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Address:380 JinOu Road, JiangMen City, GuangDong, China 529040

NT

Client: NT
LumCAT: 2-2942-L
Luminaire: 92.70.411.00 LED HOLDER
Report No: 20250318-B007
Ballast type: AC

Test No: 20250318-C007	Voltage(V): 35.920
LampCAT: LUMILEDS LUXEON COB 1208	Current(A): 0.896
Lamp flux(lm): 4008.4	Power (W): 32.180
Number of Lamps: 1	PF: 0.000
Length(mm): 75	Width(mm): 75
Phm Type: C	Height(mm): 52

Photometric Results

Lumens(lm): 3722.11, Efficiency(%): 92.86% , Luminous Efficacy(lm/W): 115.67
Central intensity(cd): 6698.713, Maximum intensity(cd): 6740.812
Angle of maximum intensity: C=180.0 γ=1.0
Beam Angle(50%Imax): [C0/180]Total=47.7
[C90/270]Total=47.4
Field angle(10%Imax): [C0/180]Total=67.3
[C90/270]Total=67.3
Maximum s/h(1/2): C0_180=0.80 C90_270=0.73
Maximum s/h(1/4): C0_180=0.77 C90_270=0.71
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 92.80%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.938%

NT NT 2-2942-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6705.108	0.000	0	0.00%	0.00%
1.0	6680.528	6.405	6.405	0.16%	0.17%
2.0	6620.976	19.092	25.496	0.48%	0.68%
3.0	6535.246	31.465	56.962	0.78%	1.53%
4.0	6434.994	43.416	100.377	1.08%	2.70%
5.0	6330.945	54.918	155.296	1.37%	4.17%
6.0	6221.501	65.966	221.262	1.65%	5.94%
7.0	6091.607	76.427	297.689	1.91%	8.00%
8.0	5992.021	86.480	384.17	2.16%	10.32%
9.0	5877.181	96.193	480.363	2.40%	12.91%
10.0	5762.408	105.334	585.697	2.63%	15.74%
11.0	5658.159	114.115	699.812	2.85%	18.80%
12.0	5551.845	122.541	822.353	3.06%	22.09%
13.0	5434.274	130.378	952.731	3.25%	25.60%
14.0	5326.229	137.733	1090.464	3.44%	29.30%
15.0	5219.582	144.778	1235.242	3.61%	33.19%
16.0	5075.766	150.856	1386.098	3.76%	37.24%
17.0	4936.746	155.922	1542.019	3.89%	41.43%
18.0	4756.625	159.823	1701.842	3.99%	45.72%
19.0	4550.393	161.923	1863.765	4.04%	50.07%
20.0	4312.786	162.221	2025.986	4.05%	54.43%
21.0	4061.924	160.811	2186.797	4.01%	58.75%
22.0	3804.333	158.076	2344.873	3.94%	63.00%
23.0	3549.407	154.301	2499.174	3.85%	67.14%
24.0	3290.085	149.536	2648.71	3.73%	71.16%
25.0	3030.829	143.724	2792.434	3.59%	75.02%
26.0	2779.700	137.158	2929.592	3.42%	78.71%
27.0	2511.051	129.439	3059.031	3.23%	82.19%
28.0	2195.974	119.172	3178.203	2.97%	85.39%
29.0	1922.930	107.762	3285.966	2.69%	88.28%
30.0	1543.218	93.585	3379.551	2.33%	90.80%
31.0	1250.750	77.752	3457.303	1.94%	92.89%
32.0	1061.117	66.232	3523.535	1.65%	94.67%
33.0	824.303	55.545	3579.08	1.39%	96.16%
34.0	611.589	43.454	3622.535	1.08%	97.32%
35.0	402.886	31.506	3654.041	0.79%	98.17%
36.0	254.906	20.944	3674.985	0.52%	98.73%
37.0	179.168	14.157	3689.142	0.35%	99.11%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	102.623	9.406	3698.548	0.23%	99.37%
39.0	34.445	4.679	3703.226	0.12%	99.49%
40.0	22.948	2.002	3705.228	0.05%	99.55%
41.0	16.347	1.399	3706.627	0.03%	99.58%
42.0	12.969	1.065	3707.692	0.03%	99.61%
43.0	11.357	0.901	3708.593	0.02%	99.64%
44.0	10.385	0.821	3709.414	0.02%	99.66%
45.0	9.446	0.762	3710.176	0.02%	99.68%
46.0	8.786	0.713	3710.889	0.02%	99.70%
47.0	8.147	0.673	3711.563	0.02%	99.72%
48.0	7.620	0.637	3712.2	0.02%	99.73%
49.0	7.068	0.603	3712.803	0.02%	99.75%
50.0	6.608	0.570	3713.373	0.01%	99.77%
51.0	6.155	0.540	3713.913	0.01%	99.78%
52.0	5.702	0.509	3714.422	0.01%	99.79%
53.0	5.336	0.480	3714.902	0.01%	99.81%
54.0	4.983	0.455	3715.357	0.01%	99.82%
55.0	4.663	0.431	3715.788	0.01%	99.83%
56.0	4.336	0.407	3716.194	0.01%	99.84%
57.0	4.030	0.383	3716.577	0.01%	99.85%
58.0	3.790	0.362	3716.938	0.01%	99.86%
59.0	3.517	0.342	3717.28	0.01%	99.87%
60.0	3.277	0.321	3717.601	0.01%	99.88%
61.0	3.058	0.302	3717.903	0.01%	99.89%
62.0	2.864	0.285	3718.189	0.01%	99.89%
63.0	2.671	0.269	3718.458	0.01%	99.90%
64.0	2.498	0.254	3718.712	0.01%	99.91%
65.0	2.351	0.240	3718.952	0.01%	99.92%
66.0	2.205	0.227	3719.179	0.01%	99.92%
67.0	2.072	0.215	3719.394	0.01%	99.93%
68.0	1.965	0.204	3719.598	0.01%	99.93%
69.0	1.825	0.193	3719.792	0.00%	99.94%
70.0	1.745	0.183	3719.975	0.00%	99.94%
71.0	1.645	0.175	3720.15	0.00%	99.95%
72.0	1.559	0.167	3720.317	0.00%	99.95%
73.0	1.465	0.158	3720.475	0.00%	99.96%
74.0	1.386	0.150	3720.625	0.00%	99.96%
75.0	1.306	0.142	3720.767	0.00%	99.96%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.232	0.135	3720.902	0.00%	99.97%
77.0	1.146	0.127	3721.029	0.00%	99.97%
78.0	1.092	0.120	3721.149	0.00%	99.97%
79.0	1.039	0.115	3721.263	0.00%	99.98%
80.0	0.979	0.109	3721.372	0.00%	99.98%
81.0	0.893	0.101	3721.473	0.00%	99.98%
82.0	0.846	0.094	3721.567	0.00%	99.99%
83.0	0.793	0.089	3721.656	0.00%	99.99%
84.0	0.733	0.083	3721.74	0.00%	99.99%
85.0	0.679	0.077	3721.817	0.00%	99.99%
86.0	0.606	0.070	3721.887	0.00%	99.99%
87.0	0.560	0.064	3721.951	0.00%	100.00%
88.0	0.480	0.057	3722.008	0.00%	100.00%
89.0	0.453	0.051	3722.059	0.00%	100.00%
90.0	0.433	0.049	3722.107	0.00%	100.00%

