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

NT

Client: NT
LumCAT: 3-2954-LM
Luminaire: 92.70.411.00
Report No: 20250413-B007
Ballast type: AC
Test No: 20250413-C007
LampCAT: LUMILEDS LUXEON 1208
Lamp flux(lm): 3821.3
Number of Lamps: 1
Length(mm): 85
Phm Type: C

Voltage(V): 35.250
Current(A): 0.892
Power (W): 31.440
PF: 0.000
Width(mm): 85
Height(mm): 50

Photometric Results

Lumens(lm): 3709.85, Efficiency(%): 97.08% , Luminous Efficacy(lm/W): 118.00
Central intensity(cd): 11916.340, Maximum intensity(cd): 12236.080
Angle of maximum intensity: C=225.0 γ=2.0
Beam Angle(50%Imax): [C0/180]Total=26.6
[C90/270]Total=27.6
Field angle(10%Imax): [C0/180]Total=61.3
[C90/270]Total=62.6
Maximum s/h(1/2): C0_180=0.54 C90_270=0.41
Maximum s/h(1/4): C0_180=0.50 C90_270=0.43
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 97.04%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.816%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	12037.572	0.000	0	0.00%	0.00%
1.0	12006.264	11.505	11.505	0.30%	0.31%
2.0	11913.672	34.332	45.837	0.90%	1.24%
3.0	11652.218	56.362	102.199	1.47%	2.75%
4.0	11424.603	77.245	179.444	2.02%	4.84%
5.0	11166.946	97.188	276.632	2.54%	7.46%
6.0	10814.100	115.516	392.148	3.02%	10.57%
7.0	10257.885	130.793	522.941	3.42%	14.10%
8.0	9827.102	143.744	666.686	3.76%	17.97%
9.0	9154.316	153.834	820.52	4.03%	22.12%
10.0	8541.614	160.142	980.662	4.19%	26.43%
11.0	7855.439	163.840	1144.502	4.29%	30.85%
12.0	7105.182	163.541	1308.043	4.28%	35.26%
13.0	6442.921	160.782	1468.825	4.21%	39.59%
14.0	5772.733	156.359	1625.184	4.09%	43.81%
15.0	5102.677	149.302	1774.486	3.91%	47.83%
16.0	4543.066	141.337	1915.824	3.70%	51.64%
17.0	3987.251	132.840	2048.664	3.48%	55.22%
18.0	3557.534	124.397	2173.061	3.26%	58.58%
19.0	3184.304	117.294	2290.355	3.07%	61.74%
20.0	2778.034	109.127	2399.482	2.86%	64.68%
21.0	2479.677	100.959	2500.441	2.64%	67.40%
22.0	2258.457	95.215	2595.656	2.49%	69.97%
23.0	2135.690	92.201	2687.857	2.41%	72.45%
24.0	1915.402	88.571	2776.428	2.32%	74.84%
25.0	1758.863	83.545	2859.973	2.19%	77.09%
26.0	1639.827	80.226	2940.199	2.10%	79.25%
27.0	1553.697	78.130	3018.33	2.04%	81.36%
28.0	1473.162	76.634	3094.963	2.01%	83.43%
29.0	1375.009	74.516	3169.48	1.95%	85.43%
30.0	1288.192	71.906	3241.385	1.88%	87.37%
31.0	1194.802	69.098	3310.484	1.81%	89.23%
32.0	1076.684	65.075	3375.559	1.70%	90.99%
33.0	978.644	60.551	3436.11	1.58%	92.62%
34.0	833.156	54.830	3490.94	1.43%	94.10%
35.0	686.495	47.195	3538.135	1.24%	95.37%
36.0	548.507	39.323	3577.458	1.03%	96.43%
37.0	417.214	31.496	3608.954	0.82%	97.28%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	307.823	24.201	3633.155	0.63%	97.93%
39.0	203.861	17.465	3650.62	0.46%	98.40%
40.0	150.677	12.365	3662.985	0.32%	98.74%
41.0	111.036	9.320	3672.304	0.24%	98.99%
42.0	45.356	5.682	3677.987	0.15%	99.14%
43.0	34.565	2.961	3680.947	0.08%	99.22%
44.0	28.996	2.399	3683.346	0.06%	99.29%
45.0	24.700	2.064	3685.41	0.05%	99.34%
46.0	21.229	1.796	3687.206	0.05%	99.39%
47.0	18.798	1.592	3688.798	0.04%	99.43%
48.0	16.713	1.436	3690.233	0.04%	99.47%
49.0	15.094	1.306	3691.54	0.03%	99.51%
50.0	13.862	1.207	3692.747	0.03%	99.54%
51.0	12.683	1.123	3693.87	0.03%	99.57%
52.0	11.750	1.048	3694.918	0.03%	99.60%
53.0	10.898	0.985	3695.904	0.03%	99.62%
54.0	10.158	0.928	3696.832	0.02%	99.65%
55.0	9.559	0.880	3697.712	0.02%	99.67%
56.0	8.933	0.836	3698.547	0.02%	99.70%
57.0	8.460	0.795	3699.343	0.02%	99.72%
58.0	8.033	0.763	3700.105	0.02%	99.74%
59.0	7.581	0.730	3700.835	0.02%	99.76%
60.0	7.194	0.698	3701.533	0.02%	99.78%
61.0	6.828	0.669	3702.202	0.02%	99.79%
62.0	6.368	0.636	3702.838	0.02%	99.81%
63.0	5.915	0.597	3703.436	0.02%	99.83%
64.0	5.489	0.560	3703.995	0.01%	99.84%
65.0	4.963	0.517	3704.513	0.01%	99.86%
66.0	4.576	0.476	3704.988	0.01%	99.87%
67.0	4.223	0.442	3705.431	0.01%	99.88%
68.0	3.877	0.410	3705.841	0.01%	99.89%
69.0	3.550	0.379	3706.22	0.01%	99.90%
70.0	3.231	0.348	3706.568	0.01%	99.91%
71.0	2.958	0.320	3706.888	0.01%	99.92%
72.0	2.651	0.292	3707.18	0.01%	99.93%
73.0	2.398	0.264	3707.444	0.01%	99.94%
74.0	2.158	0.240	3707.683	0.01%	99.94%
75.0	1.965	0.218	3707.901	0.01%	99.95%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	1.779	0.199	3708.1	0.01%	99.95%
77.0	1.625	0.181	3708.282	0.00%	99.96%
78.0	1.525	0.169	3708.45	0.00%	99.96%
79.0	1.439	0.159	3708.609	0.00%	99.97%
80.0	1.359	0.151	3708.76	0.00%	99.97%
81.0	1.292	0.143	3708.904	0.00%	99.97%
82.0	1.212	0.136	3709.04	0.00%	99.98%
83.0	1.132	0.127	3709.167	0.00%	99.98%
84.0	1.079	0.120	3709.287	0.00%	99.98%
85.0	0.993	0.113	3709.401	0.00%	99.99%
86.0	0.926	0.105	3709.505	0.00%	99.99%
87.0	0.853	0.097	3709.603	0.00%	99.99%
88.0	0.793	0.090	3709.693	0.00%	100.00%
89.0	0.726	0.083	3709.776	0.00%	100.00%
90.0	0.666	0.076	3709.852	0.00%	100.00%

