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

NT

Client: NT
LumCAT: 2-2914-L
Luminaire: 92.70.411.00 LED HOLDER
Report No: 20250317-B006
Ballast type: AC

Test No: 20250317-C006	Voltage(V): 36.160
LampCAT: LUMILEDS LUXEON COB 1205	Current(A): 0.604
Lamp flux(lm): 2511.0	Power (W): 21.840
Number of Lamps: 1	PF: 0.000
Length(mm): 63	Width(mm): 63
Phm Type: C	Height(mm): 40

Photometric Results

Lumens(lm): 2320.64, Efficiency(%): 92.42% , Luminous Efficacy(lm/W): 106.26
Central intensity(cd): 7670.722, Maximum intensity(cd): 7780.500
Angle of maximum intensity: C=180.0 γ=2.0
Beam Angle(50%Imax): [C0/180]Total=25.8
[C90/270]Total=25.8
Field angle(10%Imax): [C0/180]Total=61.6
[C90/270]Total=61.4
Maximum s/h(1/2): C0_180=0.49 C90_270=0.41
Maximum s/h(1/4): C0_180=0.51 C90_270=0.46
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 92.34%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 100.049%

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

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7733.605	0.000	0	0.00%	0.00%
1.0	7689.441	7.380	7.38	0.29%	0.32%
2.0	7551.086	21.875	29.254	0.87%	1.26%
3.0	7365.437	35.675	64.93	1.42%	2.80%
4.0	7127.564	48.513	113.442	1.93%	4.89%
5.0	6823.944	60.019	173.461	2.39%	7.47%
6.0	6495.545	69.997	243.459	2.79%	10.49%
7.0	6132.373	78.381	321.84	3.12%	13.87%
8.0	5747.819	85.024	406.864	3.39%	17.53%
9.0	5357.803	90.005	496.869	3.58%	21.41%
10.0	4964.923	93.417	590.286	3.72%	25.44%
11.0	4576.439	95.338	685.624	3.80%	29.54%
12.0	4205.673	96.001	781.625	3.82%	33.68%
13.0	3848.164	95.579	877.204	3.81%	37.80%
14.0	3506.908	94.144	971.348	3.75%	41.86%
15.0	3193.896	91.992	1063.34	3.66%	45.82%
16.0	2888.744	89.128	1152.467	3.55%	49.66%
17.0	2630.221	85.945	1238.412	3.42%	53.37%
18.0	2376.627	82.552	1320.964	3.29%	56.92%
19.0	2172.926	79.153	1400.117	3.15%	60.33%
20.0	1963.697	75.712	1475.829	3.02%	63.60%
21.0	1791.237	72.102	1547.931	2.87%	66.70%
22.0	1662.675	69.408	1617.339	2.76%	69.69%
23.0	1510.465	66.581	1683.92	2.65%	72.56%
24.0	1398.756	63.606	1747.526	2.53%	75.30%
25.0	1282.657	60.969	1808.496	2.43%	77.93%
26.0	1164.240	57.759	1866.255	2.30%	80.42%
27.0	1102.723	55.462	1921.717	2.21%	82.81%
28.0	1037.963	54.198	1975.914	2.16%	85.15%
29.0	950.207	52.016	2027.931	2.07%	87.39%
30.0	854.479	48.726	2076.657	1.94%	89.49%
31.0	752.035	44.707	2121.364	1.78%	91.41%
32.0	648.826	40.133	2161.497	1.60%	93.14%
33.0	546.522	35.215	2196.712	1.40%	94.66%
34.0	446.290	30.045	2226.757	1.20%	95.95%
35.0	359.907	25.038	2251.795	1.00%	97.03%
36.0	274.983	20.215	2272.01	0.81%	97.90%
37.0	215.765	16.005	2288.015	0.64%	98.59%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	143.230	11.983	2299.998	0.48%	99.11%
39.0	84.205	7.763	2307.761	0.31%	99.44%
40.0	35.445	4.173	2311.934	0.17%	99.62%
41.0	19.517	1.957	2313.891	0.08%	99.71%
42.0	13.489	1.199	2315.09	0.05%	99.76%
43.0	10.452	0.887	2315.977	0.04%	99.80%
44.0	8.193	0.704	2316.681	0.03%	99.83%
45.0	6.328	0.558	2317.239	0.02%	99.85%
46.0	4.989	0.443	2317.682	0.02%	99.87%
47.0	3.830	0.351	2318.032	0.01%	99.89%
48.0	2.904	0.272	2318.305	0.01%	99.90%
49.0	2.311	0.214	2318.519	0.01%	99.91%
50.0	1.958	0.178	2318.697	0.01%	99.92%
51.0	1.699	0.155	2318.852	0.01%	99.92%
52.0	1.485	0.137	2318.988	0.01%	99.93%
53.0	1.346	0.123	2319.111	0.00%	99.93%
54.0	1.206	0.112	2319.224	0.00%	99.94%
55.0	1.092	0.103	2319.326	0.00%	99.94%
56.0	0.993	0.094	2319.421	0.00%	99.95%
57.0	0.893	0.086	2319.507	0.00%	99.95%
58.0	0.819	0.079	2319.586	0.00%	99.95%
59.0	0.719	0.072	2319.658	0.00%	99.96%
60.0	0.666	0.065	2319.723	0.00%	99.96%
61.0	0.613	0.061	2319.784	0.00%	99.96%
62.0	0.533	0.055	2319.84	0.00%	99.97%
63.0	0.480	0.049	2319.889	0.00%	99.97%
64.0	0.460	0.046	2319.935	0.00%	99.97%
65.0	0.393	0.042	2319.977	0.00%	99.97%
66.0	0.386	0.039	2320.016	0.00%	99.97%
67.0	0.360	0.038	2320.054	0.00%	99.97%
68.0	0.326	0.035	2320.088	0.00%	99.98%
69.0	0.300	0.032	2320.12	0.00%	99.98%
70.0	0.273	0.029	2320.15	0.00%	99.98%
71.0	0.280	0.029	2320.178	0.00%	99.98%
72.0	0.273	0.029	2320.207	0.00%	99.98%
73.0	0.240	0.027	2320.234	0.00%	99.98%
74.0	0.253	0.026	2320.26	0.00%	99.98%
75.0	0.253	0.027	2320.287	0.00%	99.98%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.220	0.025	2320.312	0.00%	99.99%
77.0	0.220	0.023	2320.335	0.00%	99.99%
78.0	0.240	0.025	2320.36	0.00%	99.99%
79.0	0.240	0.026	2320.385	0.00%	99.99%
80.0	0.213	0.024	2320.41	0.00%	99.99%
81.0	0.226	0.024	2320.434	0.00%	99.99%
82.0	0.213	0.024	2320.458	0.00%	99.99%
83.0	0.200	0.022	2320.48	0.00%	99.99%
84.0	0.213	0.022	2320.502	0.00%	99.99%
85.0	0.226	0.024	2320.526	0.00%	99.99%
86.0	0.206	0.024	2320.55	0.00%	100.00%
87.0	0.213	0.023	2320.573	0.00%	100.00%
88.0	0.220	0.024	2320.597	0.00%	100.00%
89.0	0.206	0.023	2320.62	0.00%	100.00%
90.0	0.226	0.024	2320.644	0.00%	100.00%