Zonal flux distribution table

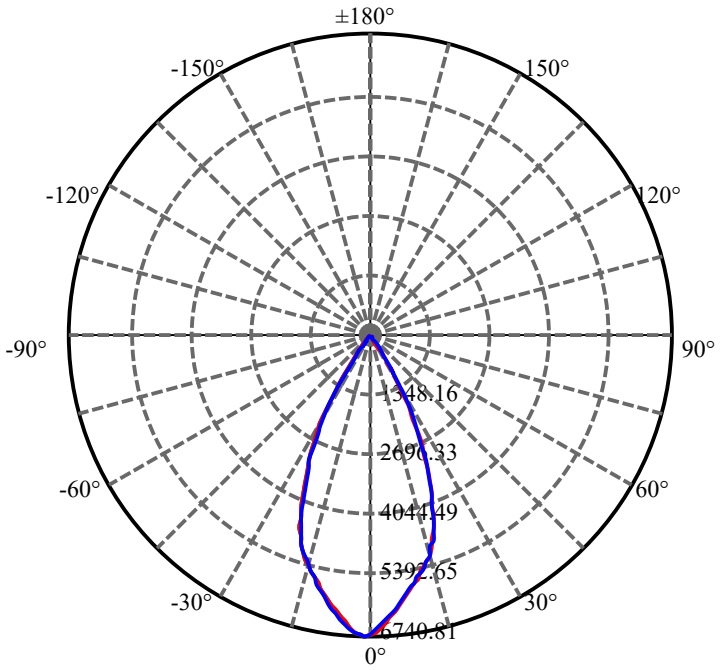
ZONAL LUMEN SUMMARY

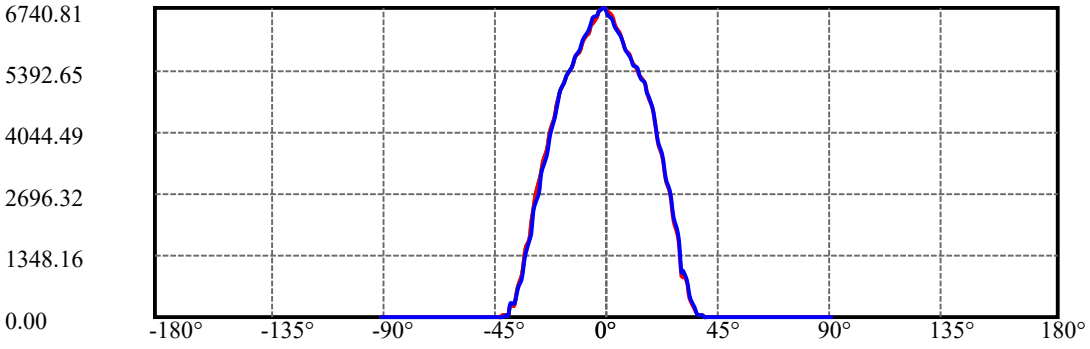
Zone	Lumens	%Lamp	%Fixt
0-30	3379.55	84.31%	90.80%
0-40	3705.23	92.44%	99.55%
0-60	3717.60	92.75%	99.88%
0-90	3722.06	92.86%	100.00%
0-120	3722.06	92.86%	100.00%
0-180	3722.11	92.86%	100.00%
60-90	4.46	0.11%	0.12%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.37	2977.69	74.29%	80.00%

ZONAL LUMEN SUMMARY

0-10	585.70
10-20	1440.29
20-30	1353.57
30-40	325.68
40-50	8.15
50-60	4.23
60-70	2.37
70-80	1.40
80-90	0.69
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

Light Distribution Curve [Unit:cd]





C180(Max):

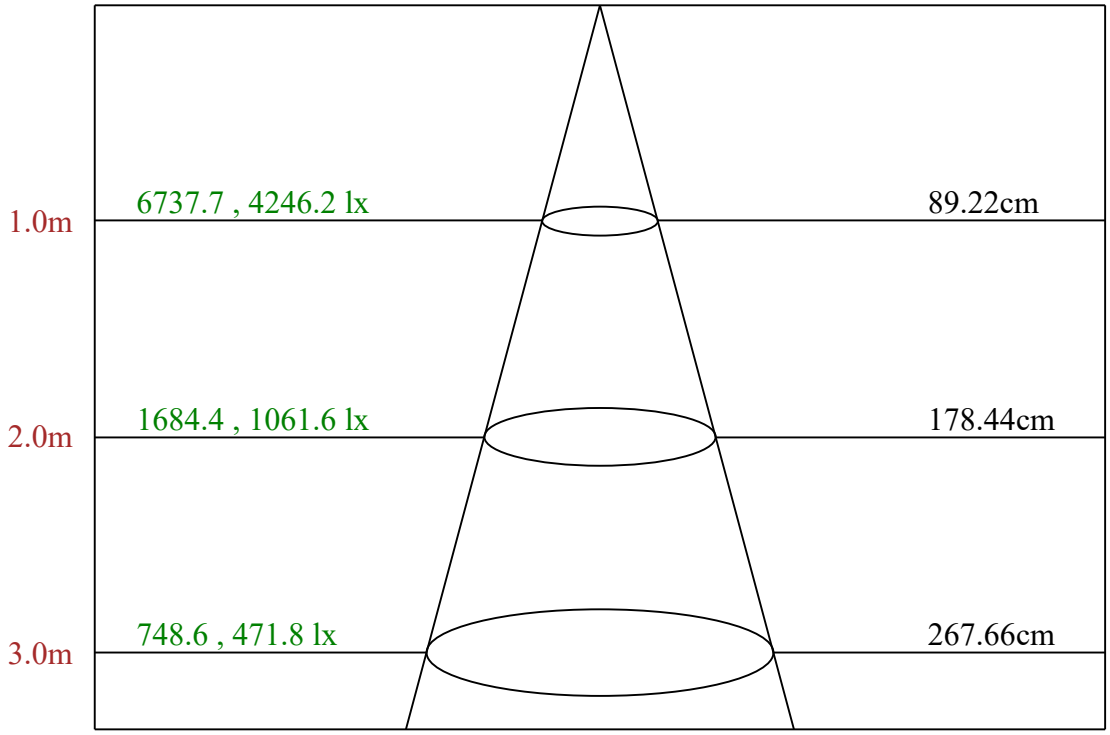
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:34.0 Right:33.3
:C90/270Left:33.8 Right:33.5