Zonal flux distribution table

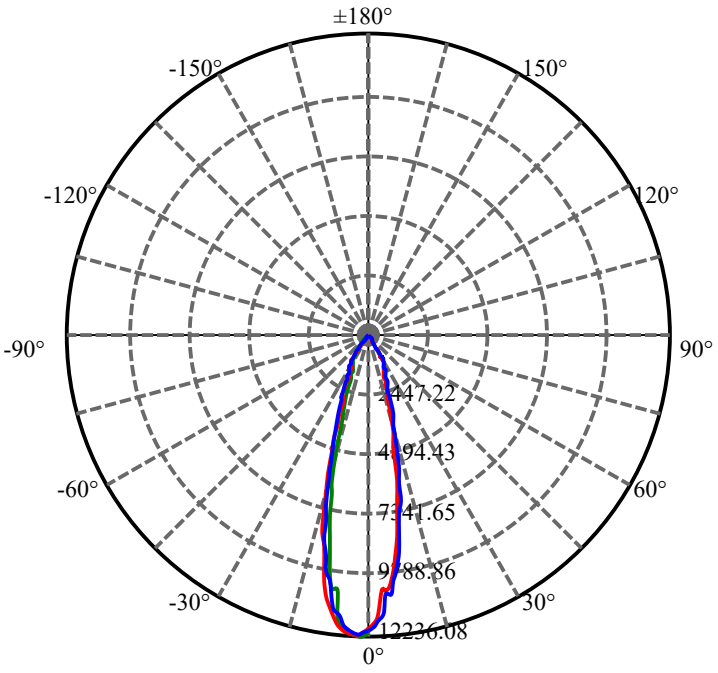
ZONAL LUMEN SUMMARY

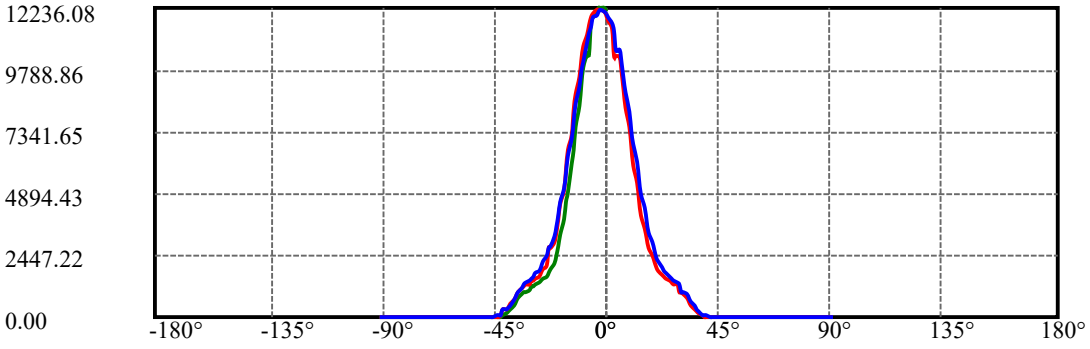
Zone	Lumens	%Lamp	%Fixt
0-30	3241.39	84.82%	87.37%
0-40	3662.98	95.86%	98.74%
0-60	3701.53	96.87%	99.78%
0-90	3709.78	97.08%	100.00%
0-120	3709.78	97.08%	100.00%
0-180	3709.85	97.08%	100.00%
60-90	8.24	0.22%	0.22%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.35	2967.88	77.67%	80.00%

ZONAL LUMEN SUMMARY

0-10	980.66
10-20	1418.82
20-30	841.90
30-40	421.60
40-50	29.76
50-60	8.79
60-70	5.04
70-80	2.19
80-90	1.02
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]





C225(Max):

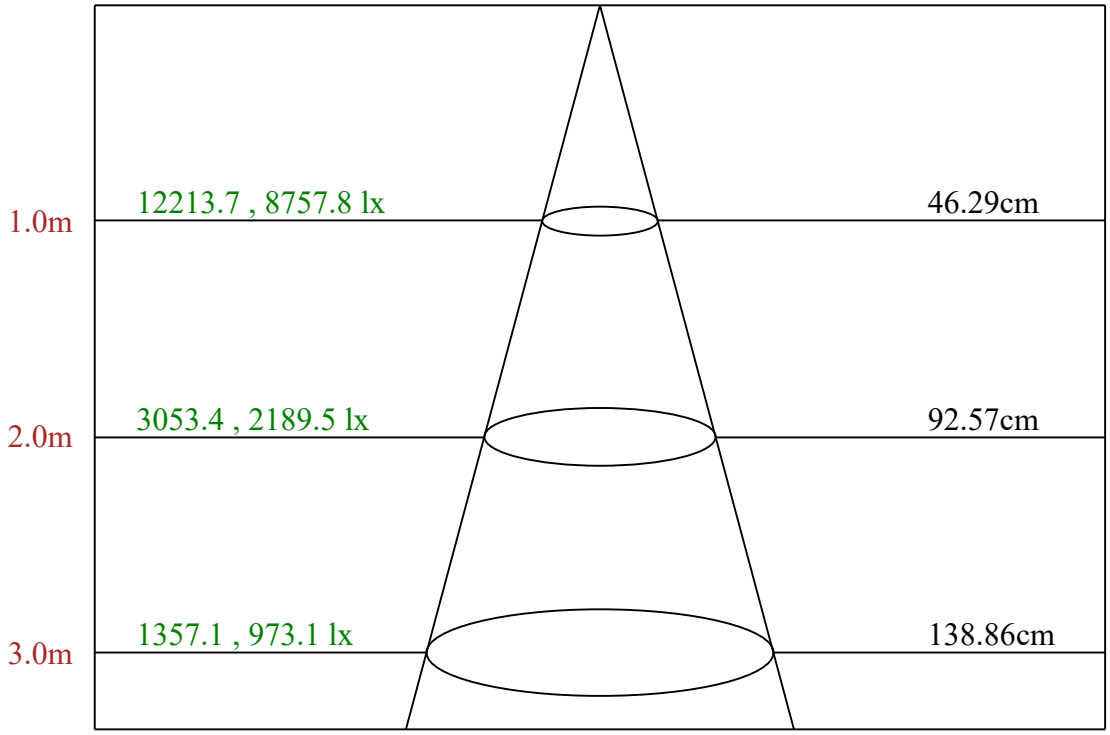
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:30.1 Right:31.2
:C90/270Left:31.3 Right:31.3

