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

NT

Client: NT
LumCAT: 2-2940-L
Luminaire: 92.70.411.00 LED HOLDER
Report No: 20250318-B005
Ballast type: AC

Test No: 20250318-C005	Voltage(V): 35.990
LampCAT: LUMILEDS LUXEON COB 1208	Current(A): 0.897
Lamp flux(lm): 3990.4	Power (W): 32.280
Number of Lamps: 1	PF: 0.000
Length(mm): 75	Width(mm): 75
Phm Type: C	Height(mm): 52

Photometric Results

Lumens(lm): 3745.65, Efficiency(%): 93.87% , Luminous Efficacy(lm/W): 116.04
Central intensity(cd): 23037.960, Maximum intensity(cd): 23235.130
Angle of maximum intensity: C=180.0 γ=1.0
Beam Angle(50%Imax): [C0/180]Total=16.1
[C90/270]Total=15.9
Field angle(10%Imax): [C0/180]Total=44.1
[C90/270]Total=44.1
Maximum s/h(1/2): C0_180=0.33 C90_270=0.23
Maximum s/h(1/4): C0_180=0.34 C90_270=0.29
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 93.82%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 100.015%

Equipment: GMS 1800	Date: 2025/3/31	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	23132.551	0.000	0	0.00%	0.00%
1.0	22939.373	22.045	22.045	0.55%	0.59%
2.0	22387.156	65.057	87.101	1.63%	2.33%
3.0	21343.338	104.589	191.69	2.62%	5.12%
4.0	20021.746	138.462	330.153	3.47%	8.81%
5.0	18298.480	164.852	495.004	4.13%	13.22%
6.0	16336.076	182.014	677.018	4.56%	18.07%
7.0	13611.025	185.881	862.899	4.66%	23.04%
8.0	11815.552	181.973	1044.872	4.56%	27.90%
9.0	10710.784	182.564	1227.436	4.58%	32.77%
10.0	9036.479	178.705	1406.142	4.48%	37.54%
11.0	7762.181	167.853	1573.995	4.21%	42.02%
12.0	6737.548	158.503	1732.497	3.97%	46.25%
13.0	5909.155	150.084	1882.582	3.76%	50.26%
14.0	5211.922	142.349	2024.931	3.57%	54.06%
15.0	4663.035	135.568	2160.499	3.40%	57.68%
16.0	4164.840	129.353	2289.852	3.24%	61.13%
17.0	3707.545	122.594	2412.446	3.07%	64.41%
18.0	3354.166	116.432	2528.878	2.92%	67.52%
19.0	3051.012	111.437	2640.315	2.79%	70.49%
20.0	2737.534	105.946	2746.262	2.66%	73.32%
21.0	2563.209	101.785	2848.047	2.55%	76.04%
22.0	2345.120	98.635	2946.682	2.47%	78.67%
23.0	2077.071	92.790	3039.471	2.33%	81.15%
24.0	1844.860	85.747	3125.219	2.15%	83.44%
25.0	1662.208	79.743	3204.962	2.00%	85.56%
26.0	1499.541	74.633	3279.595	1.87%	87.56%
27.0	1342.215	69.524	3349.119	1.74%	89.41%
28.0	1173.712	63.698	3412.817	1.60%	91.11%
29.0	1089.940	59.224	3472.041	1.48%	92.70%
30.0	966.014	55.510	3527.551	1.39%	94.18%
31.0	821.325	49.739	3577.29	1.25%	95.51%