Zonal flux distribution table

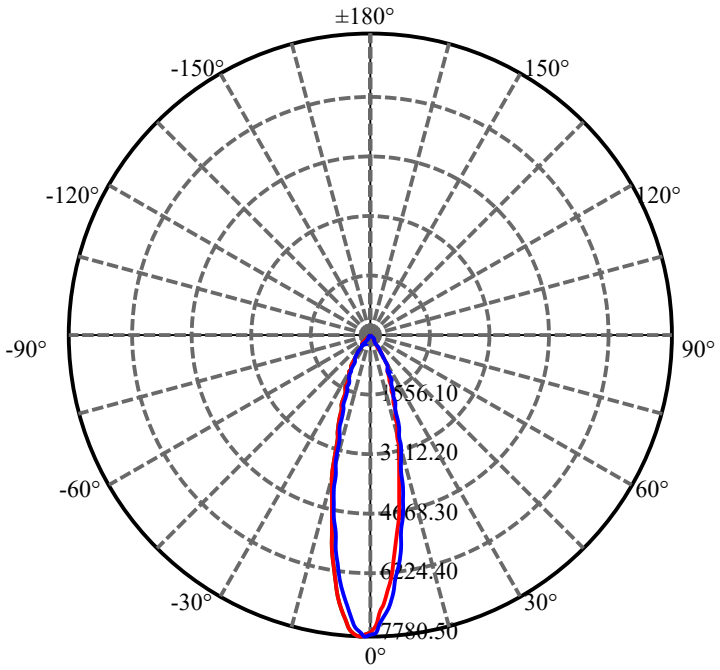
ZONAL LUMEN SUMMARY

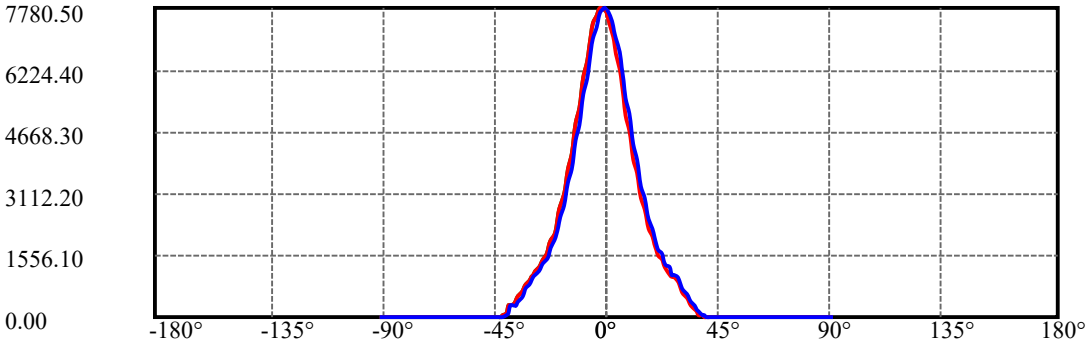
Zone	Lumens	%Lamp	%Fixt
0-30	2076.66	82.70%	89.49%
0-40	2311.93	92.07%	99.62%
0-60	2319.72	92.38%	99.96%
0-90	2320.62	92.42%	100.00%
0-120	2320.62	92.42%	100.00%
0-180	2320.64	92.42%	100.00%
60-90	0.90	0.04%	0.04%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-25.83	1856.52	73.93%	80.00%

ZONAL LUMEN SUMMARY

0-10	590.29
10-20	885.54
20-30	600.83
30-40	235.28
40-50	6.76
50-60	1.03
60-70	0.43
70-80	0.26
80-90	0.21
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):

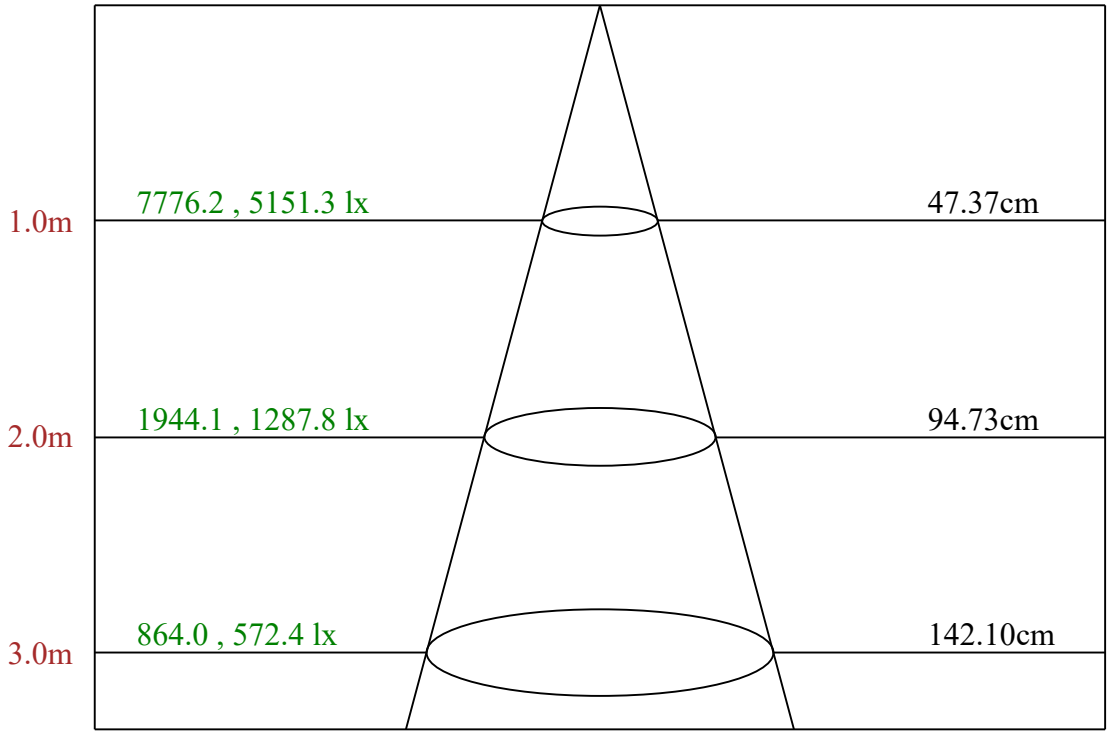
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:30.4 Right:31.2
:C90/270Left:30.3 Right:31.2