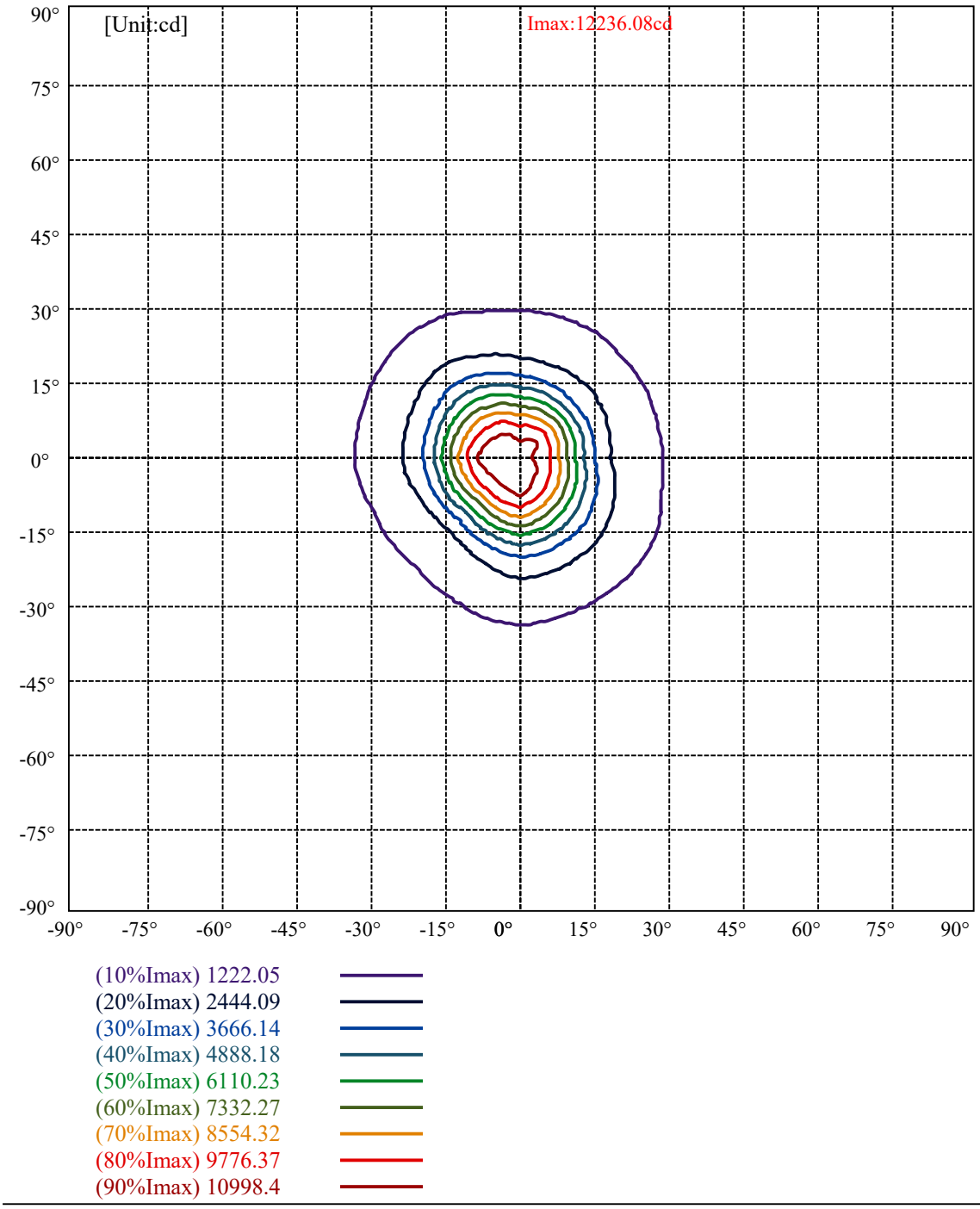
Beam Angle(50%Imax):C0/180Left:12.7 Right:13.9
:C90/270Left:13.5 Right:14.1