32.0	677.296	42.934	3620.224	1.08%	96.65%
33.0	541.093	35.894	3656.118	0.90%	97.61%
34.0	400.534	28.496	3684.615	0.71%	98.37%
35.0	274.743	20.972	3705.586	0.53%	98.93%
36.0	204.967	15.274	3720.86	0.38%	99.34%
37.0	124.059	10.731	3731.591	0.27%	99.62%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	35.937	5.340	3736.932	0.13%	99.77%
39.0	15.607	1.759	3738.691	0.04%	99.81%
40.0	9.612	0.880	3739.571	0.02%	99.84%
41.0	7.128	0.596	3740.167	0.01%	99.85%
42.0	5.895	0.473	3740.64	0.01%	99.87%
43.0	5.236	0.412	3741.052	0.01%	99.88%
44.0	4.603	0.371	3741.423	0.01%	99.89%
45.0	4.097	0.334	3741.758	0.01%	99.90%
46.0	3.664	0.303	3742.061	0.01%	99.90%
47.0	3.337	0.278	3742.34	0.01%	99.91%
48.0	3.038	0.258	3742.597	0.01%	99.92%
49.0	2.784	0.239	3742.837	0.01%	99.92%
50.0	2.585	0.224	3743.06	0.01%	99.93%
51.0	2.331	0.208	3743.268	0.01%	99.94%
52.0	2.145	0.192	3743.46	0.00%	99.94%
53.0	1.932	0.177	3743.638	0.00%	99.95%
54.0	1.719	0.161	3743.799	0.00%	99.95%
55.0	1.532	0.145	3743.944	0.00%	99.95%
56.0	1.359	0.131	3744.074	0.00%	99.96%
57.0	1.206	0.117	3744.192	0.00%	99.96%
58.0	1.086	0.106	3744.298	0.00%	99.96%
59.0	0.966	0.096	3744.394	0.00%	99.97%
60.0	0.886	0.087	3744.481	0.00%	99.97%
61.0	0.806	0.081	3744.562	0.00%	99.97%
62.0	0.753	0.075	3744.637	0.00%	99.97%
63.0	0.699	0.071	3744.708	0.00%	99.97%
64.0	0.613	0.064	3744.772	0.00%	99.98%
65.0	0.566	0.058	3744.83	0.00%	99.98%
66.0	0.533	0.055	3744.885	0.00%	99.98%
67.0	0.473	0.051	3744.936	0.00%	99.98%
68.0	0.446	0.047	3744.982	0.00%	99.98%
69.0	0.406	0.043	3745.026	0.00%	99.98%
70.0	0.400	0.041	3745.067	0.00%	99.98%
71.0	0.360	0.039	3745.106	0.00%	99.99%
72.0	0.313	0.035	3745.141	0.00%	99.99%
73.0	0.313	0.033	3745.174	0.00%	99.99%
74.0	0.293	0.032	3745.206	0.00%	99.99%
75.0	0.280	0.030	3745.236	0.00%	99.99%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	0.286	0.030	3745.266	0.00%	99.99%
77.0	0.253	0.029	3745.295	0.00%	99.99%
78.0	0.273	0.028	3745.323	0.00%	99.99%
79.0	0.253	0.028	3745.352	0.00%	99.99%
80.0	0.240	0.027	3745.378	0.00%	99.99%
81.0	0.233	0.026	3745.404	0.00%	99.99%
82.0	0.260	0.027	3745.43	0.00%	99.99%
83.0	0.246	0.028	3745.458	0.00%	99.99%
84.0	0.260	0.028	3745.486	0.00%	100.00%
85.0	0.233	0.027	3745.512	0.00%	100.00%
86.0	0.240	0.026	3745.538	0.00%	100.00%
87.0	0.240	0.026	3745.565	0.00%	100.00%
88.0	0.246	0.027	3745.591	0.00%	100.00%
89.0	0.253	0.027	3745.619	0.00%	100.00%
90.0	0.246	0.027	3745.646	0.00%	100.00%