Beam Angle(50%Imax):C0/180Left:12.6 Right:13.2
:C90/270Left:12.5 Right:13.3

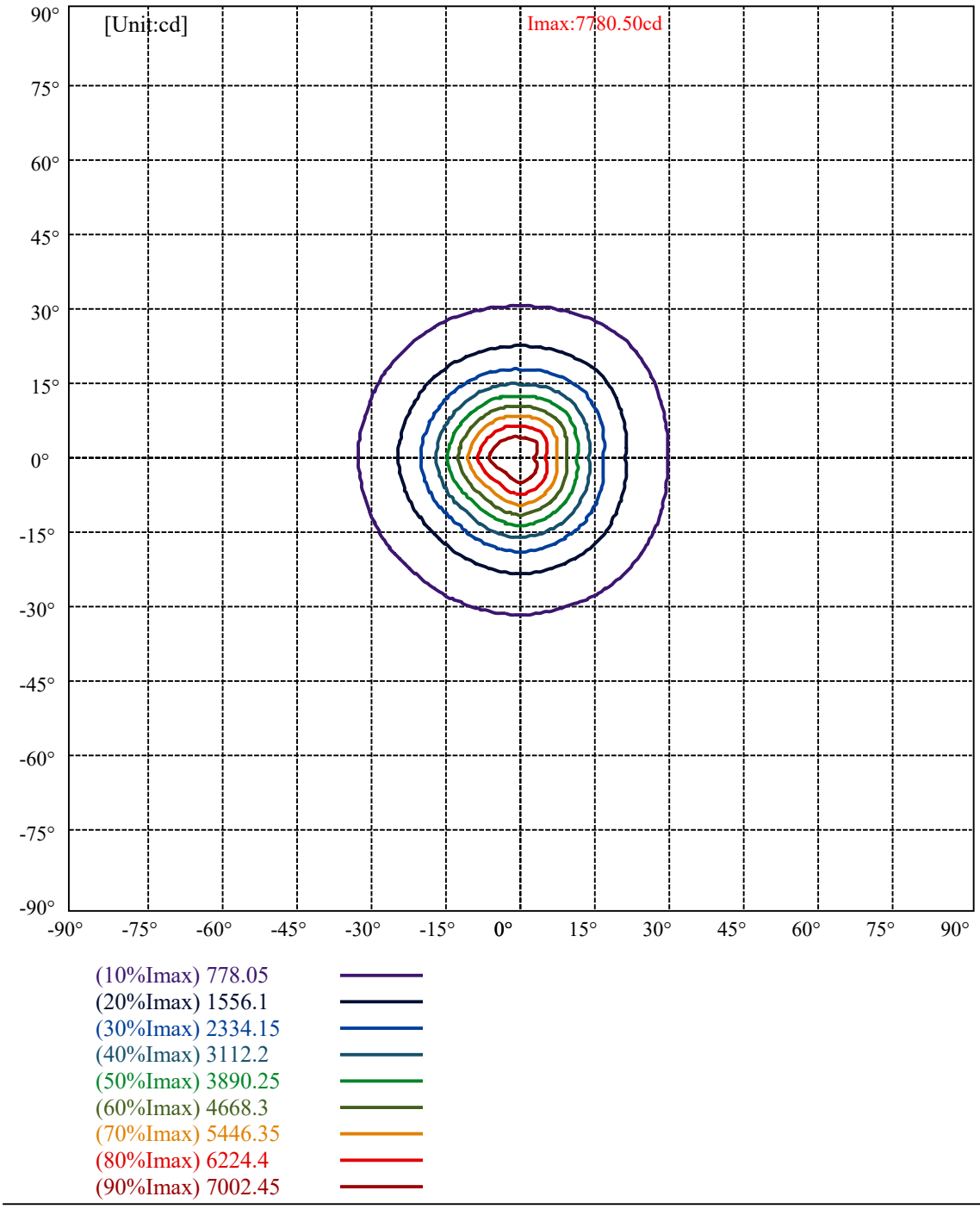
Lux distance Curve



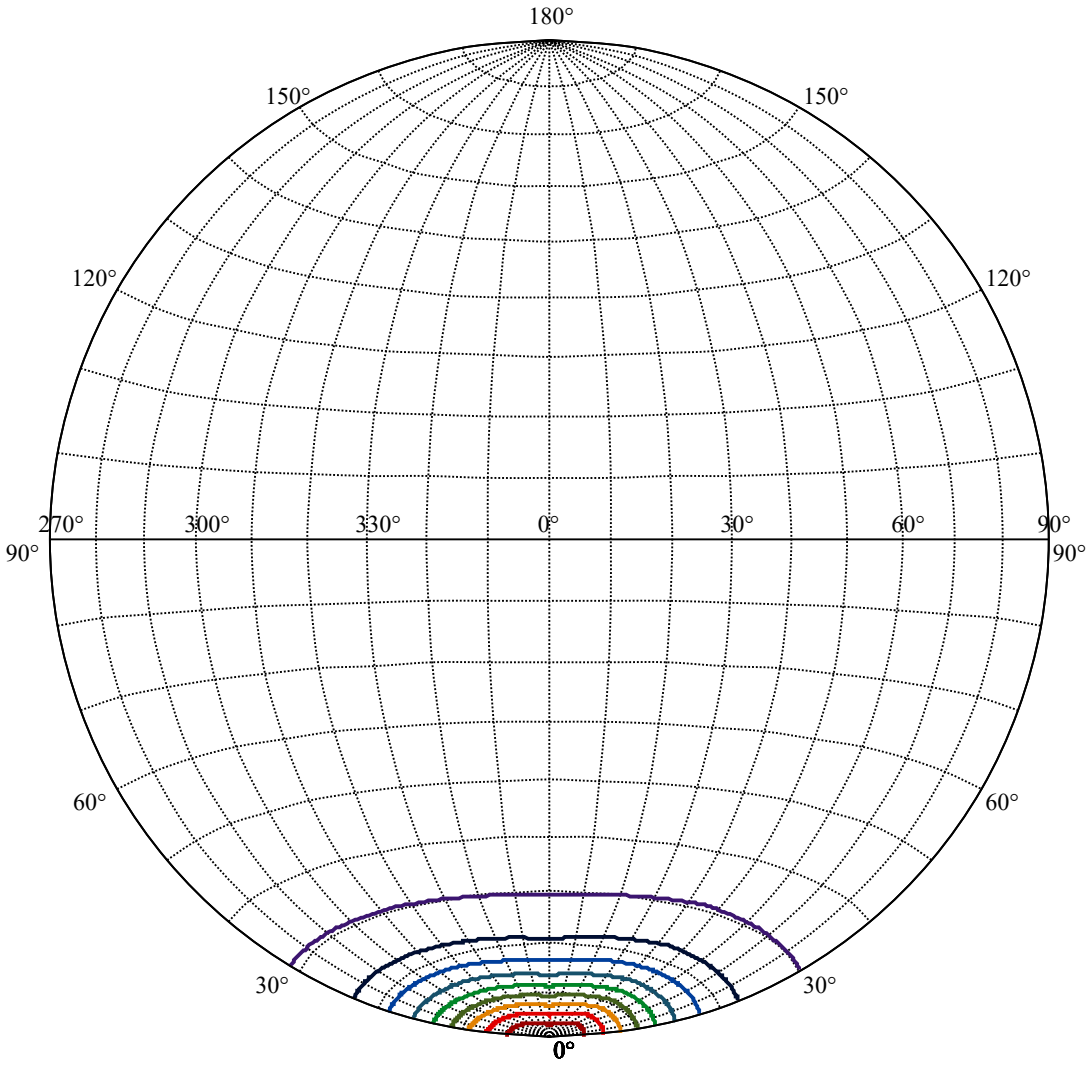
Max , Ave

Beam angle of C180 plane 26.65

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


[Unit:cd]
Imax:7780.50cd
90°
75°
60°
45°
30°
15°
0°
-15°
-30°
-45°
-60°
-75°
-90°
-90° -75° -60° -45° -30° -15° 0° 15° 30° 45° 60° 75° 90°