Lux distance Curve



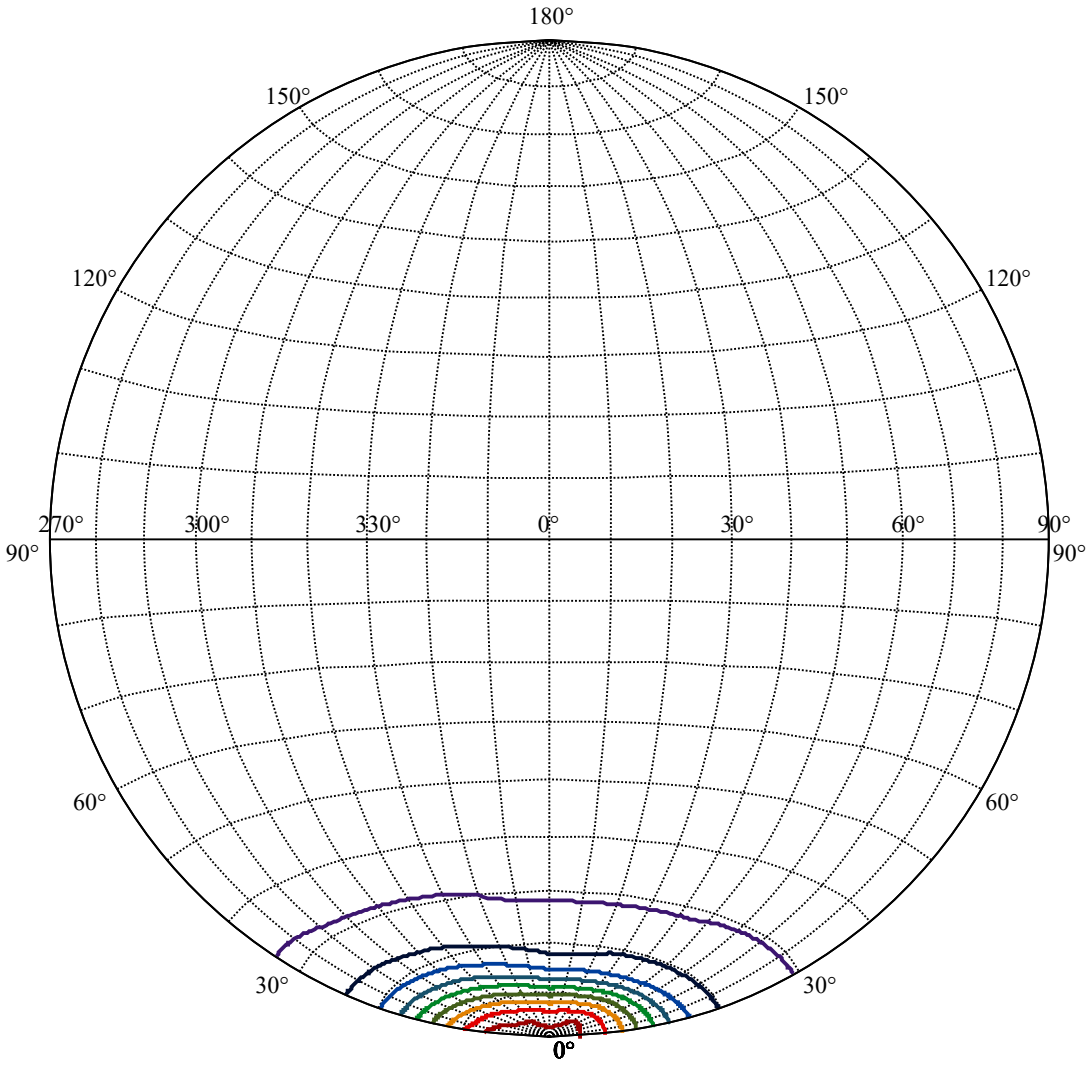
Max , Ave

Beam angle of C225 plane 26.06



Equipment: GMS 1800
Temperature(°C): 25.0
Date: 2025/5/22
Humidity(%): 60.0%
Operator: NT
Distance(m): 7.30

ISO candela diagram on circular web



[Unit:cd]

Imax:12236.08

(10%Imax) 1223.54
(20%Imax) 2447.08
(30%Imax) 3670.62
(40%Imax) 4894.15
(50%Imax) 6117.69
(60%Imax) 7341.23
(70%Imax) 8564.77
(80%Imax) 9788.31
(90%Imax) 11011.8

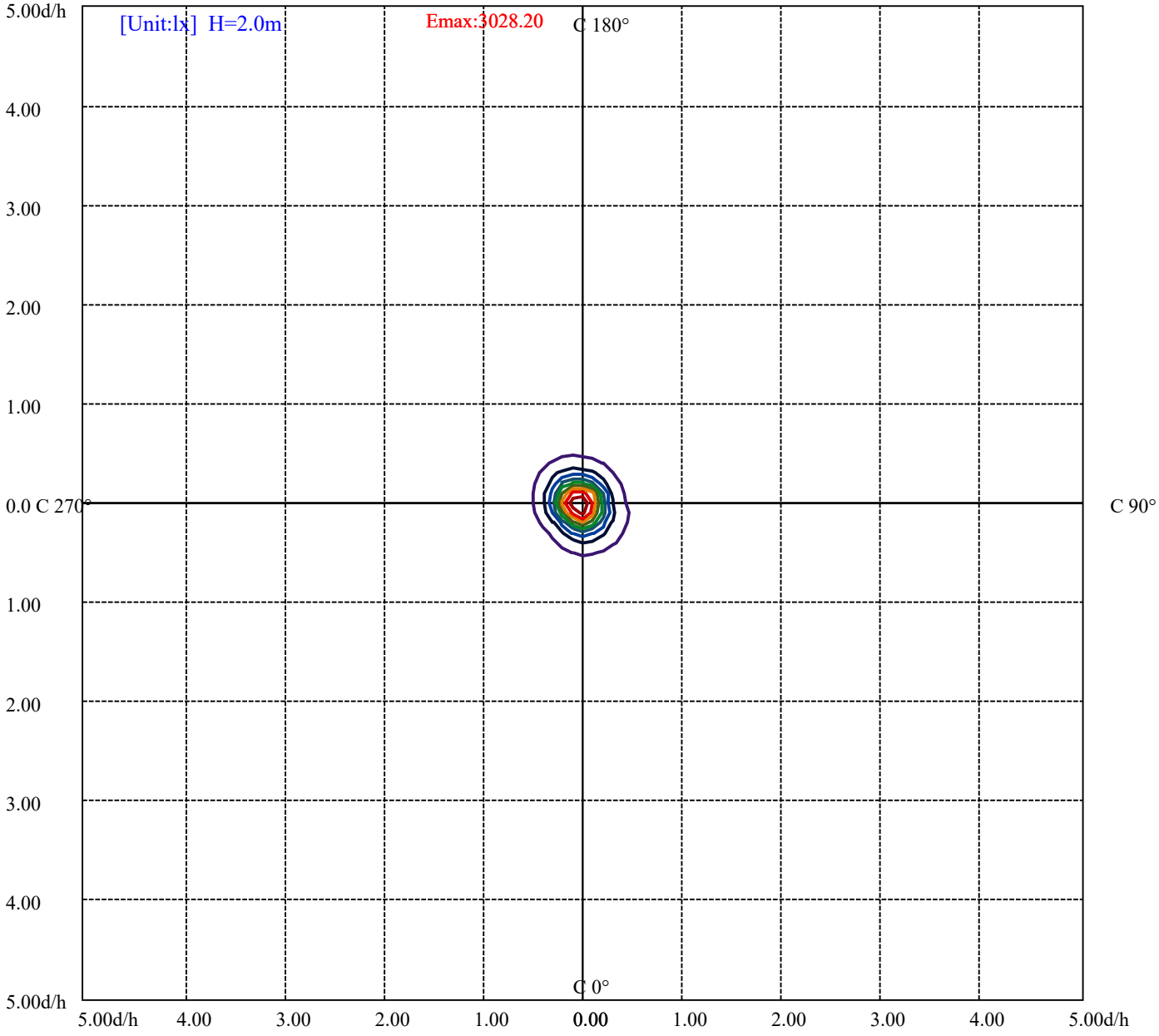
Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/5/22
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