Beam Angle(50%Imax):C0/180Left:24.1 Right:23.6
:C90/270Left:23.6 Right:23.8

Lux distance Curve

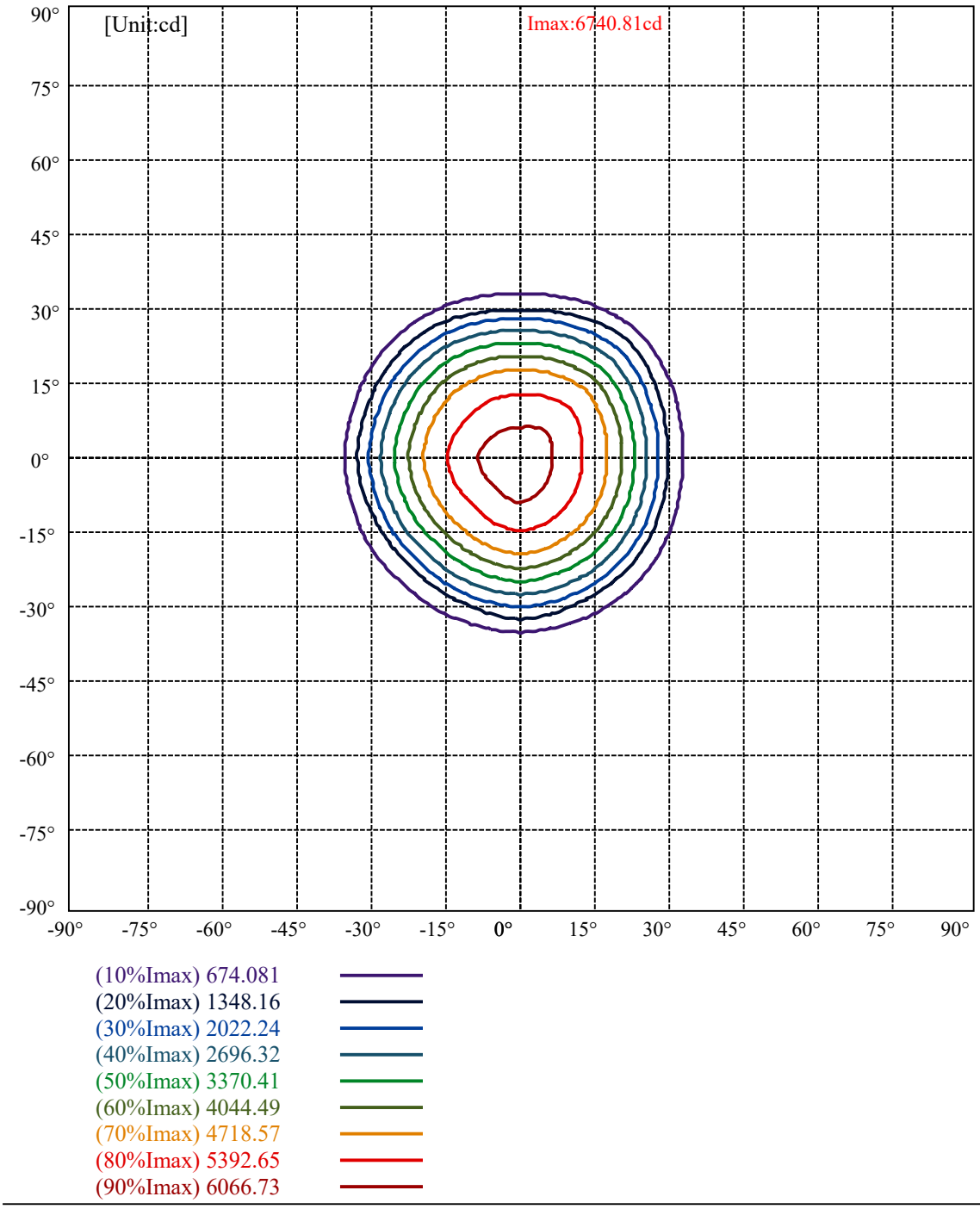


Max , Ave

Beam angle of C180 plane 48.08

Equipment: GMS 1800	Date: 2025/3/28	Operator: NT
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.30

ISO-Intensity(V-H)