(10%Imax) 778.05
(20%Imax) 1556.1
(30%Imax) 2334.15
(40%Imax) 3112.2
(50%Imax) 3890.25
(60%Imax) 4668.3
(70%Imax) 5446.35
(80%Imax) 6224.4
(90%Imax) 7002.45

ISO candela diagram on circular web



House [Unit:cd] Road

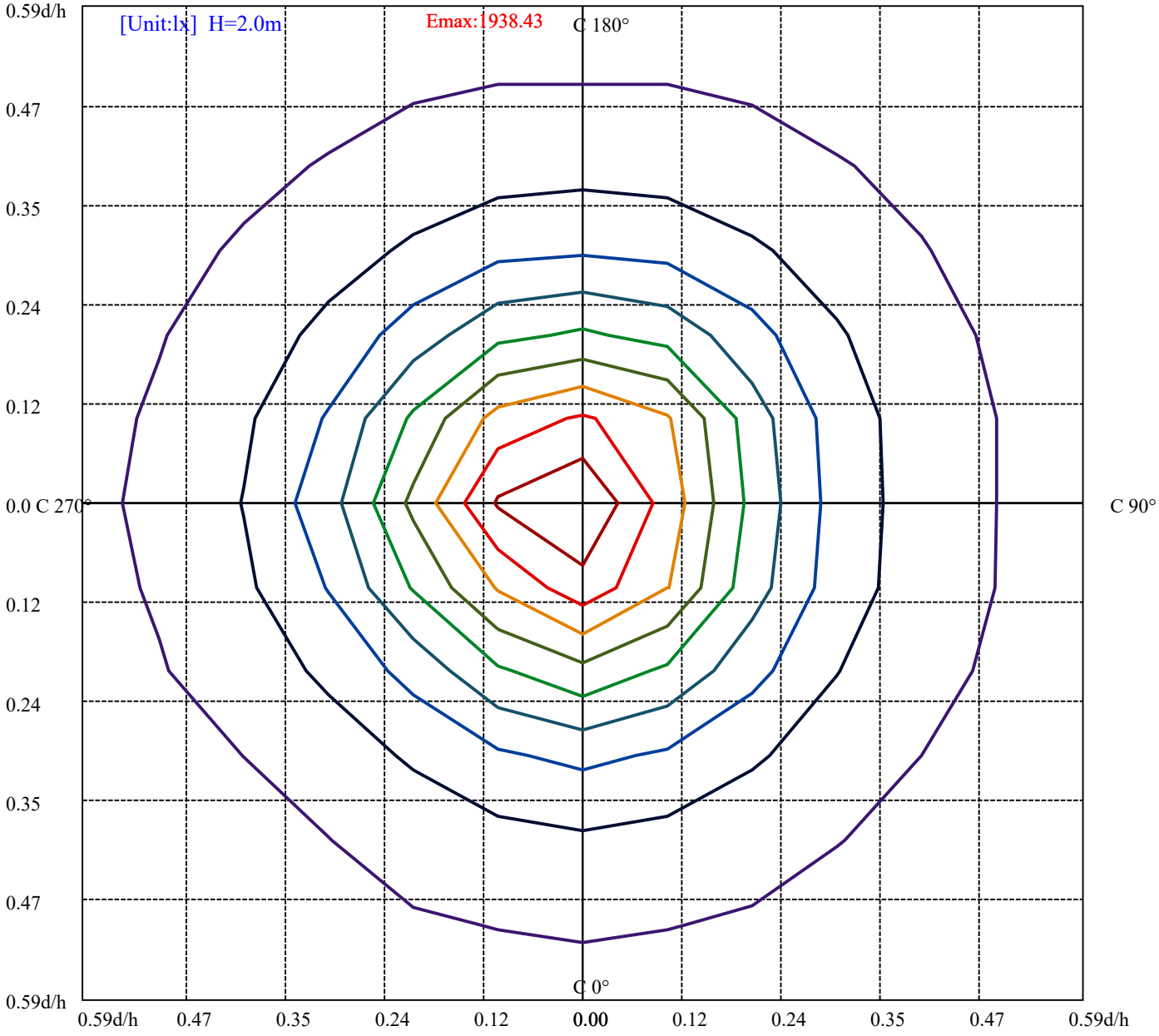
Imax:7780.50

(10%Imax) 778.034
(20%Imax) 1556.07
(30%Imax) 2334.1
(40%Imax) 3112.14
(50%Imax) 3890.17
(60%Imax) 4668.2
(70%Imax) 5446.24
(80%Imax) 6224.27
(90%Imax) 7002.31