NT NT 3-2954-LM

ISO illuminance diagram

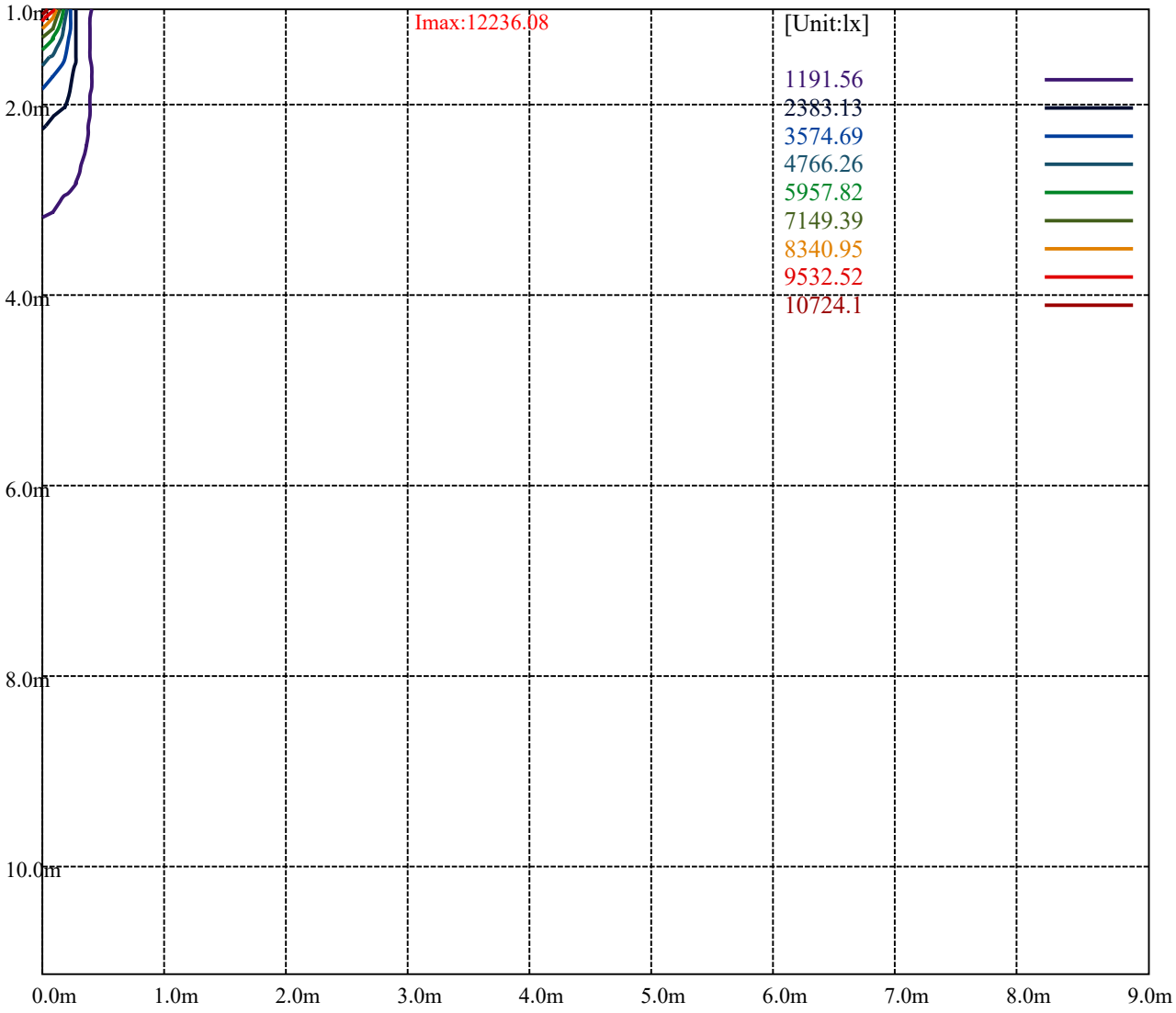


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/5/22
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/5/22
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

NT NT 3-2954-LM

Luminance Limitting Curve(no luminous side)

Luminance Table

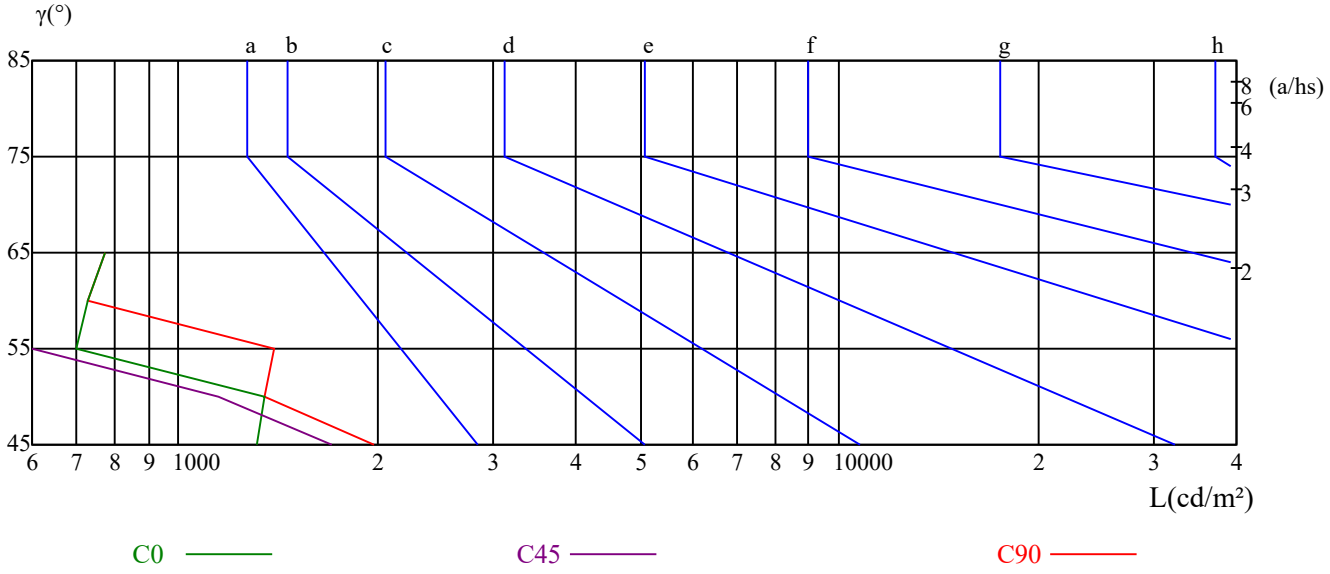
γ	45	50	55	60	65	70	75	80	85
C0	1314	1349	699	731	772	0	0	0	0
C45	1708	1152	588	604	627	0	0	0	0
C90	1970	1349	1398	731	772	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1745	1745	1745	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 Limitting Curve