Zonal flux distribution table

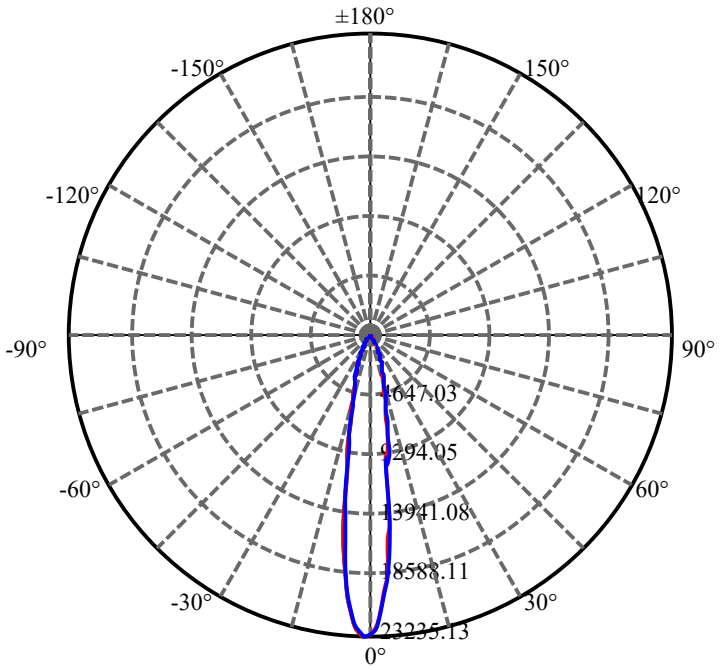
ZONAL LUMEN SUMMARY

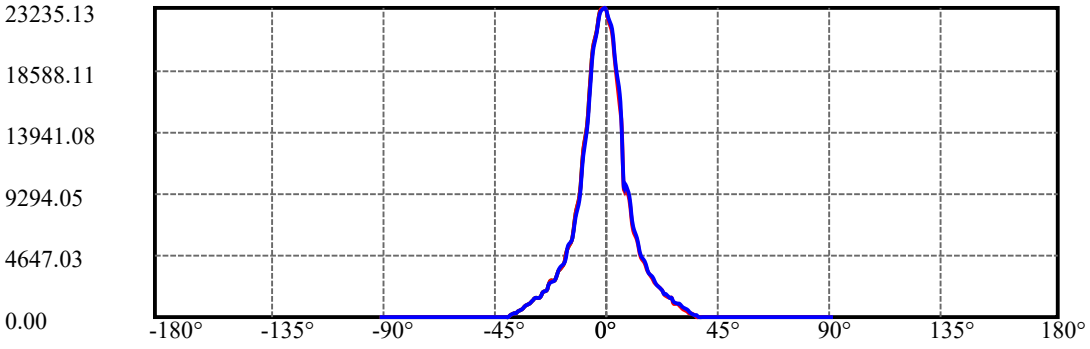
Zone	Lumens	%Lamp	%Fixt
0-30	3527.55	88.40%	94.18%
0-40	3739.57	93.71%	99.84%
0-60	3744.48	93.84%	99.97%
0-90	3745.62	93.87%	100.00%
0-120	3745.62	93.87%	100.00%
0-180	3745.65	93.87%	100.00%
60-90	1.14	0.03%	0.03%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-22.54	2996.52	75.09%	80.00%

ZONAL LUMEN SUMMARY

0-10	1406.14
10-20	1340.12
20-30	781.29
30-40	212.02
40-50	3.49
50-60	1.42
60-70	0.59
70-80	0.31
80-90	0.24
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):

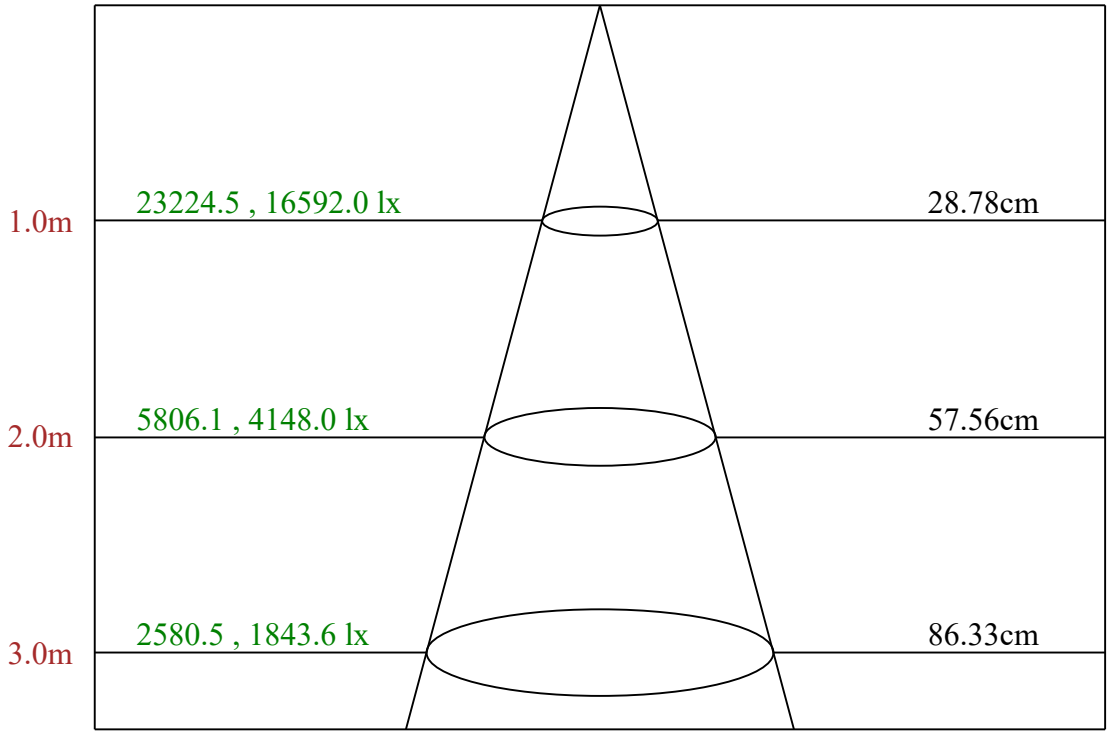
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:22.4 Right:21.7
:C90/270Left:22.3 Right:21.8