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

NT NT 2-2914-L

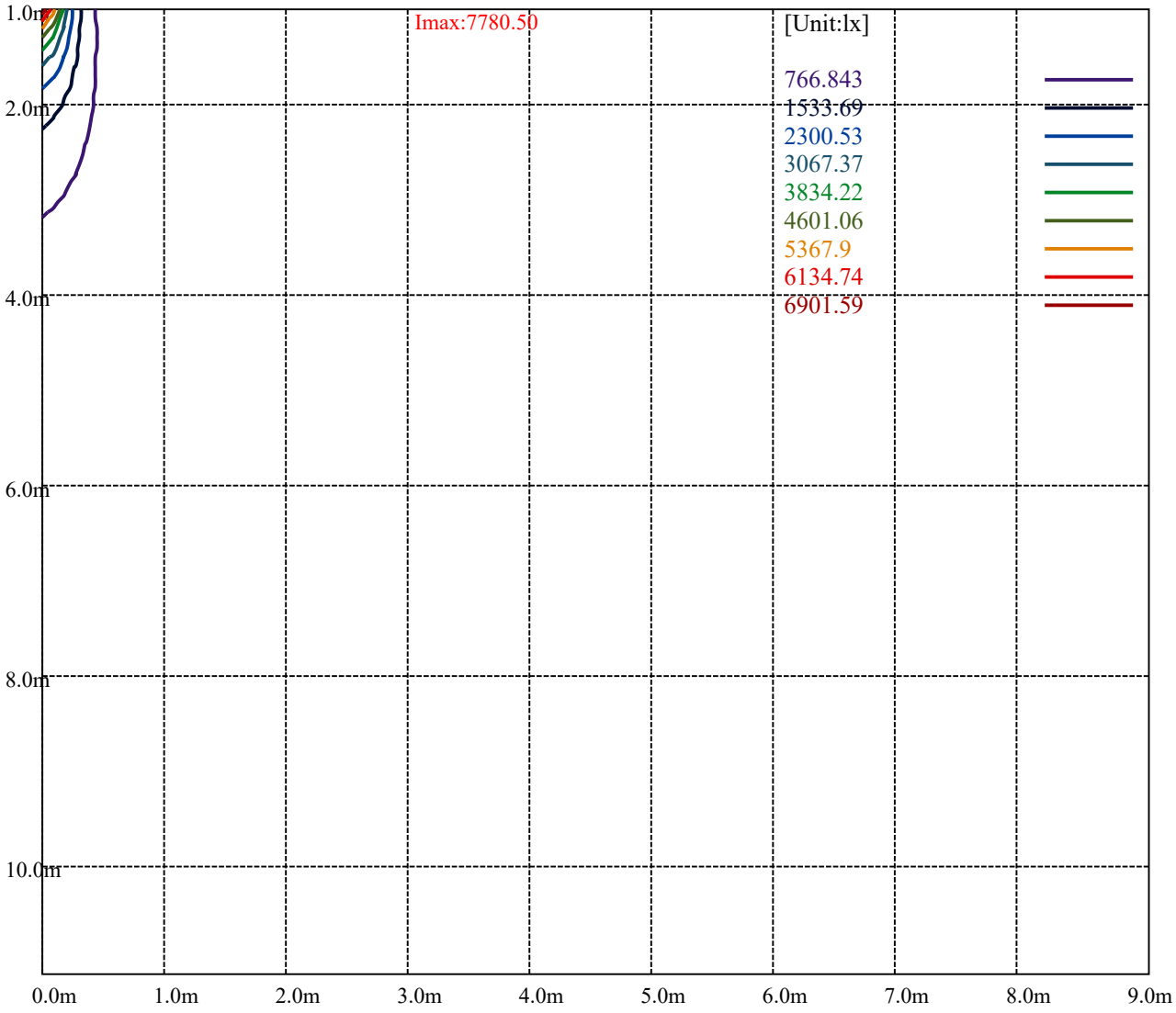
ISO illuminance diagram



Equipment: GMS 1800 Date: 2025/3/28 Operator: NT

Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.30

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

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

Operator: NT
Distance(m): 7.30

NT NT 2-2914-L

Luminance Limitting Curve(no luminous side)

Luminance Table

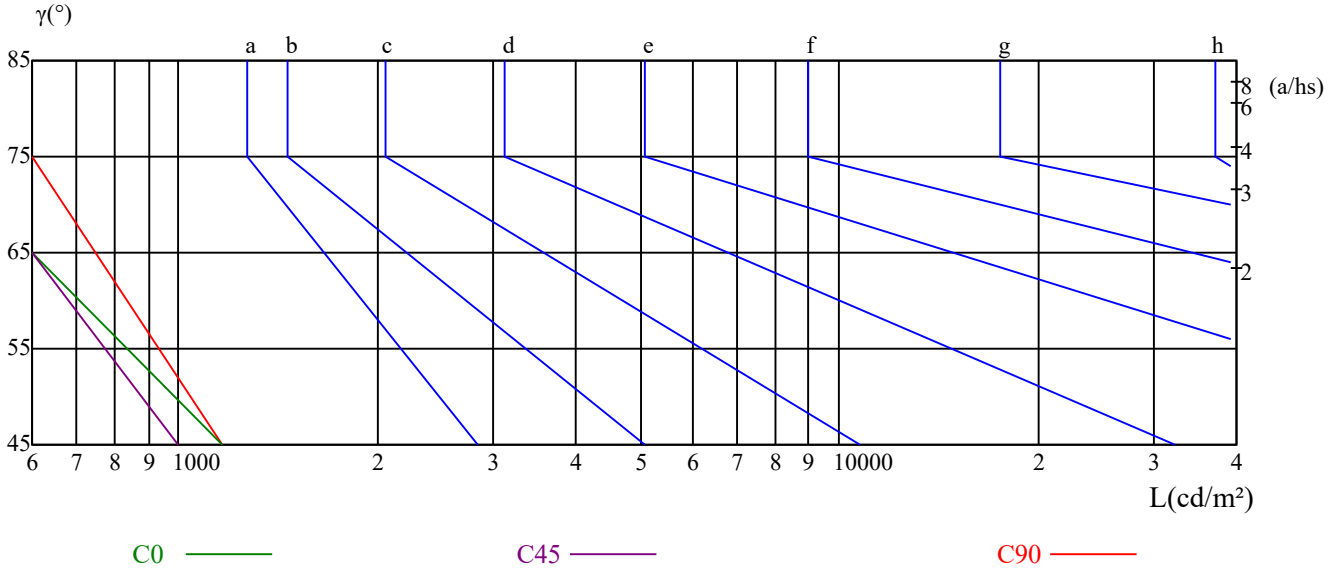
γ	45	50	55	60	65	70	75	80	85
C0	1161	0	0	0	108	0	77	0	93
C45	1000	0	0	0	87	0	60	0	68
C90	1161	0	0	0	0	0	77	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
127	0	64	259	130	195	385	0	193