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/5/22
Humidity(%): 60.0%

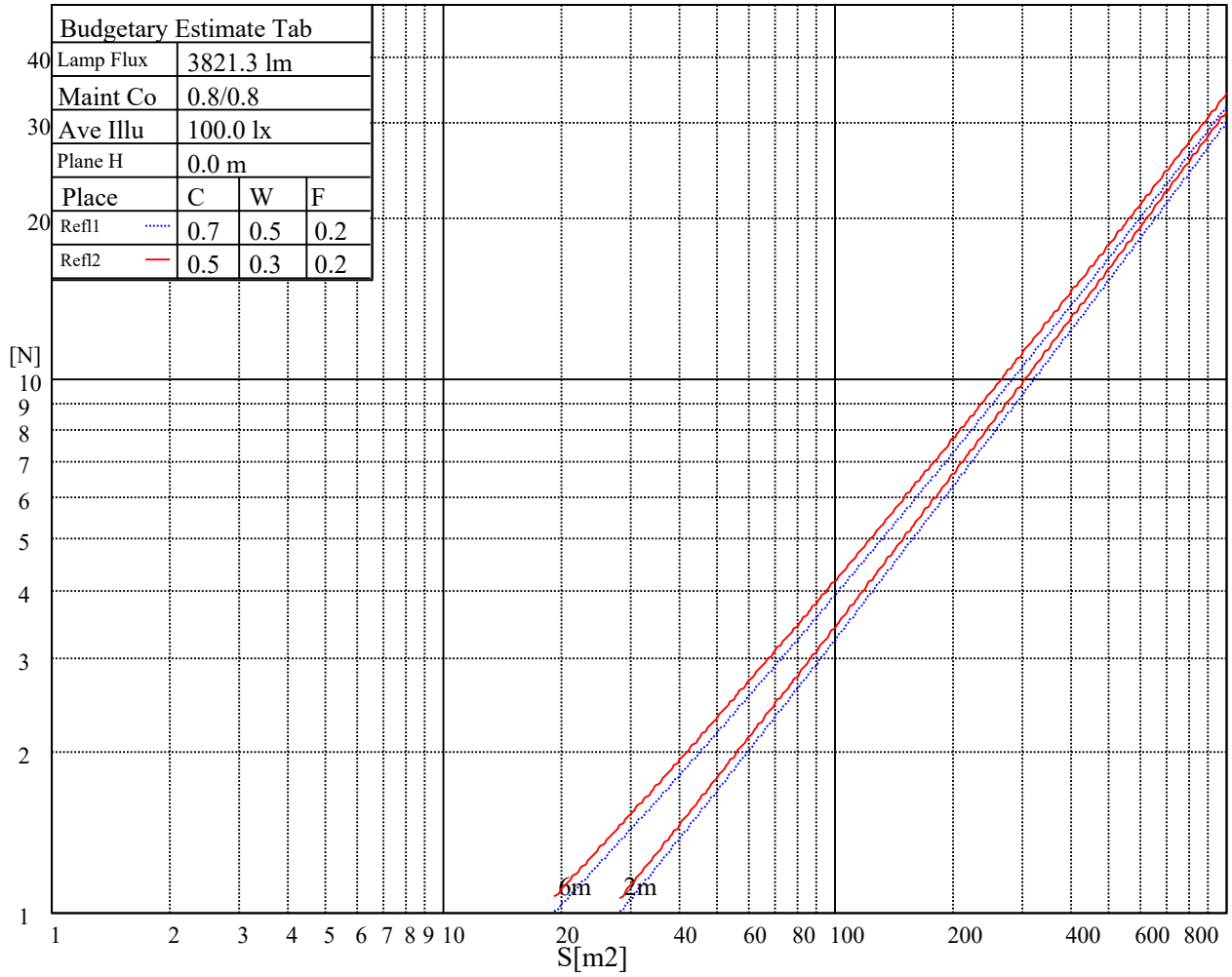
Operator: NT
Distance(m): 7.30

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	12.81	13.71	13.18	14.02	14.33	13.72	14.61	14.08	14.92	15.24
	3H	12.60	13.39	12.99	13.73	14.07	13.50	14.30	13.89	14.63	14.98
	4H	12.49	13.22	12.89	13.57	13.94	13.40	14.13	13.80	14.48	14.85
	6H	12.39	13.06	12.81	13.44	13.84	13.30	13.97	13.72	14.35	14.75
	8H	12.32	12.95	12.74	13.34	13.75	13.22	13.86	13.65	14.24	14.65
	12H	12.24	12.84	12.67	13.24	13.66	13.15	13.75	13.58	14.14	14.56
4H	2H	12.48	13.22	12.89	13.57	13.94	13.39	14.12	13.79	14.48	14.84
	3H	12.23	12.84	12.66	13.24	13.66	13.13	13.75	13.56	14.14	14.56
	4H	12.14	12.67	12.58	13.10	13.55	13.05	13.58	13.49	14.00	14.45
	6H	12.00	12.46	12.47	12.91	13.37	12.90	13.37	13.38	13.82	14.27
	8H	11.93	12.36	12.42	12.82	13.30	12.84	13.27	13.33	13.73	14.20
	12H	11.88	12.27	12.37	12.73	13.25	12.79	13.18	13.28	13.63	14.16
8H	4H	11.93	12.36	12.42	12.82	13.30	12.84	13.26	13.32	13.72	14.20
	6H	11.77	12.12	12.28	12.60	13.12	12.68	13.02	13.18	13.50	14.02
	8H	11.76	12.04	12.29	12.57	13.07	12.66	12.95	13.20	13.47	13.97
	12H	11.70	11.91	12.25	12.43	12.96	12.60	12.82	13.15	13.34	13.86
12H	4H	11.88	12.27	12.37	12.72	13.25	12.78	13.17	13.27	13.63	14.15
	6H	11.75	12.04	12.29	12.57	13.06	12.66	12.94	13.19	13.47	13.97
	8H	11.70	11.91	12.25	12.43	12.96	12.60	12.82	13.15	13.34	13.86

Variation with the observer position at spacings:		
S = 1.0H	6.7/-15.4	6.6/-15.7
S = 1.5H	9.5/-15.7	9.4/-16.1
S = 2.0H	11.5/-16.0	11.4/-16.1
Standard tables:	BK0	BK0
Uncorrected UGR	-5.5	-6.4

