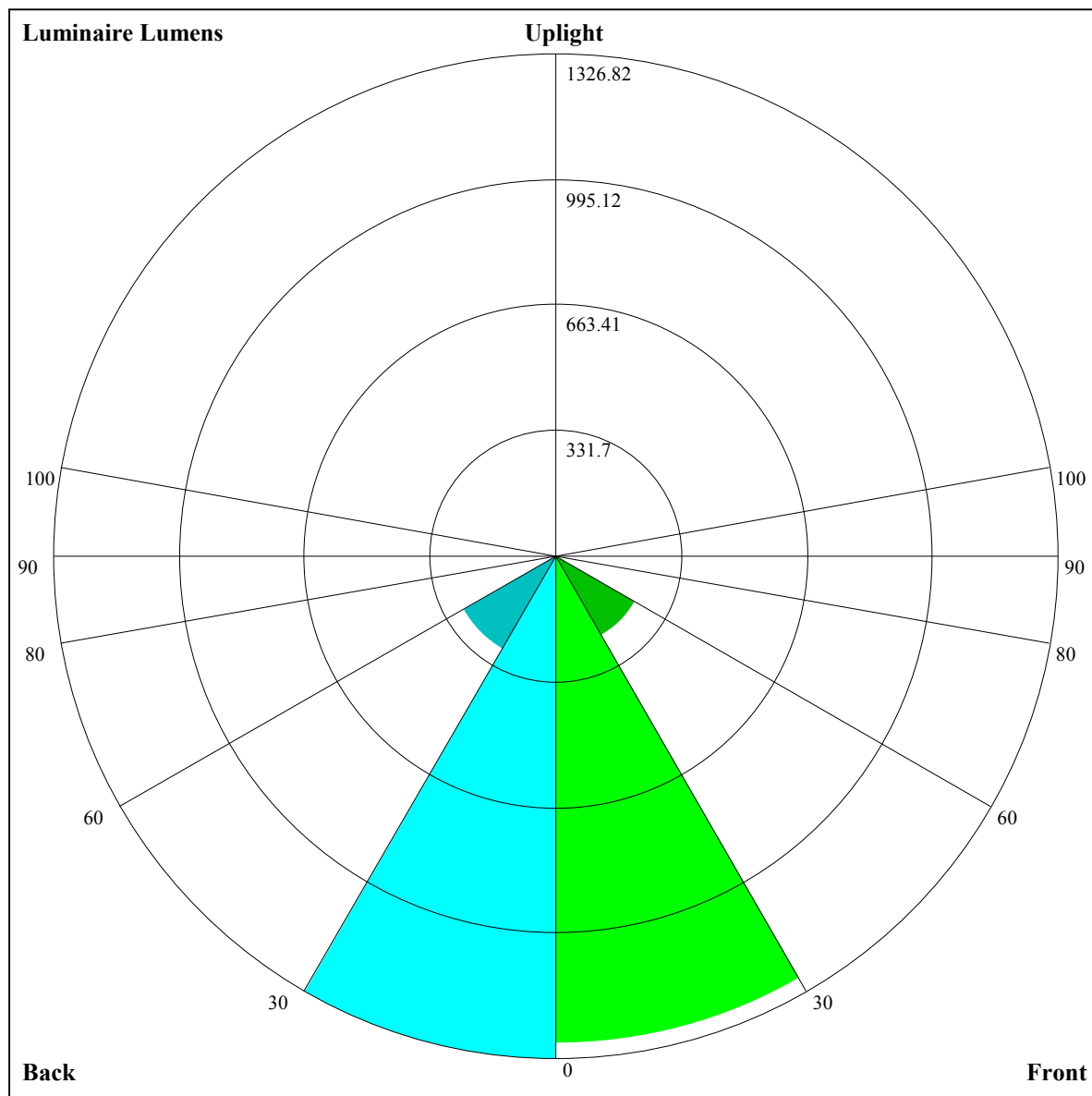
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.10	1.10	1.10	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.03	1.01	0.99	1.01	0.99	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.93	0.91	0.95	0.92	0.90	0.92	0.90	0.88	0.90	0.88	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	0.81	0.78	0.85	0.81	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.75	0.73
5	0.81	0.76	0.73	0.80	0.76	0.72	0.79	0.75	0.72	0.77	0.74	0.71	0.76	0.73	0.70	0.69
6	0.77	0.72	0.68	0.76	0.71	0.68	0.75	0.71	0.67	0.73	0.70	0.67	0.72	0.69	0.67	0.65
7	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
8	0.69	0.64	0.61	0.69	0.64	0.61	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.59
9	0.66	0.61	0.57	0.65	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.56
10	0.63	0.58	0.55	0.62	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.60	0.57	0.54	0.53





Luminaire Lumens:

FL=1287.3,FM=243.11,FH=6.95,FVH=0.99

BL=1326.82,BM=285.73,BH=7.25,BVH=1.08

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	4675.43	4680.48	4687.68	4681.01	4673.23	4659.82	4625.87	4584.08	4533.36
45.0	4657.04	4678.80	4690.47	4694.94	4695.51	4693.83	4679.90	4641.48	4590.18
90.0	4672.65	4686.05	4693.83	4691.62	4688.84	4664.29	4620.30	4572.36	4516.12
135.0	4651.47	4662.08	4666.55	4670.44	4670.97	4661.51	4652.62	4629.18	4582.40
180.0	4675.43	4668.18	4652.62	4646.47	4642.58	4638.12	4617.51	4604.11	4590.76
225.0	4657.04	4639.22	4635.33	4620.30	4601.90	4585.18	4556.22	4530.57	4487.10
270.0	4672.65	4653.73	4640.32	4637.54	4620.30	4605.79	4589.65	4573.46	4559.53
315.0	4651.47	4651.47	4656.51	4650.94	4648.15	4653.15	4633.12	4588.55	4547.29
360.0	4675.43	4680.48	4687.68	4681.01	4673.23	4659.82	4625.87	4584.08	4533.36
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4477.64	4408.57	4331.10	4237.54	4127.21	4014.67	3873.12	3714.91	3544.97
45.0	4535.62	4467.08	4393.54	4297.14	4192.96	4071.49	3945.55	3799.59	3635.80
90.0	4456.46	4362.90	4259.24	4153.96	4043.63	3912.12	3785.08	3588.97	3449.15
135.0	4537.25	4462.61	4400.74	4337.25	4243.11	4127.73	4007.42	3877.01	3727.73
180.0	4541.72	4482.11	4424.19	4361.74	4297.14	4212.46	4111.02	4000.74	3885.37
225.0	4430.86	4376.25	4318.85	4255.88	4175.09	4086.52	3981.24	3864.24	3793.44
270.0	4525.00	4481.53	4435.85	4376.25	4323.32	4257.56	4181.24	4087.63	3978.46
315.0	4514.44	4462.61	4431.39	4333.36	4285.42	4200.16	4097.09	3973.41	3832.44
360.0	4477.64	4408.57	4331.10	4237.54	4127.21	4014.67	3873.12	3714.91	3544.97
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3360.53	3165.00	2975.56	2797.27	2691.94	2457.40	2358.22	2196.64	1980.45
45.0	3462.50	3280.32	3102.03	2917.06	2749.91	2581.61	2449.04	2259.61	2138.66
90.0	3264.71	3080.85	2899.77	2730.94	2564.37	2402.21	2238.43	2082.42	1918.58
135.0	3562.21	3383.40	3205.10	3031.81	2857.40	2684.68	2522.58	2367.10	2209.46
180.0	3746.66	3596.22	3429.65	3253.57	3149.39	2983.92	2817.88	2654.62	2494.14
225.0	3658.09	3501.50	3336.56	3165.00	2985.02	2817.30	2647.94	2485.79	2325.31
270.0	3859.77	3728.84	3575.62	3402.90	3224.60	3050.20	2871.33	2693.04	2588.34
315.0	3678.11	3507.08	3321.53	3135.98	2944.34	2763.26	2584.39	2416.14	2248.99
360.0	3360.53	3165.00	2975.56	2797.27	2691.94	2457.40	2358.22	2196.64	1980.45
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1878.48	1699.08	1513.01	1081.26	1010.41	975.09	804.26	638.69	486.15
45.0	1987.70	1791.59	1652.83	1470.07	1284.57	1101.24	921.26	749.12	588.65
90.0	1744.23	1563.16	1285.10	1084.47	1011.99	905.13	734.19	518.79	436.01
135.0	2063.45	1899.08	1719.16	1604.37	1417.72	1160.84	1055.56	878.95	712.33
180.0	2344.29	2195.54	2047.89	1880.74	1695.72	1507.44	1318.00	1131.36	950.80
225.0	2167.68	2018.87	1857.30	1679.00	1494.61	1061.45	1061.45	990.22	817.50
270.0	2353.17	2256.82	2098.56	1869.02	1763.73	1582.08	1393.22	1207.68	1027.12
315.0	2091.88	1936.46	1832.22	1580.40	1396.53	1045.52	1045.52	907.39	743.55
360.0	1878.48	1699.08	1513.01	1081.26	1010.41	975.09	804.26	638.69	486.15
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	375.77	236.32	154.90	117.00	88.73	74.69	62.18	53.25	45.78
45.0	439.90	310.64	310.64	144.97	110.01	96.77	72.80	66.07	56.56
90.0	311.06	213.09	149.38	114.90	93.09	76.48	65.07	55.93	48.04
135.0	557.48	415.40	338.50	338.50	138.66	106.65	85.05	69.80	59.40
180.0	778.66	617.08	469.44	336.24	287.78	195.90	113.69	89.67	72.69
225.0	593.33	505.34	374.19	263.81	180.08	126.68	97.35	79.00	65.18
270.0	854.40	692.83	541.87	402.58	304.49	304.49	118.79	101.24	74.69
315.0	587.86	440.53	311.12	205.68	136.40	100.03	78.90	63.34	53.72
360.0	375.77	236.32	154.90	117.00	88.73	74.69	62.18	53.25	45.78