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

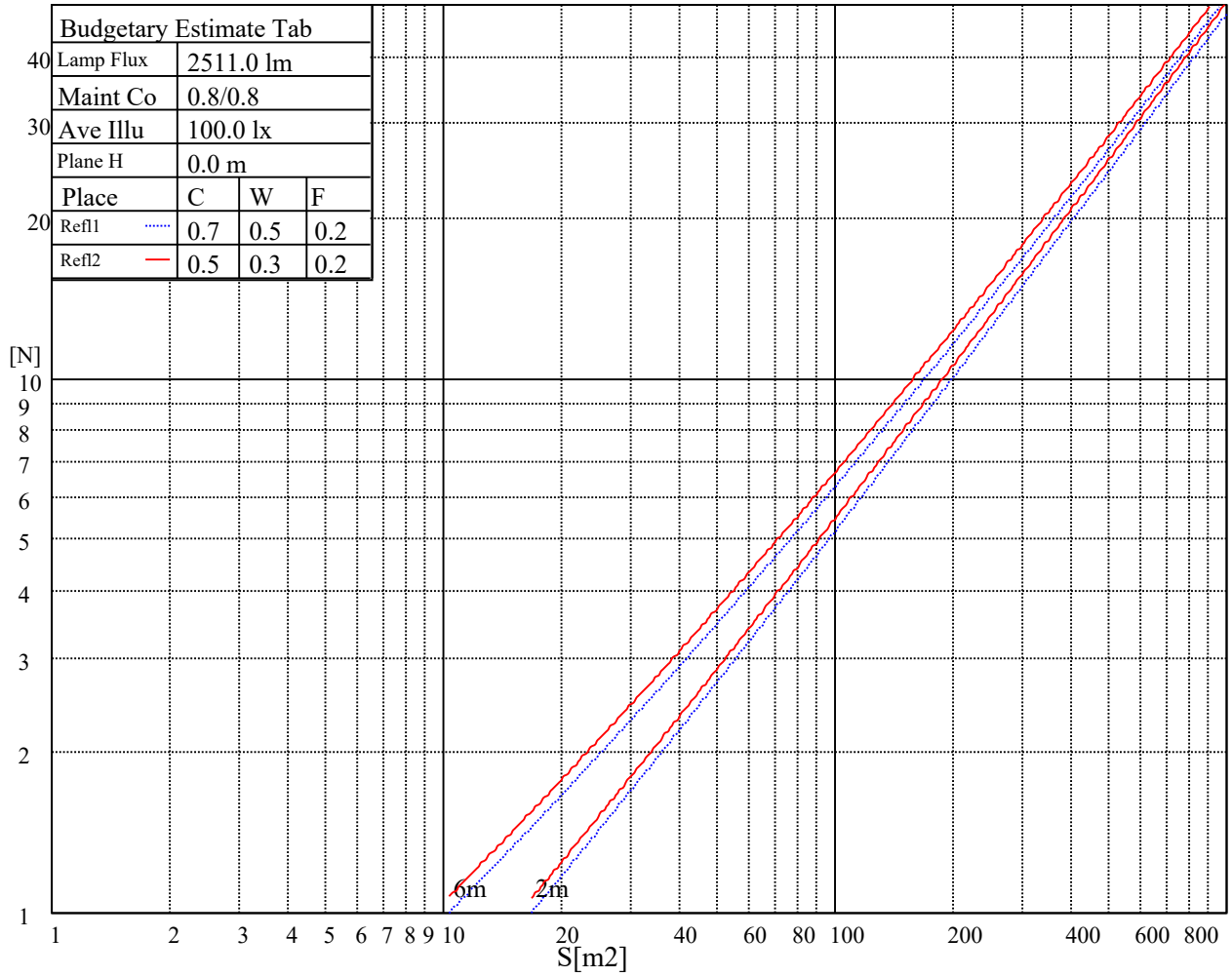


Illumination assessment according UGR											
Rf of Ceiling		70	70	50	50	30	70	70	50	50	30
Rf of Wall		50	30	50	30	30	50	30	50	30	30
Rf of Floor		20	20	20	20	20	20	20	20	20	20
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	13.85	14.73	14.21	15.04	15.35	14.68	15.56	15.04	15.87	16.18
	3H	13.62	14.40	14.01	14.74	15.09	14.45	15.23	14.84	15.57	15.91
	4H	13.51	14.23	13.91	14.59	14.95	14.34	15.06	14.74	15.41	15.78
	6H	13.41	14.07	13.83	14.45	14.85	14.24	14.89	14.66	15.27	15.67
	8H	13.33	13.96	13.76	14.34	14.75	14.16	14.78	14.58	15.17	15.58
	12H	13.26	13.85	13.69	14.24	14.66	14.09	14.67	14.51	15.07	15.49
4H	2H	13.51	14.23	13.91	14.58	14.95	14.34	15.06	14.74	15.41	15.78
	3H	13.24	13.84	13.67	14.24	14.66	14.07	14.67	14.50	15.07	15.49
	4H	13.15	13.67	13.59	14.10	14.55	13.98	14.50	14.42	14.92	15.37
	6H	13.00	13.46	13.48	13.91	14.37	13.83	14.28	14.30	14.74	15.19
	8H	12.94	13.36	13.42	13.82	14.29	13.76	14.18	14.25	14.64	15.12
	12H	12.88	13.27	13.37	13.72	14.24	13.71	14.09	14.20	14.55	15.07
8H	4H	12.94	13.36	13.42	13.82	14.29	13.76	14.18	14.25	14.64	15.12
	6H	12.77	13.11	13.28	13.59	14.11	13.60	13.94	14.10	14.42	14.93
	8H	12.75	13.03	13.29	13.55	14.05	13.57	13.86	14.11	14.38	14.88
	12H	12.69	12.90	13.24	13.42	13.94	13.52	13.73	14.06	14.24	14.77
12H	4H	12.88	13.27	13.37	13.72	14.24	13.71	14.09	14.20	14.55	15.07
	6H	12.75	13.03	13.28	13.55	14.05	13.57	13.86	14.11	14.38	14.88
	8H	12.69	12.90	13.24	13.42	13.94	13.52	13.72	14.06	14.24	14.77

Variation with the observer position at spacings:		
S = 1.0H	6.4/-27.4	6.3/-26.5
S = 1.5H	9.2/-27.6	9.1/-26.4
S = 2.0H	11.2/-27.3	11.1/-26.0
Standard tables:	BK0	BK0
Uncorrected UGR	-4.6	-5.4