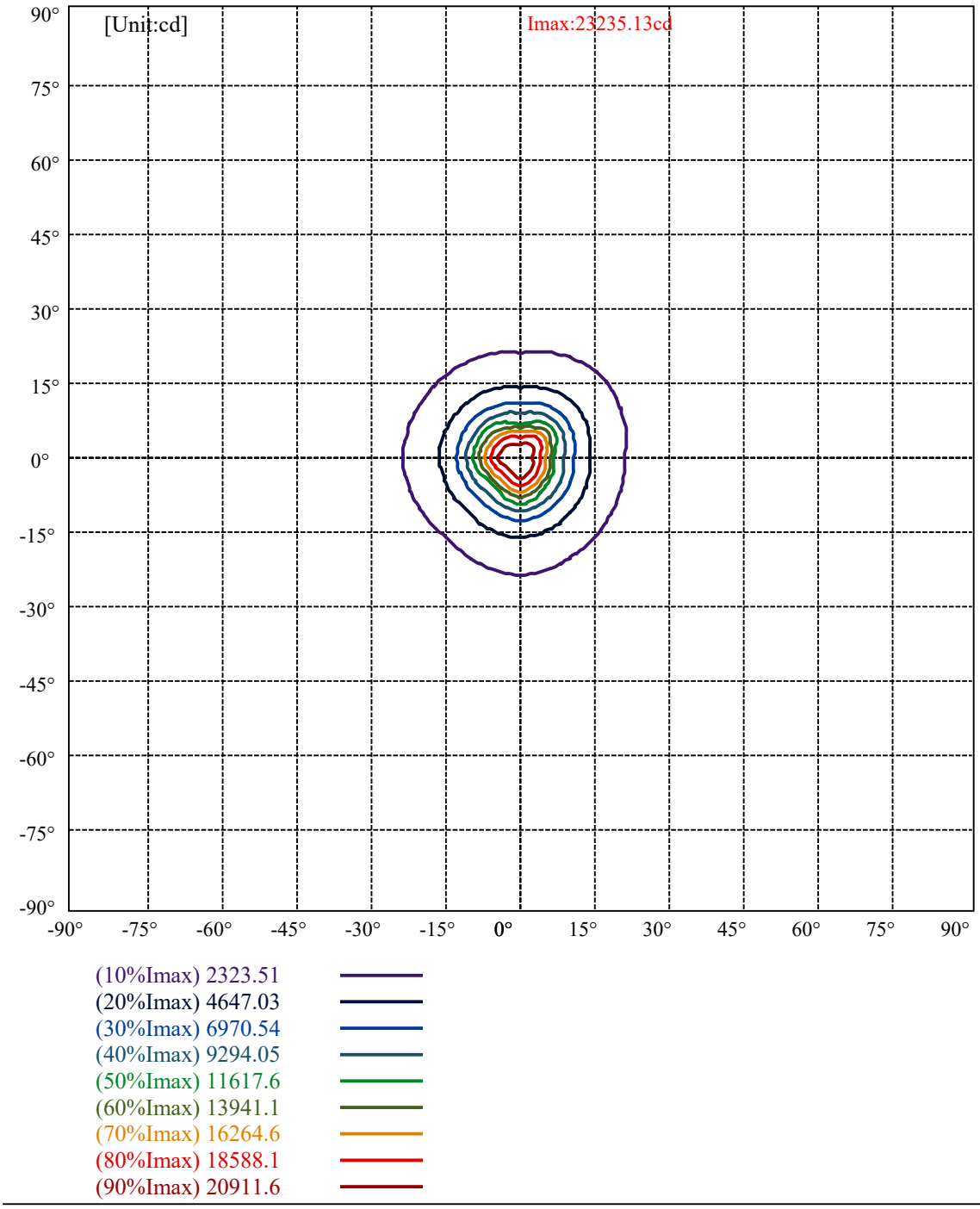
Beam Angle(50%Imax):C0/180Left:8.5 Right:7.6
:C90/270Left:8.3 Right:7.6