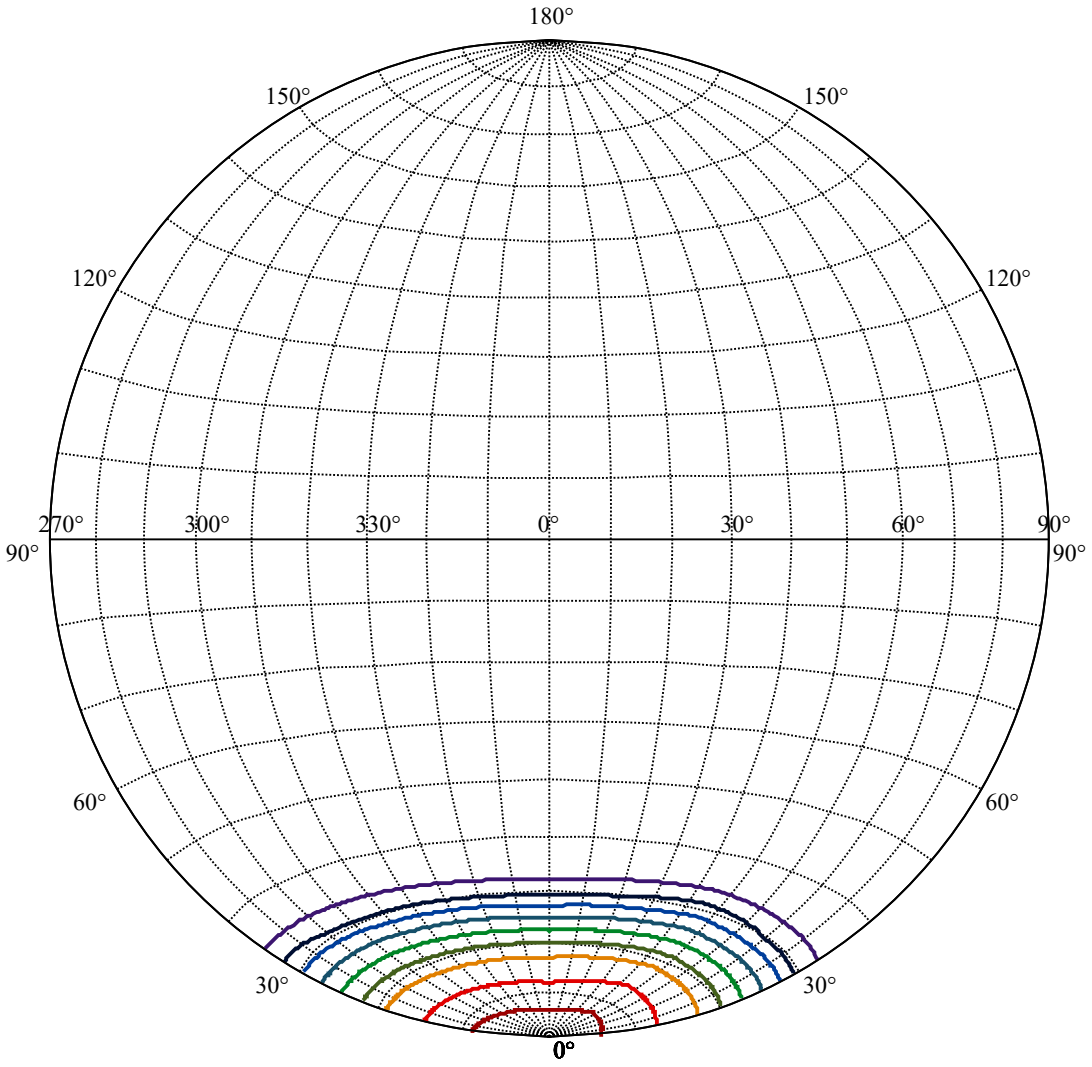


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/3/28
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

ISO candela diagram on circular web



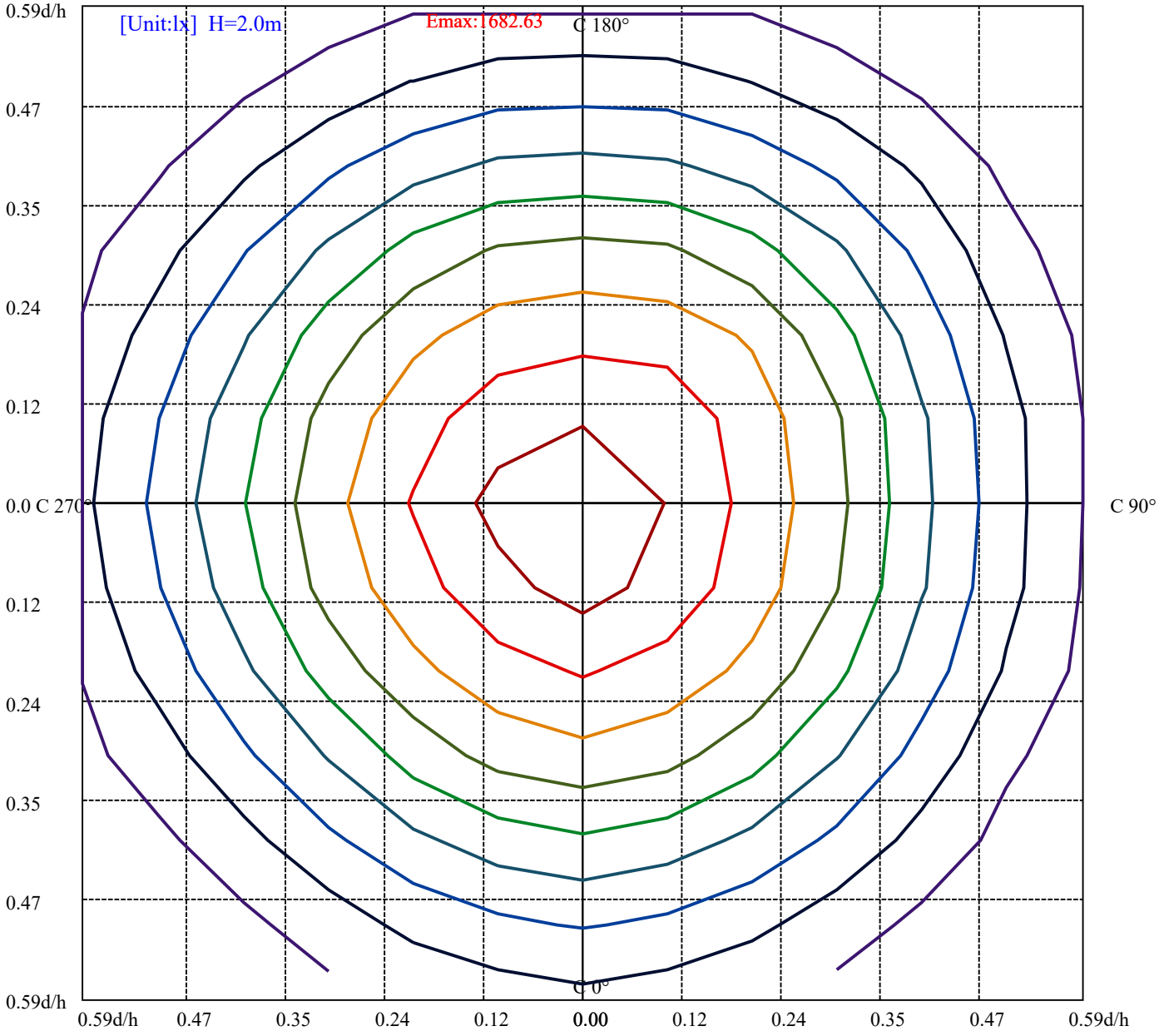
House [Unit:cd] Road

Imax:6740.81

(10%Imax) 674.119
(20%Imax) 1348.24
(30%Imax) 2022.36
(40%Imax) 2696.47
(50%Imax) 3370.59
(60%Imax) 4044.71
(70%Imax) 4718.83
(80%Imax) 5392.95
(90%Imax) 6067.07