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

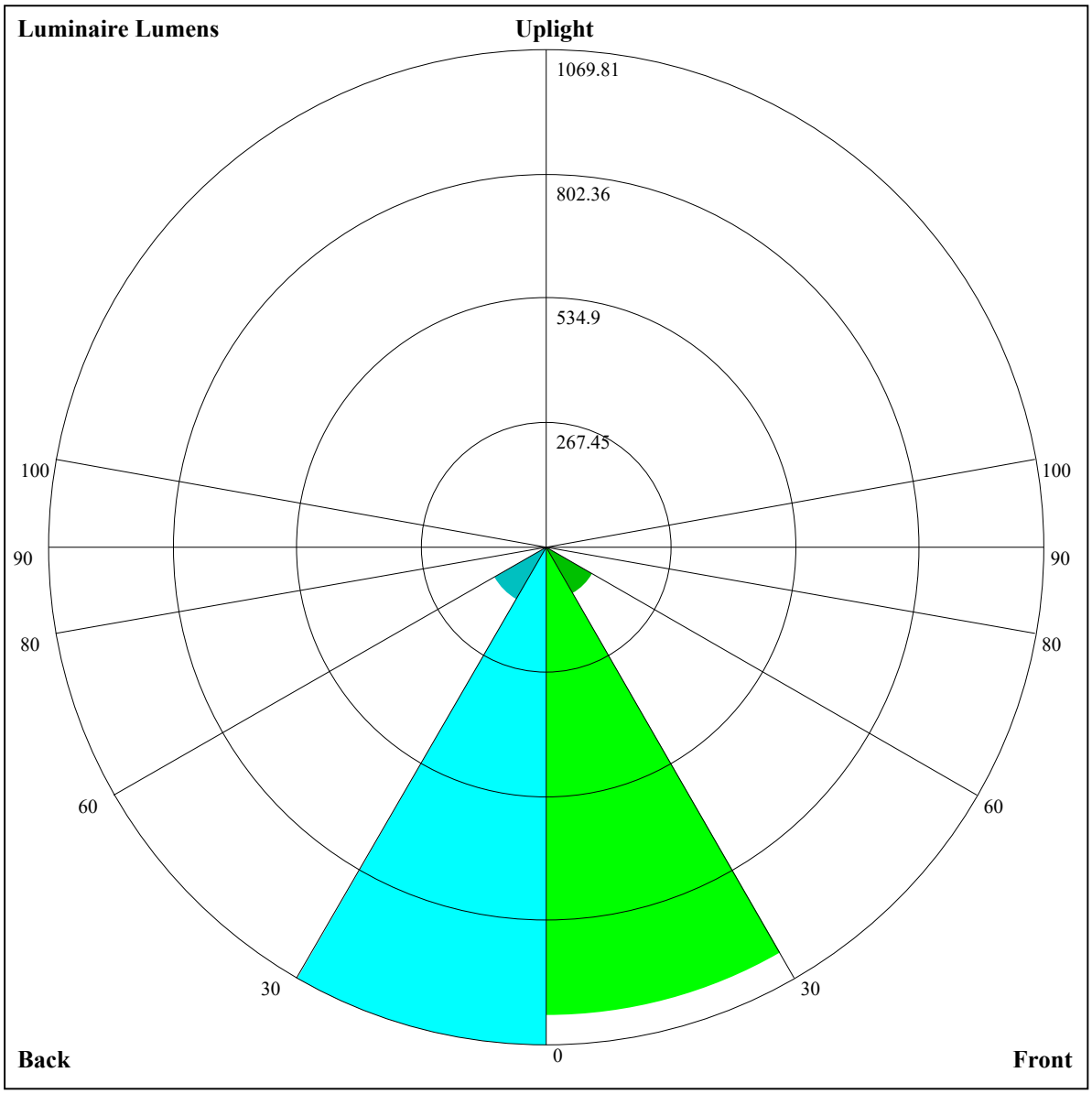
Budgetary Estimate Table



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	1.07	1.07	1.07	1.03	1.03	1.03	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.04	1.02	1.00	1.02	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.88
2	0.98	0.95	0.93	0.97	0.94	0.92	0.94	0.92	0.90	0.91	0.89	0.88	0.89	0.87	0.86	0.85
3	0.93	0.90	0.87	0.92	0.89	0.86	0.90	0.87	0.85	0.88	0.85	0.83	0.86	0.84	0.82	0.81
4	0.89	0.85	0.82	0.88	0.84	0.81	0.86	0.83	0.80	0.84	0.82	0.79	0.83	0.80	0.78	0.77
5	0.85	0.81	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.76	0.80	0.77	0.75	0.74
6	0.81	0.77	0.74	0.81	0.76	0.73	0.79	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
7	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.70	0.74	0.71	0.69	0.68
8	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.67	0.66
9	0.72	0.68	0.65	0.72	0.67	0.65	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63
10	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.61



Luminaire Lumens:
FL=1006.97,FM=113.73,FH=0.33,FVH=0.12
BL=1069.81,BM=131.66,BH=0.34,BVH=0.12
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	7670.72	7484.74	7130.89	6949.18	6610.25	6255.87	5873.78	5486.90	5096.28
45.0	7755.45	7721.88	7604.64	7396.81	7125.57	6814.89	6473.30	6101.86	5707.52
90.0	7733.07	7668.06	7433.58	7182.05	7007.79	6669.94	6305.43	5928.67	5531.13
135.0	7776.24	7726.68	7662.20	7423.99	7278.51	6993.41	6667.80	6319.29	5917.48
180.0	7670.72	7741.07	7780.50	7717.62	7582.79	7372.30	7104.25	6785.04	6434.39
225.0	7753.32	7693.10	7550.82	7376.03	7045.10	6725.89	6449.85	6074.15	5687.80
270.0	7733.07	7769.84	7693.64	7541.76	7311.01	7024.85	6702.44	6345.40	5976.10
315.0	7776.24	7710.16	7552.42	7336.06	7059.49	6734.42	6387.50	6017.67	5631.85
360.0	7670.72	7484.74	7130.89	6949.18	6610.25	6255.87	5873.78	5486.90	5096.28

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4709.40	4333.17	3968.13	3624.41	3291.88	2984.40	2700.36	2442.44	2210.63
45.0	5315.30	4922.56	4533.54	4170.10	3814.13	3473.07	3158.13	2858.64	2696.63
90.0	5125.06	4730.71	4350.22	3981.99	3632.41	3303.07	2993.46	2714.22	2463.22
135.0	5512.48	5110.14	4702.47	4320.91	3955.34	3603.10	3274.30	2970.01	2690.24
180.0	6064.03	5658.49	5250.82	4860.21	4472.79	4097.63	3738.99	3402.73	3085.12
225.0	5298.78	4907.10	4526.08	4155.18	3799.20	3462.94	3148.00	2851.17	2580.46
270.0	5596.68	5201.80	4813.31	4438.15	4077.91	3725.66	3387.27	3072.33	2782.43
315.0	5240.70	4855.41	4466.93	4094.43	3741.65	3405.39	3150.66	2798.42	2533.03
360.0	4709.40	4333.17	3968.13	3624.41	3291.88	2984.40	2700.36	2442.44	2210.63

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2010.79	1829.61	1671.87	1532.78	1431.53	1302.03	1228.49	1050.56	1036.44
45.0	2341.72	2207.43	2004.40	1823.21	1670.27	1530.65	1404.88	1298.30	1205.58
90.0	2235.14	2026.25	1839.20	1681.99	1597.79	1418.21	1308.43	1249.28	1062.87
135.0	2441.37	2213.29	2006.00	1820.01	1658.54	1571.68	1437.39	1321.22	1219.44
180.0	2790.96	2631.62	2286.30	2069.41	1949.51	1766.72	1610.58	1473.10	1351.06
225.0	2336.93	2116.31	1913.80	1740.08	1645.76	1453.91	1381.44	1271.66	1046.56
270.0	2518.11	2282.04	2065.15	1910.61	1742.74	1565.82	1461.37	1343.07	1240.75
315.0	2337.99	2076.87	1922.86	1751.80	1605.25	1474.69	1357.46	1254.07	1151.22
360.0	2010.79	1829.61	1671.87	1532.78	1431.53	1302.03	1228.49	1050.56	1036.44