Lux distance Curve



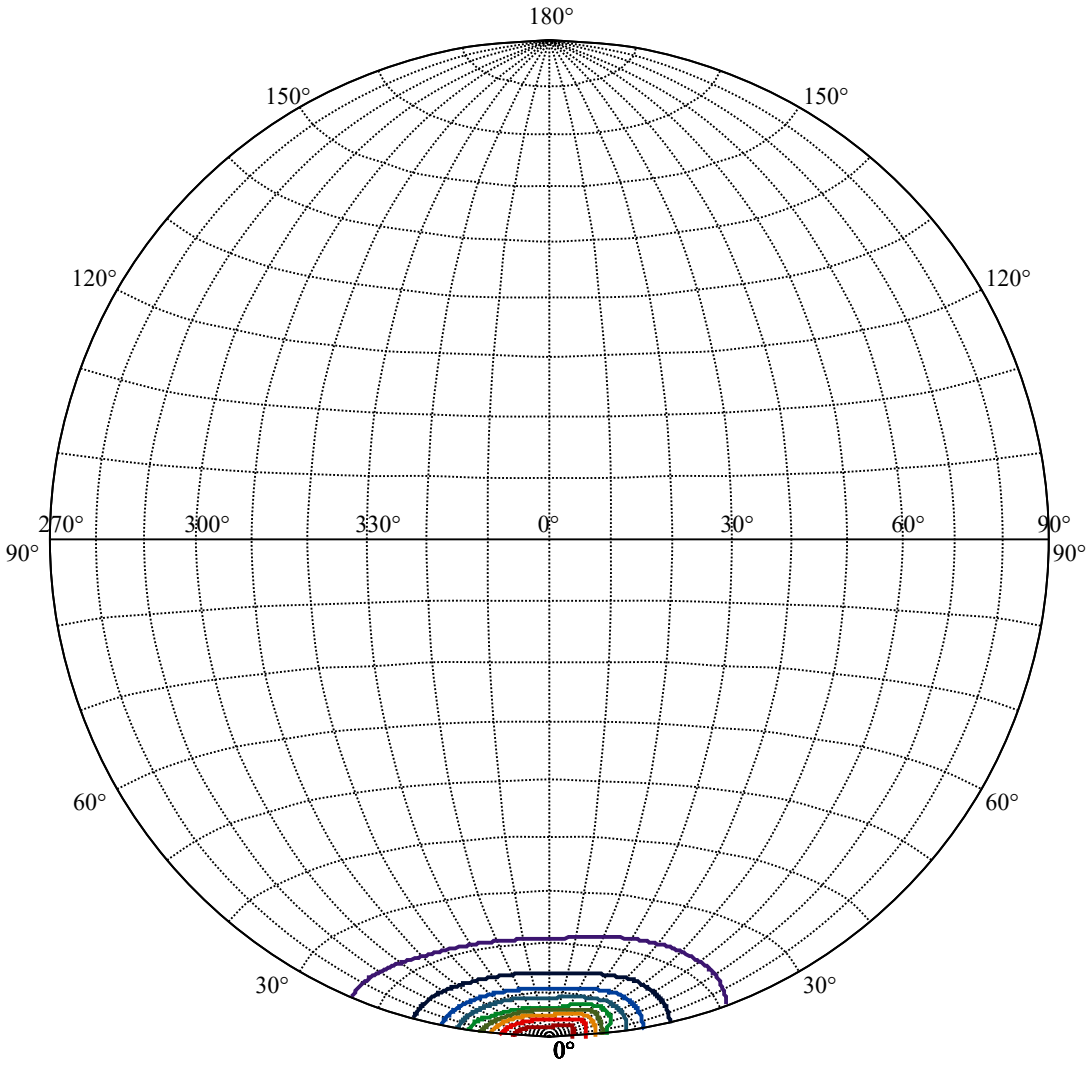
Max , Ave

Beam angle of C180 plane 16.38



Equipment: GMS 1800
Temperature(°C): 25.0
Date: 2025/3/31
Humidity(%): 60.0%
Operator: NT
Distance(m): 7.30