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

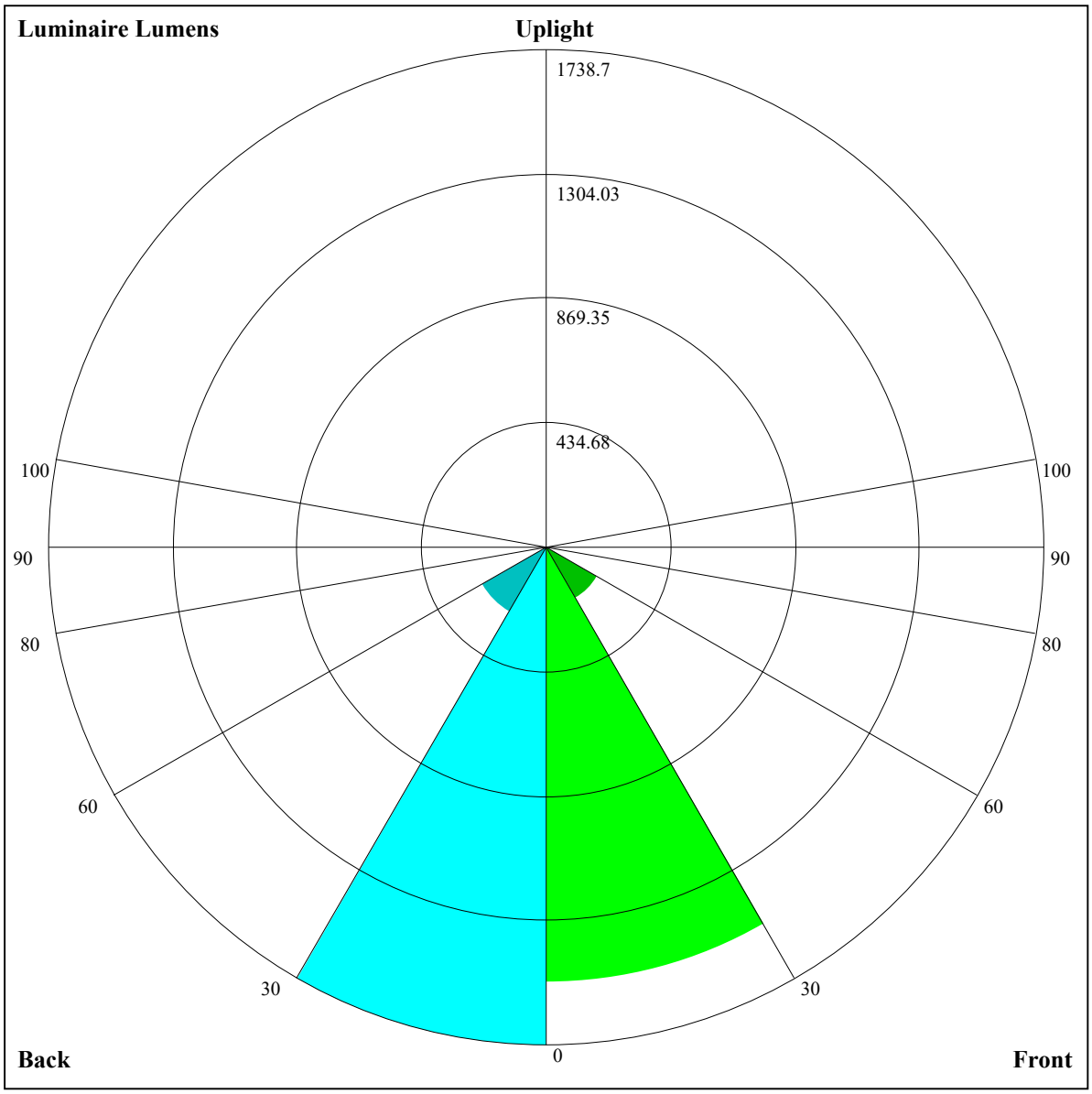
Budgetary Estimate Table



Equipment: GMS 1800 Date: 2025/5/22 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	1.16	1.16	1.16	1.13	1.13	1.13	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.97
1	1.09	1.07	1.05	1.07	1.05	1.03	1.03	1.02	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93
2	1.03	1.00	0.97	1.01	0.99	0.96	0.98	0.96	0.94	0.96	0.94	0.92	0.93	0.91	0.90	0.89
3	0.98	0.94	0.91	0.97	0.93	0.90	0.94	0.91	0.89	0.92	0.89	0.87	0.90	0.88	0.86	0.85
4	0.93	0.89	0.86	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.86	0.83	0.87	0.84	0.82	0.81
5	0.89	0.84	0.81	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.84	0.81	0.79	0.78
6	0.85	0.81	0.77	0.84	0.80	0.77	0.83	0.79	0.77	0.82	0.79	0.76	0.81	0.78	0.76	0.74
7	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.79	0.76	0.73	0.78	0.75	0.73	0.71
8	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.70	0.69
9	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.74	0.70	0.67	0.73	0.70	0.67	0.66
10	0.73	0.68	0.65	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.64



Luminaire Lumens:
FL=1523.02,FM=203.84,FH=3.23,FVH=0.5
BL=1738.7,BM=261.75,BH=3.97,BVH=0.57
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	11916.34	11703.18	11410.08	10368.26	10368.26	10255.29	9660.04	9001.91	8268.64
45.0	12113.51	11969.63	11841.73	11474.03	11255.54	10845.21	10338.95	9752.76	9081.31
90.0	12028.25	11863.05	11639.23	11351.46	10537.72	10537.72	10015.48	9427.69	8920.91
135.0	12092.19	12102.85	12038.90	11916.34	11713.83	11436.73	11090.34	10674.68	10392.24
180.0	11916.34	12070.88	12156.14	12182.79	12145.48	12033.57	11841.73	11564.62	11186.26
225.0	12113.51	12209.43	12236.08	12209.43	12097.52	11889.69	11601.93	10417.82	10417.82
270.0	12028.25	12113.51	12134.83	12086.86	11964.30	11847.06	11474.03	11255.54	10845.21
315.0	12092.19	12017.59	11852.39	11628.57	11314.16	10490.30	10490.30	9968.05	9504.43
360.0	11916.34	11703.18	11410.08	10368.26	10368.26	10255.29	9660.04	9001.91	8268.64

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7533.77	6764.26	6008.61	5306.25	4640.12	4051.27	3529.56	3093.11	2727.54
45.0	8335.25	7557.21	6741.88	5953.19	5169.82	4445.08	3805.60	3262.04	2809.08
90.0	8103.97	7392.55	6838.87	6148.23	5486.37	4866.60	4300.13	3805.07	3363.82
135.0	9635.52	9289.14	8660.32	7759.72	7365.37	6709.90	6081.08	5484.23	4924.69
180.0	10727.97	10157.77	9518.29	8793.54	8196.69	7253.46	6619.31	5846.61	4983.31
225.0	9887.59	9160.71	8347.51	7489.00	6617.71	6098.67	4969.99	4525.55	3843.43
270.0	10115.13	9758.09	9129.27	8457.82	7770.37	7061.62	6379.51	5713.38	5100.55
315.0	8895.33	8253.18	7598.78	6933.72	6296.91	5695.26	5136.25	4614.54	4145.59
360.0	7533.77	6764.26	6008.61	5306.25	4640.12	4051.27	3529.56	3093.11	2727.54

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2421.66	2178.12	1973.49	1815.22	1691.05	1591.40	1524.79	1446.98	1368.11
45.0	2659.86	2659.86	1978.82	1759.26	1649.49	1537.04	1446.45	1376.11	1326.02
90.0	2986.00	2660.93	2390.75	2167.46	1986.28	1836.53	1713.43	1610.05	1521.06
135.0	4407.78	3933.49	3512.50	3139.47	2814.40	2691.84	2441.91	2154.67	1929.26
180.0	4455.74	3869.55	3363.29	2926.31	2707.82	2707.82	2054.49	1869.04	1724.62
225.0	3271.63	2804.81	2426.99	2129.10	1895.15	1719.83	1579.14	1485.89	1419.81
270.0	4530.34	4018.76	3560.46	3171.45	2841.05	2718.48	2453.63	2166.40	1996.40
315.0	3727.26	3348.90	3017.97	2729.14	2482.41	2282.57	2109.38	1961.76	1833.34
360.0	2421.66	2178.12	1973.49	1815.22	1691.05	1591.40	1524.79	1446.98	1368.11