NT NT 2-2942-L

ISO illuminance diagram

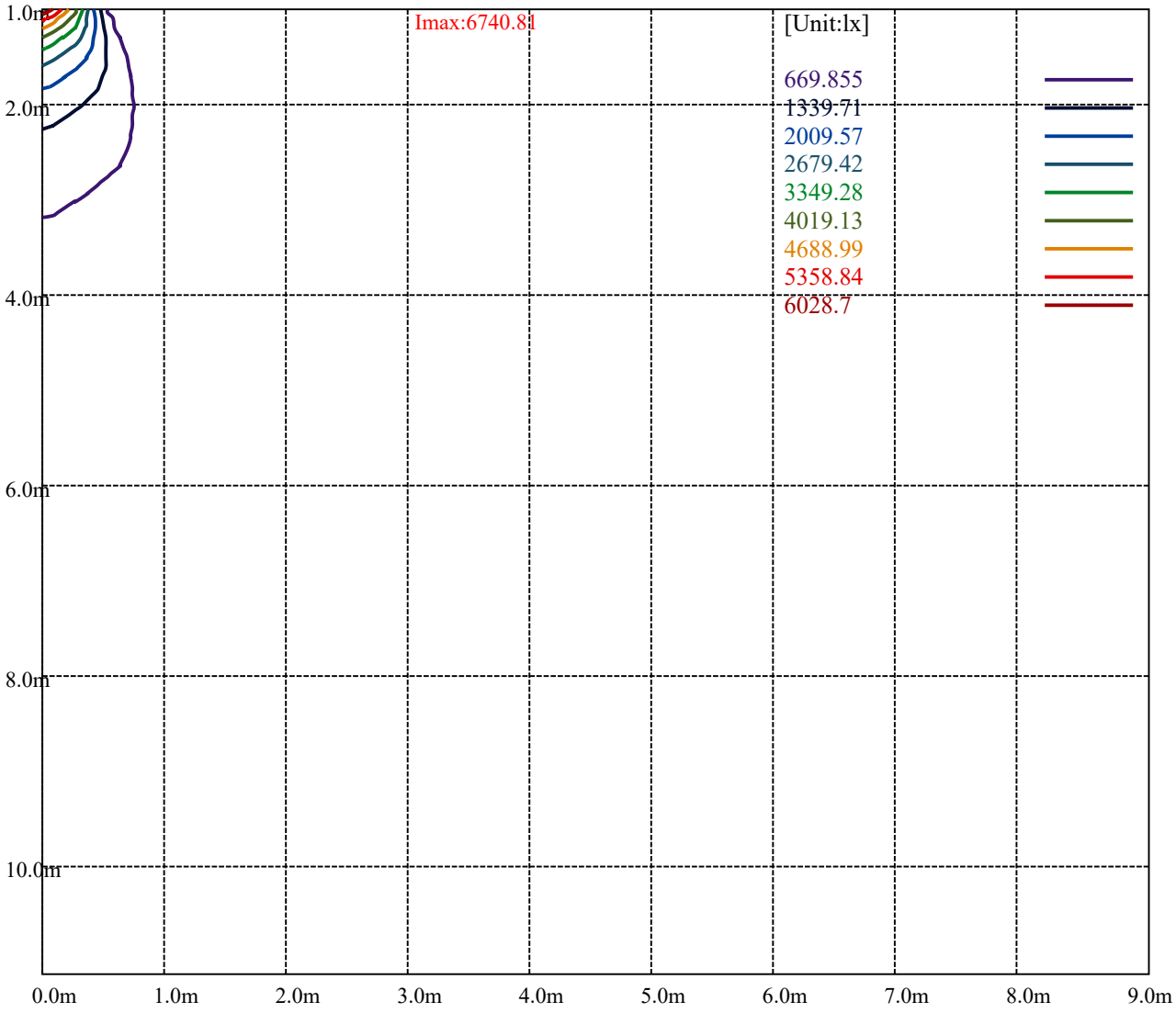


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/3/28
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

Space ISO Lux diagram



Equipment: GMS 1800 Date: 2025/3/28 Operator: NT
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.30

NT NT 2-2942-L

Luminance Limitting Curve(no luminous side)

Luminance Table

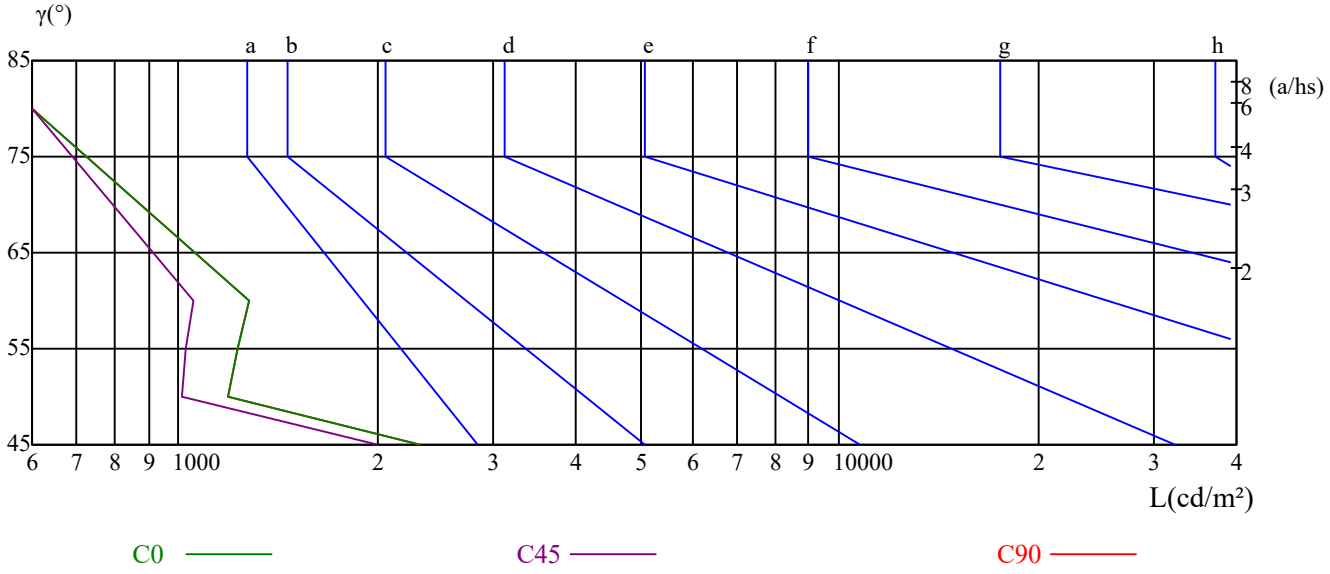
γ	45	50	55	60	65	70	75	80	85
C0	2323	1189	1228	1279	0	0	0	303	243
C45	2001	1009	1026	1051	0	0	0	228	178
C90	2323	1189	1228	1279	0	0	0	303	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1588	0	0	0	0	0	1001	0	501