ISO candela diagram on circular web



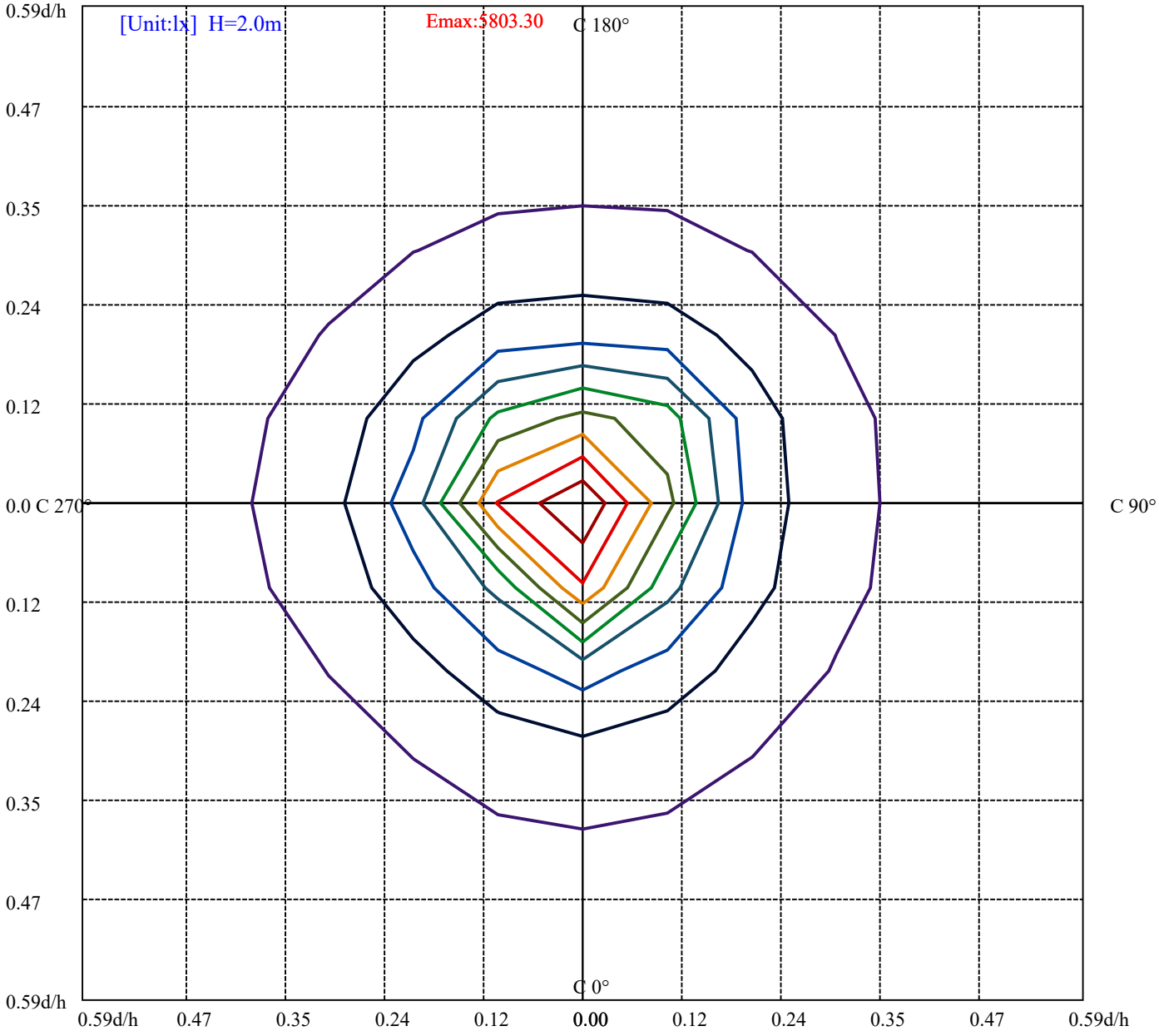
House [Unit:cd] Road

Imax:23235.13

(10%Imax) 2323.44
(20%Imax) 4646.89
(30%Imax) 6970.33
(40%Imax) 9293.78
(50%Imax) 11617.2
(60%Imax) 13940.7
(70%Imax) 16264.1
(80%Imax) 18587.6
(90%Imax) 20911