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	39.42	34.27	29.91	26.65	24.02	21.81	19.97	18.50	17.14
45.0	48.83	42.31	36.74	32.22	28.75	25.76	23.34	21.39	19.66
90.0	41.47	36.22	31.91	28.38	25.44	23.13	21.50	19.45	17.87
135.0	52.35	43.57	37.58	33.69	28.49	25.97	23.29	21.18	19.45
180.0	60.03	51.09	43.73	37.63	32.54	28.38	25.28	22.65	20.55
225.0	55.35	47.36	40.74	35.27	30.64	27.02	24.18	21.76	20.60
270.0	61.92	56.29	48.04	41.21	35.53	30.91	27.12	24.28	21.92
315.0	45.68	39.00	33.59	29.17	27.02	24.07	21.55	19.61	18.03
360.0	39.42	34.27	29.91	26.65	24.02	21.81	19.97	18.50	17.14
C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.93	14.82	13.88	13.04	12.25	11.46	11.09	10.25	9.67
45.0	18.08	16.71	15.51	14.51	13.51	12.56	11.83	11.14	10.57
90.0	16.82	15.35	14.51	13.51	12.62	11.83	11.14	10.41	9.78
135.0	17.82	16.45	15.35	14.30	13.30	12.46	11.67	11.04	10.41
180.0	18.82	17.50	16.19	15.09	14.45	13.19	12.62	11.98	10.99
225.0	18.19	16.87	16.08	14.98	13.98	13.04	12.25	11.46	10.72
270.0	19.87	18.24	16.87	15.72	14.61	13.61	12.83	12.09	11.30
315.0	16.71	15.40	14.40	13.51	12.67	11.93	11.25	10.62	10.09
360.0	15.93	14.82	13.88	13.04	12.25	11.46	11.09	10.25	9.67
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.36	8.78	8.30	7.88	7.46	7.04	6.68	6.36	5.99
45.0	9.78	9.30	8.83	8.36	7.83	7.41	6.99	6.62	6.15
90.0	9.30	8.73	8.25	7.73	7.36	6.94	6.52	6.15	5.78
135.0	9.78	9.30	8.78	8.25	7.83	7.41	7.15	6.83	6.41
180.0	10.57	9.93	9.46	8.94	8.46	7.99	7.62	7.25	6.83
225.0	10.14	9.62	9.04	8.57	8.09	7.67	7.31	6.83	6.47
270.0	10.62	10.30	9.57	9.04	8.78	8.36	7.83	7.41	7.04
315.0	9.51	8.94	8.57	8.09	7.67	7.46	6.94	6.68	6.41
360.0	9.36	8.78	8.30	7.88	7.46	7.04	6.68	6.36	5.99
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.57	5.20	4.89	4.57	4.15	3.84	3.42	3.21	2.73
45.0	5.83	5.52	5.10	4.78	4.36	4.05	3.73	3.26	3.00
90.0	5.41	5.05	4.68	4.36	3.99	3.57	3.36	2.89	2.68
135.0	6.04	5.68	5.31	4.99	4.63	4.26	3.94	3.57	3.15
180.0	6.47	6.10	5.78	5.47	4.99	4.78	4.36	4.15	3.68
225.0	6.10	5.78	5.57	5.15	4.78	4.52	4.15	3.78	3.42
270.0	6.68	6.25	5.94	5.68	5.31	4.99	4.63	4.26	3.99
315.0	5.89	5.68	5.41	4.99	4.78	4.36	3.99	3.68	3.31
360.0	5.57	5.20	4.89	4.57	4.15	3.84	3.42	3.21	2.73
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.47	2.21	1.94	1.79	1.52	1.31	1.16	0.95	0.84
45.0	2.68	2.31	2.05	1.79	1.58	1.47	1.21	1.05	0.79
90.0	2.26	2.00	1.89	1.68	1.47	1.26	1.00	0.79	0.89
135.0	2.84	2.63	2.21	2.00	1.79	1.52	1.31	1.10	0.89
180.0	3.31	3.00	2.63	2.42	2.05	1.79	1.52	1.37	1.21
225.0	3.00	2.73	2.52	2.16	1.94	1.79	1.47	1.31	1.16
270.0	3.63	3.26	2.89	2.47	2.21	1.89	1.79	1.42	1.26
315.0	3.00	2.68	2.37	2.00	1.84	1.68	1.42	1.16	1.00
360.0	2.47	2.21	1.94	1.79	1.52	1.31	1.16	0.95	0.84

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.84
45.0	0.89
90.0	0.89
135.0	0.89
180.0	0.95
225.0	1.00
270.0	1.05
315.0	0.89
360.0	0.84