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1004.30	910.83	804.63	694.85	589.33	485.90	387.10	292.88	204.95
45.0	1124.05	1052.10	971.64	875.71	771.80	668.42	559.70	457.39	403.03
90.0	1062.87	996.58	896.02	791.89	685.84	581.82	480.73	378.31	287.29
135.0	1130.44	1053.17	970.04	878.38	773.93	670.55	571.43	470.71	369.46
180.0	1246.61	1156.55	1079.28	1004.14	915.68	816.56	714.25	614.06	511.74
225.0	1046.56	1031.32	944.41	847.10	743.82	642.73	538.34	438.79	347.18
270.0	1152.29	1077.68	1002.01	907.16	805.37	703.05	601.80	499.49	399.30
315.0	1054.66	1025.46	933.64	836.60	730.50	621.57	518.83	418.70	356.30
360.0	1004.30	910.83	804.63	694.85	589.33	485.90	387.10	292.88	204.95

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	158.06	69.54	31.33	20.89	13.38	11.51	8.90	6.71	5.22
45.0	304.98	304.98	128.11	69.28	31.28	17.11	13.11	10.34	7.99
90.0	202.50	130.29	68.90	31.49	20.78	13.64	11.72	9.06	7.19
135.0	298.58	298.58	136.42	56.06	33.89	18.07	13.27	11.56	8.90
180.0	415.29	320.43	285.79	285.79	94.75	44.71	20.14	14.65	11.83
225.0	255.37	171.17	101.14	56.65	21.10	15.29	13.06	9.65	7.83
270.0	303.38	285.26	285.26	98.16	43.80	19.98	14.97	11.99	9.11
315.0	261.71	145.85	108.87	55.32	24.57	15.83	12.74	9.65	7.46
360.0	158.06	69.54	31.33	20.89	13.38	11.51	8.90	6.71	5.22

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	3.94	2.88	2.29	1.92	1.65	1.49	1.33	1.23	1.12
45.0	6.08	4.69	3.57	2.66	2.18	1.87	1.65	1.44	1.28
90.0	5.54	4.16	3.14	2.34	1.92	1.65	1.49	1.28	1.17
135.0	7.19	5.65	4.37	3.30	2.61	2.18	1.92	1.65	1.55
180.0	9.22	7.25	5.70	4.53	3.25	2.45	1.97	1.71	1.49
225.0	6.02	5.06	3.73	2.77	2.29	2.08	1.81	1.60	1.49
270.0	6.93	5.65	4.48	3.14	2.40	2.03	1.76	1.55	1.39
315.0	5.70	4.58	3.36	2.56	2.18	1.92	1.65	1.44	1.28
360.0	3.94	2.88	2.29	1.92	1.65	1.49	1.33	1.23	1.12

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	0.96	0.91	0.91	0.80	0.69	0.64	0.59	0.59	0.48
45.0	1.17	1.07	1.01	0.85	0.80	0.69	0.69	0.64	0.53
90.0	1.01	0.96	0.85	0.75	0.75	0.64	0.59	0.59	0.48
135.0	1.39	1.17	1.07	1.01	0.85	0.80	0.69	0.69	0.64
180.0	1.33	1.17	1.07	0.96	0.91	0.80	0.80	0.69	0.59
225.0	1.33	1.23	1.07	1.01	0.91	0.80	0.64	0.59	0.53
270.0	1.28	1.17	1.01	0.96	0.91	0.75	0.69	0.59	0.53
315.0	1.17	1.07	0.96	0.80	0.75	0.64	0.64	0.53	0.48
360.0	0.96	0.91	0.91	0.80	0.69	0.64	0.59	0.59	0.48

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.43	0.43	0.43	0.43	0.32	0.32	0.37	0.32	0.32
45.0	0.53	0.48	0.43	0.37	0.37	0.32	0.32	0.27	0.32
90.0	0.43	0.43	0.37	0.37	0.32	0.32	0.27	0.21	0.27
135.0	0.48	0.48	0.43	0.43	0.43	0.32	0.32	0.32	0.27
180.0	0.59	0.53	0.43	0.43	0.43	0.37	0.32	0.32	0.32
225.0	0.48	0.43	0.37	0.37	0.37	0.32	0.21	0.27	0.27
270.0	0.48	0.48	0.37	0.37	0.37	0.32	0.27	0.27	0.27
315.0	0.43	0.43	0.32	0.32	0.27	0.32	0.32	0.21	0.21
360.0	0.43	0.43	0.43	0.43	0.32	0.32	0.37	0.32	0.32

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.27	0.32	0.32	0.27	0.27	0.27	0.27	0.27	0.27
45.0	0.32	0.27	0.32	0.27	0.21	0.27	0.27	0.27	0.21
90.0	0.32	0.21	0.27	0.27	0.27	0.21	0.21	0.27	0.21
135.0	0.27	0.27	0.27	0.27	0.21	0.21	0.21	0.21	0.21
180.0	0.27	0.27	0.27	0.27	0.21	0.21	0.27	0.27	0.21
225.0	0.21	0.16	0.21	0.27	0.21	0.16	0.21	0.21	0.21
270.0	0.27	0.21	0.21	0.21	0.21	0.21	0.27	0.27	0.21
315.0	0.27	0.21	0.16	0.21	0.16	0.21	0.21	0.16	0.16
360.0	0.27	0.32	0.32	0.27	0.27	0.27	0.27	0.27	0.27

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.27	0.27	0.27	0.21	0.27	0.27	0.27	0.27	0.27
45.0	0.21	0.21	0.21	0.21	0.27	0.21	0.21	0.27	0.21
90.0	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
135.0	0.27	0.21	0.21	0.27	0.27	0.21	0.27	0.27	0.21
180.0	0.21	0.27	0.21	0.21	0.21	0.21	0.21	0.27	0.21
225.0	0.21	0.21	0.16	0.21	0.21	0.16	0.21	0.16	0.16
270.0	0.21	0.16	0.16	0.16	0.21	0.21	0.16	0.16	0.21
315.0	0.21	0.16	0.16	0.21	0.16	0.16	0.16	0.16	0.16
360.0	0.27	0.27	0.27	0.21	0.27	0.27	0.27	0.27	0.27

Intensity data(cd)

C/γ(°)	90.0
0.0	0.27
45.0	0.32
90.0	0.27
135.0	0.21
180.0	0.21
225.0	0.16
270.0	0.16
315.0	0.21
360.0	0.27