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 Limitting Curve



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/3/28
Humidity(%): 60.0%

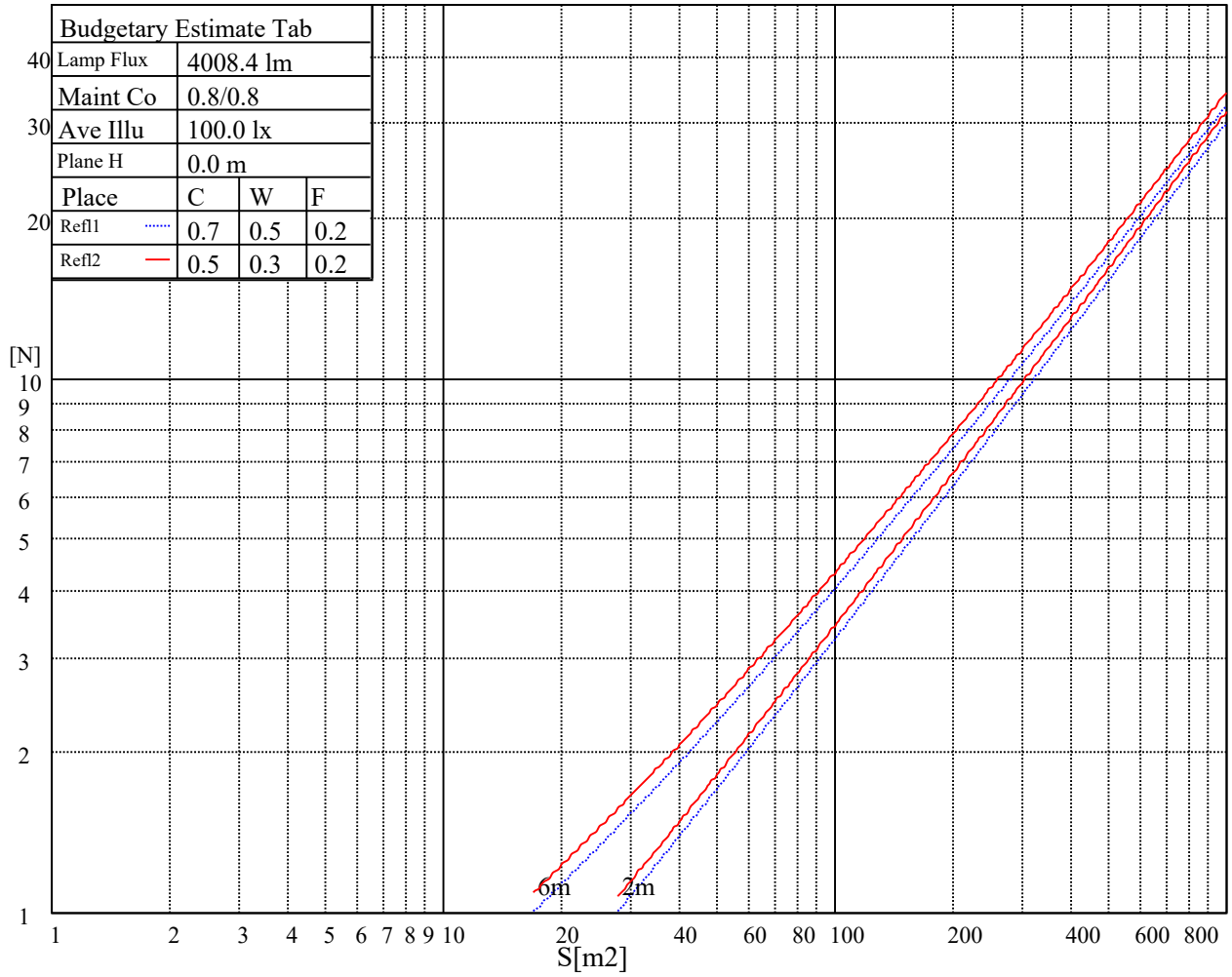
Operator: NT
Distance(m): 7.30

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	14.18	15.06	14.55	15.38	15.69	14.69	15.58	15.06	15.89	16.20
	3H	13.96	14.74	14.35	15.08	15.43	14.47	15.25	14.86	15.59	15.94
	4H	13.85	14.57	14.25	14.93	15.30	14.36	15.08	14.76	15.44	15.81
	6H	13.76	14.41	14.18	14.79	15.19	14.27	14.92	14.69	15.30	15.70
	8H	13.68	14.30	14.10	14.69	15.10	14.19	14.81	14.61	15.20	15.61
	12H	13.60	14.19	14.03	14.59	15.01	14.11	14.70	14.54	15.10	15.52
4H	2H	13.85	14.57	14.25	14.92	15.29	14.36	15.08	14.76	15.43	15.80
	3H	13.59	14.19	14.01	14.59	15.01	14.09	14.70	14.52	15.10	15.51
	4H	13.50	14.02	13.94	14.45	14.90	14.01	14.53	14.45	14.95	15.40
	6H	13.35	13.81	13.83	14.26	14.72	13.86	14.32	14.33	14.77	15.23
	8H	13.29	13.71	13.78	14.17	14.65	13.80	14.22	14.28	14.68	15.16
	12H	13.23	13.62	13.73	14.08	14.60	13.74	14.13	14.23	14.58	15.11
8H	4H	13.28	13.71	13.77	14.17	14.64	13.79	14.22	14.28	14.68	15.15
	6H	13.12	13.47	13.63	13.95	14.46	13.63	13.97	14.14	14.46	14.97
	8H	13.11	13.39	13.64	13.91	14.41	13.61	13.90	14.15	14.42	14.92
	12H	13.05	13.26	13.60	13.78	14.30	13.56	13.77	14.10	14.29	14.81
12H	4H	13.23	13.62	13.72	14.07	14.59	13.74	14.12	14.23	14.58	15.10
	6H	13.10	13.39	13.64	13.91	14.41	13.61	13.89	14.15	14.42	14.92
	8H	13.05	13.26	13.60	13.78	14.30	13.56	13.77	14.10	14.28	14.81

Variation with the observer position at spacings:		
S = 1.0H	6.9/-18.0	6.9/-17.4
S = 1.5H	9.7/-18.1	9.7/-17.4
S = 2.0H	11.7/-18.0	11.7/-17.4
Standard tables:	BK0	BK0
Uncorrected UGR	-4.5	-5.0