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1327.08	1276.99	1011.87	1011.87	924.63	777.55	627.22	478.06	337.65
45.0	1271.13	1225.83	1187.99	1108.06	995.08	868.79	736.09	590.61	456.32
90.0	1446.45	1380.90	1290.84	1022.10	1022.10	928.21	771.16	614.01	463.52
135.0	1797.10	1723.03	1619.11	1531.18	1441.65	1313.76	1160.28	997.75	835.75
180.0	1613.78	1525.85	1450.18	1406.48	1327.61	1299.90	1229.56	1113.39	981.76
225.0	1360.12	1299.90	1245.01	1206.65	1043.42	1002.01	1002.01	879.29	743.56
270.0	1851.99	1729.42	1622.84	1533.85	1453.38	1378.24	1257.80	1118.18	967.91
315.0	1761.93	1623.37	1572.21	1485.35	1350.53	1045.02	1045.02	873.96	705.51
360.0	1327.08	1276.99	1011.87	1011.87	924.63	777.55	627.22	478.06	337.65

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	261.81	114.25	50.95	36.93	26.27	21.37	19.08	15.45	13.86
45.0	327.89	302.85	302.85	70.13	37.62	29.74	24.19	20.78	17.64
90.0	323.79	203.99	106.15	52.81	41.25	29.95	26.96	22.28	19.24
135.0	671.08	511.21	364.13	311.37	285.79	75.03	60.59	47.85	40.34
180.0	840.54	691.33	544.78	401.97	294.32	294.32	56.65	31.39	24.94
225.0	610.01	471.14	338.39	221.74	123.26	58.35	37.04	30.27	25.47
270.0	809.63	649.23	493.09	376.39	296.45	296.45	72.53	53.02	42.53
315.0	543.29	393.71	262.24	159.55	100.45	83.08	65.81	55.47	47.96
360.0	261.81	114.25	50.95	36.93	26.27	21.37	19.08	15.45	13.86

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	12.68	11.67	10.66	9.75	8.95	8.21	7.57	7.09	6.71
45.0	15.45	13.38	12.15	11.35	10.55	9.86	9.22	8.63	8.05
90.0	17.21	15.56	14.12	12.95	11.88	11.03	10.28	9.65	9.11
135.0	35.12	30.54	27.28	24.57	22.28	20.36	18.76	17.27	16.04
180.0	19.98	16.68	15.03	13.59	12.31	11.83	11.19	10.71	10.18
225.0	21.85	18.28	16.89	13.59	12.20	11.78	10.76	10.44	9.81
270.0	34.75	28.24	23.23	20.52	18.28	16.41	14.71	13.16	11.83
315.0	40.55	35.49	31.01	27.39	24.30	21.42	18.97	17.05	15.45
360.0	12.68	11.67	10.66	9.75	8.95	8.21	7.57	7.09	6.71

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	6.23	5.86	5.65	5.38	5.17	4.90	4.64	4.26	3.94
45.0	7.46	7.09	6.55	6.13	5.81	5.49	5.12	4.80	4.42
90.0	8.69	8.21	7.73	7.30	6.98	6.61	6.18	5.81	5.33
135.0	14.97	14.12	13.22	12.52	11.72	11.08	10.44	9.86	9.17
180.0	9.75	9.33	9.01	8.63	8.31	7.83	7.46	7.14	6.82
225.0	9.22	8.74	8.26	7.89	7.78	7.41	7.19	7.14	6.71
270.0	10.82	10.28	9.33	9.11	8.69	8.21	8.05	7.78	7.41
315.0	14.12	12.84	11.72	10.71	9.81	9.11	8.47	7.83	7.14
360.0	6.23	5.86	5.65	5.38	5.17	4.90	4.64	4.26	3.94

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	3.62	3.36	3.20	2.98	2.77	2.56	2.34	2.13	1.87
45.0	4.00	3.62	3.36	3.14	2.93	2.77	2.61	2.45	2.18
90.0	4.85	4.53	4.10	3.73	3.52	3.20	2.88	2.56	2.34
135.0	8.53	8.05	6.98	6.66	6.02	5.44	5.01	4.58	4.10
180.0	6.50	6.13	5.70	5.22	4.74	4.58	4.16	3.73	3.57
225.0	6.29	5.76	5.06	4.58	4.26	3.73	3.46	3.09	2.93
270.0	6.98	6.45	5.92	5.38	4.85	4.42	4.00	3.68	3.41
315.0	6.55	6.02	5.38	4.90	4.69	4.32	3.94	3.62	3.25
360.0	3.62	3.36	3.20	2.98	2.77	2.56	2.34	2.13	1.87

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	1.71	1.55	1.39	1.28	1.23	1.12	1.01	0.96	0.96
45.0	2.03	1.92	1.81	1.76	1.65	1.60	1.60	1.49	1.49
90.0	2.08	1.87	1.65	1.49	1.44	1.39	1.28	1.28	1.17
135.0	3.68	3.30	2.98	2.61	2.34	2.08	2.03	1.87	1.76
180.0	3.20	2.88	2.61	2.34	2.03	1.87	1.60	1.49	1.39
225.0	2.56	2.40	2.13	1.97	1.76	1.60	1.55	1.44	1.39
270.0	3.04	2.66	2.34	2.13	1.87	1.60	1.44	1.39	1.23
315.0	2.93	2.61	2.34	2.13	1.92	1.76	1.71	1.60	1.49
360.0	1.71	1.55	1.39	1.28	1.23	1.12	1.01	0.96	0.96

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.91	0.85	0.85	0.80	0.75	0.75	0.69	0.64	0.59
45.0	1.39	1.23	1.12	0.91	0.80	0.75	0.59	0.59	0.59
90.0	1.07	1.07	0.96	0.96	0.85	0.75	0.69	0.69	0.59
135.0	1.71	1.60	1.49	1.49	1.33	1.28	1.17	1.07	1.01
180.0	1.33	1.23	1.12	1.12	1.07	1.01	0.96	0.91	0.85
225.0	1.33	1.23	1.17	1.12	1.07	0.96	0.85	0.75	0.64
270.0	1.17	1.12	1.07	1.01	0.91	0.85	0.85	0.80	0.69
315.0	1.44	1.39	1.28	1.23	1.17	1.07	1.01	0.91	0.85
360.0	0.91	0.85	0.85	0.80	0.75	0.75	0.69	0.64	0.59

Intensity data(cd)

C/γ(°)	90.0
0.0	0.59
45.0	0.59
90.0	0.59
135.0	0.85
180.0	0.75
225.0	0.64
270.0	0.64
315.0	0.69
360.0	0.59