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25

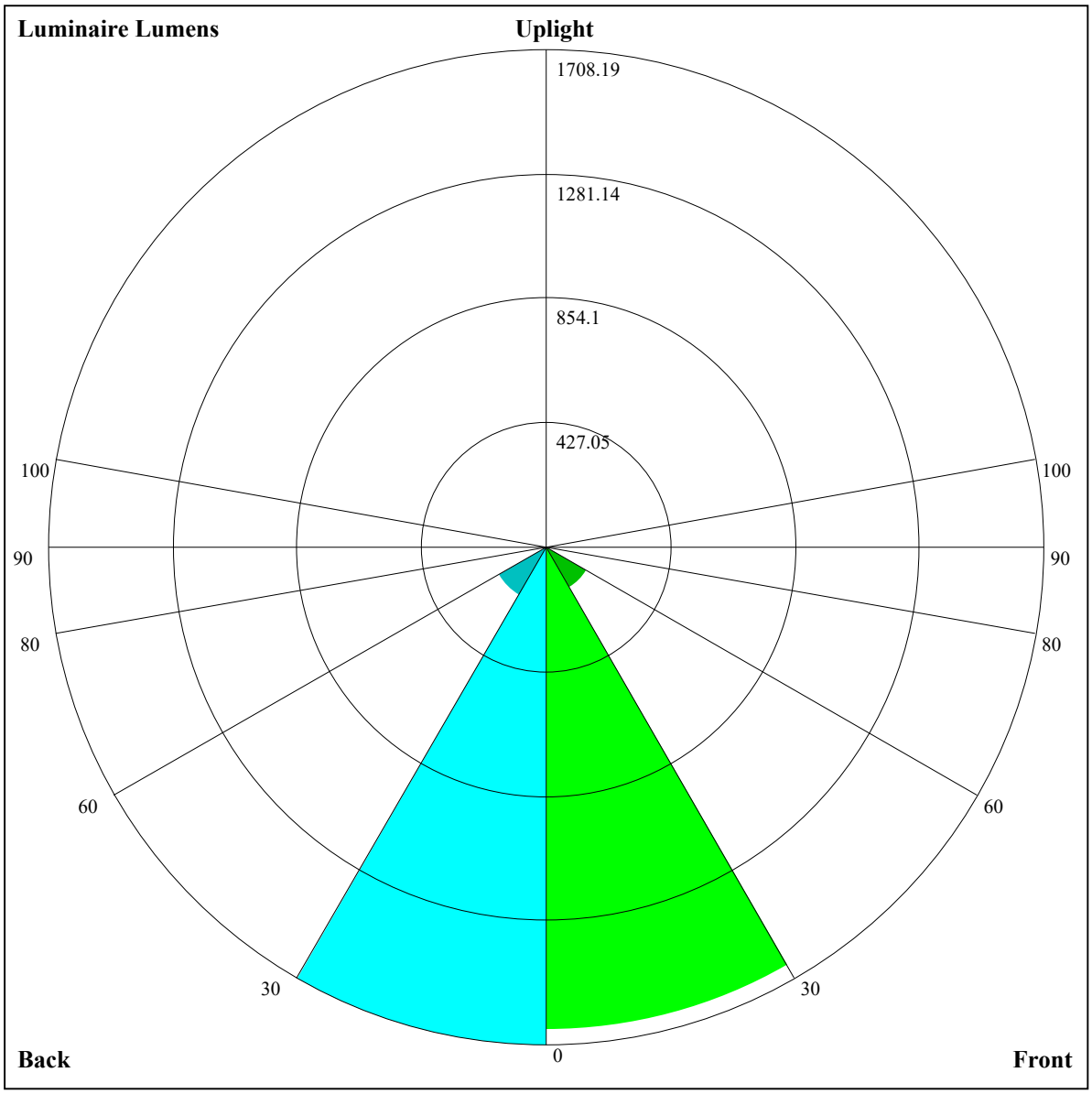
Budgetary Estimate Table



Equipment: GMS 1800 Date: 2025/3/28 Operator: NT
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.30

Utilization factor table for indoor luminaire

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	COEFFCIENTS 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	1.04	1.02	1.00	1.02	1.00	0.98	0.98	0.97	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.88
2	0.98	0.95	0.92	0.96	0.93	0.91	0.93	0.91	0.89	0.91	0.89	0.87	0.88	0.87	0.85	0.84
3	0.92	0.88	0.85	0.91	0.88	0.85	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.81	0.79
4	0.88	0.83	0.80	0.87	0.83	0.79	0.85	0.81	0.78	0.83	0.80	0.78	0.81	0.79	0.77	0.75
5	0.83	0.79	0.75	0.82	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.74	0.78	0.75	0.73	0.72
6	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.68
7	0.75	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.65
8	0.72	0.67	0.64	0.71	0.67	0.64	0.71	0.66	0.64	0.70	0.66	0.63	0.69	0.65	0.63	0.62
9	0.69	0.64	0.61	0.68	0.64	0.61	0.68	0.63	0.61	0.67	0.63	0.60	0.66	0.63	0.60	0.59
10	0.66	0.61	0.58	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.57



Luminaire Lumens:
FL=1658.66,FM=157.61,FH=1.84,FVH=0.36
BL=1708.19,BM=190.61,BH=1.92,BVH=0.37
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	6698.71	6636.36	6562.29	6454.11	6331.54	6199.92	6078.42	5957.98	5834.88
45.0	6730.69	6686.46	6623.57	6533.51	6439.19	6364.58	6257.47	6090.67	6031.52
90.0	6677.40	6591.07	6485.02	6370.98	6270.79	6158.35	6050.71	5936.13	5821.03
135.0	6713.63	6688.59	6610.78	6505.27	6378.97	6268.66	6158.35	6038.98	5929.74
180.0	6698.71	6740.81	6716.83	6642.76	6538.84	6424.27	6354.99	6204.71	6134.90
225.0	6730.69	6700.31	6631.57	6550.03	6461.04	6363.52	6251.61	6129.04	6019.80
270.0	6677.40	6722.69	6701.38	6658.21	6591.60	6526.59	6398.69	6279.85	6181.80
315.0	6713.63	6677.93	6636.36	6567.09	6467.97	6341.67	6221.77	6095.47	5982.50
360.0	6698.71	6636.36	6562.29	6454.11	6331.54	6199.92	6078.42	5957.98	5834.88

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5721.91	5606.27	5538.59	5395.24	5287.59	5219.38	5090.95	4927.89	4755.23
45.0	5915.35	5762.41	5698.99	5588.68	5494.36	5400.57	5289.19	5168.22	5020.08
90.0	5712.31	5604.14	5500.22	5452.79	5317.97	5207.66	5128.26	4906.04	4798.39
135.0	5817.83	5703.26	5598.27	5523.67	5404.83	5260.42	5198.07	5078.16	4941.74
180.0	6011.27	5905.76	5791.72	5678.74	5558.84	5445.86	5336.62	5218.32	5089.35
225.0	5913.22	5790.12	5660.62	5538.59	5419.75	5319.57	5201.80	5041.93	4914.56
270.0	6068.83	5940.93	5807.17	5697.39	5573.76	5457.59	5332.36	5214.59	5092.02
315.0	5856.73	5786.39	5669.68	5539.66	5417.09	5298.78	5179.41	5050.99	4882.59
360.0	5721.91	5606.27	5538.59	5395.24	5287.59	5219.38	5090.95	4927.89	4755.23

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	4543.13	4301.20	4041.67	3780.55	3518.90	3253.51	2974.81	2702.50	2413.66
45.0	4837.83	4630.00	4379.00	4110.42	3838.64	3575.92	3302.01	3030.76	2765.91
90.0	4582.57	4337.97	4074.71	3815.19	3554.60	3299.34	3032.36	2772.31	2491.47
135.0	4786.13	4588.96	4360.35	4114.15	3864.22	3613.75	3364.89	3111.23	2857.57
180.0	4942.81	4786.13	4591.63	4359.28	4116.81	3873.81	3632.94	3398.46	3152.80
225.0	4732.31	4519.68	4272.95	4024.09	3761.37	3506.11	3254.05	2996.66	2736.07
270.0	4935.88	4750.43	4532.47	4295.33	4039.54	3788.55	3528.49	3269.50	3113.89
315.0	4692.34	4488.78	4249.50	3996.38	3740.58	3484.26	3231.13	2965.22	2706.23
360.0	4543.13	4301.20	4041.67	3780.55	3518.90	3253.51	2974.81	2702.50	2413.66

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	2105.11	1802.96	1505.60	908.27	908.27	757.46	454.03	343.67	185.45
45.0	2600.71	2173.86	1989.48	1687.85	1399.02	1118.18	852.80	609.80	404.10
90.0	2192.51	1880.76	1572.21	1010.33	1010.33	799.94	564.34	364.02	199.14
135.0	2602.84	2306.02	1995.87	1685.19	1441.12	1091.01	875.18	632.18	385.98
180.0	2956.69	2650.27	2356.64	2107.25	1732.62	1492.81	1195.45	917.81	666.28
225.0	2463.76	2160.00	1854.65	1561.56	916.27	916.27	762.10	621.25	413.90
270.0	2737.67	2467.49	2284.17	1852.52	1673.47	1388.36	1114.99	854.93	614.59
315.0	2429.12	2126.43	1824.81	1532.78	924.90	924.90	775.53	549.05	353.63
360.0	2105.11	1802.96	1505.60	908.27	908.27	757.46	454.03	343.67	185.45

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	80.57	42.85	30.27	20.04	14.97	12.95	11.56	10.60	9.70
45.0	265.01	265.01	44.18	30.91	20.52	14.23	12.15	10.82	10.23
90.0	88.51	46.36	31.76	20.68	14.65	12.31	10.98	9.97	9.11
135.0	315.64	315.64	54.68	37.14	24.62	17.16	14.28	12.52	11.30
180.0	449.93	269.27	269.27	58.89	38.53	25.63	17.11	14.12	13.00
225.0	240.60	111.75	49.61	32.51	21.64	13.75	11.62	10.23	9.27
270.0	407.30	300.72	300.72	46.90	29.58	20.14	13.48	11.40	10.18
315.0	191.68	81.75	40.50	28.51	19.08	14.60	12.58	11.19	10.28
360.0	80.57	42.85	30.27	20.04	14.97	12.95	11.56	10.60	9.70

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	9.01	8.42	7.73	7.19	6.71	6.18	5.76	5.54	5.12
45.0	9.38	8.69	8.05	7.46	6.98	6.50	6.02	5.60	5.22
90.0	8.37	7.78	7.30	6.77	6.23	5.86	5.54	5.01	4.85
135.0	10.34	9.43	8.74	8.37	7.57	7.25	6.77	6.18	5.76
180.0	11.03	10.13	9.65	8.90	8.21	7.57	7.03	6.55	6.08
225.0	8.63	8.05	7.46	6.98	6.55	6.13	5.65	5.22	4.96
270.0	9.33	8.79	8.15	7.51	7.14	6.71	6.23	5.76	5.38
315.0	9.49	9.01	8.10	7.78	7.14	6.66	6.23	5.76	5.33
360.0	9.01	8.42	7.73	7.19	6.71	6.18	5.76	5.54	5.12

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	4.64	4.48	4.16	3.84	3.62	3.36	3.14	2.88	2.72
45.0	4.90	4.53	4.26	4.00	3.68	3.41	3.20	3.04	2.82
90.0	4.53	4.16	3.94	3.68	3.41	3.20	2.93	2.77	2.56
135.0	5.38	5.06	4.69	4.32	4.05	3.84	3.52	3.30	3.09
180.0	5.65	5.28	4.90	4.53	4.26	3.94	3.73	3.41	3.20
225.0	4.64	4.37	4.05	3.78	3.62	3.30	3.09	2.93	2.72
270.0	5.12	4.74	4.37	4.10	3.89	3.57	3.36	3.14	2.98
315.0	5.01	4.69	4.32	4.00	3.78	3.52	3.25	2.98	2.82
360.0	4.64	4.48	4.16	3.84	3.62	3.36	3.14	2.88	2.72

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	2.56	2.34	2.24	2.08	1.97	1.81	1.76	1.65	1.60
45.0	2.61	2.45	2.34	2.18	2.08	1.97	1.81	1.76	1.65
90.0	2.40	2.29	2.13	1.97	1.92	1.81	1.65	1.60	1.49
135.0	2.88	2.72	2.50	2.34	2.18	2.08	1.92	1.81	1.71
180.0	3.04	2.82	2.66	2.45	2.34	2.24	2.08	1.97	1.87
225.0	2.50	2.34	2.24	2.13	1.92	1.87	1.76	1.65	1.55
270.0	2.72	2.56	2.40	2.29	2.13	2.08	1.87	1.81	1.71
315.0	2.66	2.45	2.29	2.18	2.03	1.87	1.76	1.71	1.60
360.0	2.56	2.34	2.24	2.08	1.97	1.81	1.76	1.65	1.60

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	1.44	1.39	1.33	1.23	1.17	1.07	1.12	1.01	0.96
45.0	1.55	1.44	1.39	1.33	1.23	1.17	1.12	1.07	0.96
90.0	1.44	1.33	1.33	1.17	1.12	1.12	1.01	0.96	0.96
135.0	1.65	1.60	1.44	1.33	1.33	1.23	1.12	1.07	1.07
180.0	1.76	1.65	1.55	1.49	1.44	1.28	1.23	1.17	1.07
225.0	1.44	1.44	1.33	1.28	1.17	1.07	1.01	1.01	0.91
270.0	1.71	1.49	1.44	1.39	1.28	1.17	1.12	1.07	1.01
315.0	1.49	1.39	1.28	1.23	1.12	1.07	1.01	0.96	0.91
360.0	1.44	1.39	1.33	1.23	1.17	1.07	1.12	1.01	0.96

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.85	0.80	0.75	0.69	0.69	0.59	0.59	0.59	0.59
45.0	0.96	0.91	0.85	0.75	0.69	0.64	0.59	0.53	0.48
90.0	0.80	0.80	0.75	0.69	0.64	0.59	0.48	0.43	0.43
135.0	0.96	0.85	0.85	0.75	0.69	0.64	0.59	0.48	0.43
180.0	1.01	0.96	0.91	0.85	0.75	0.69	0.64	0.53	0.48
225.0	0.85	0.75	0.75	0.69	0.69	0.59	0.53	0.43	0.43
270.0	0.91	0.91	0.80	0.75	0.64	0.59	0.59	0.48	0.43
315.0	0.80	0.80	0.69	0.69	0.64	0.53	0.48	0.37	0.37
360.0	0.85	0.80	0.75	0.69	0.69	0.59	0.59	0.59	0.59

Intensity data(cd)

C/γ(°)	90.0
0.0	0.59
45.0	0.48
90.0	0.37
135.0	0.48
180.0	0.43
225.0	0.37
270.0	0.37
315.0	0.37
360.0	0.59