NT NT 2-2940-L

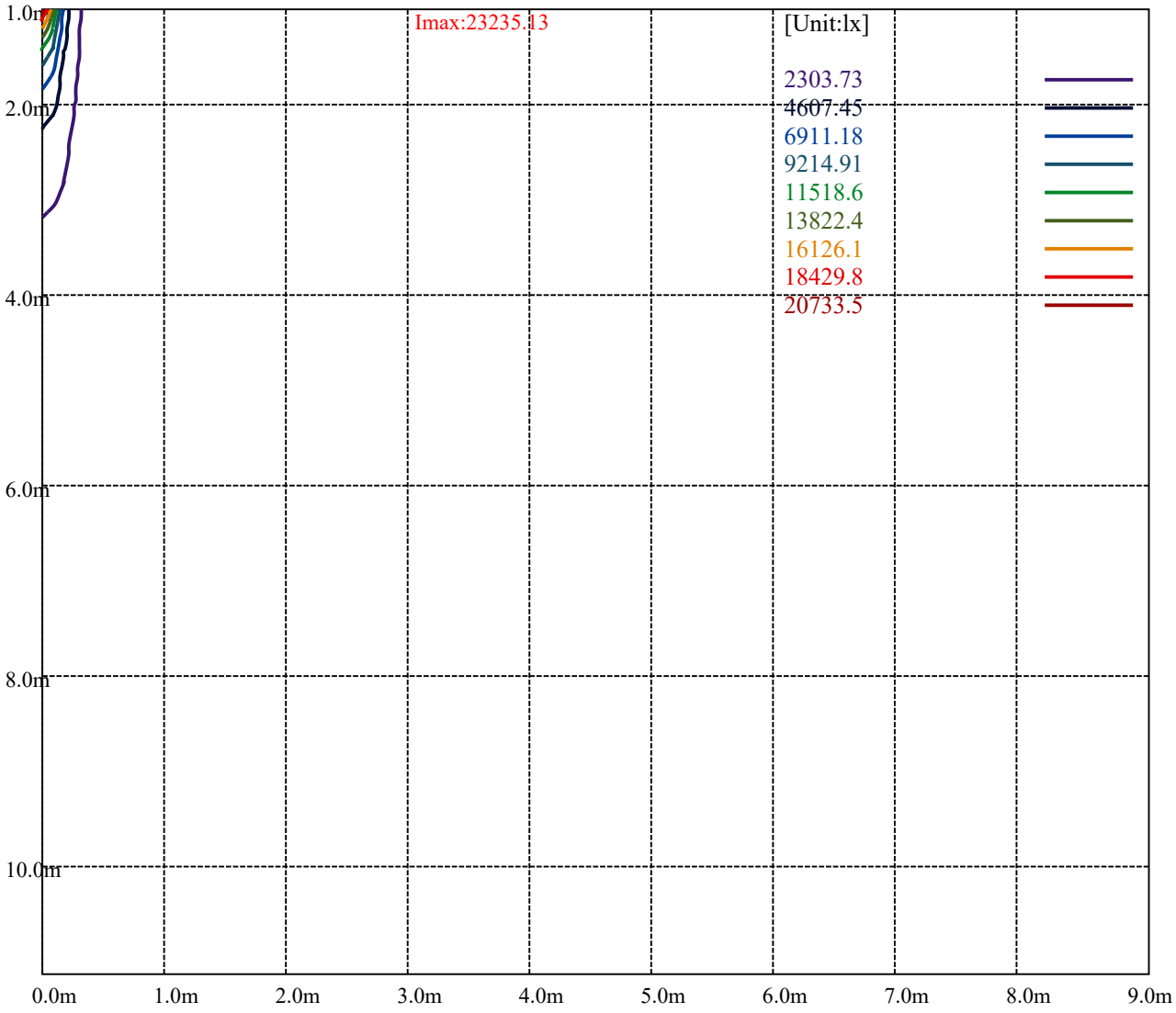
ISO illuminance diagram



Equipment: GMS 1800 Date: 2025/3/31 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: 2025/3/31
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.30

NT NT 2-2940-L

Luminance Limitting Curve(no luminous side)

Luminance Table

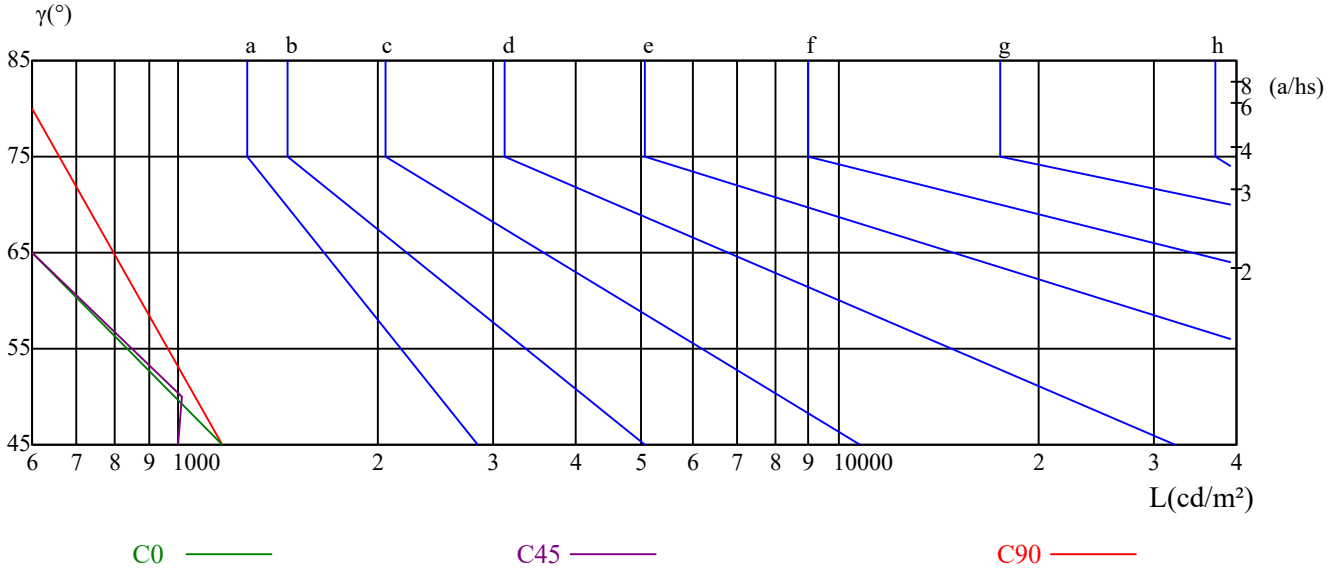
γ	45	50	55	60	65	70	75	80	85
C0	1161	0	0	0	148	114	92	84	93
C45	1000	1009	0	0	119	91	72	63	68
C90	1161	0	0	0	0	0	0	84	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
175	0	87	156	0	78	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



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/3/31
Humidity(%): 60.0%

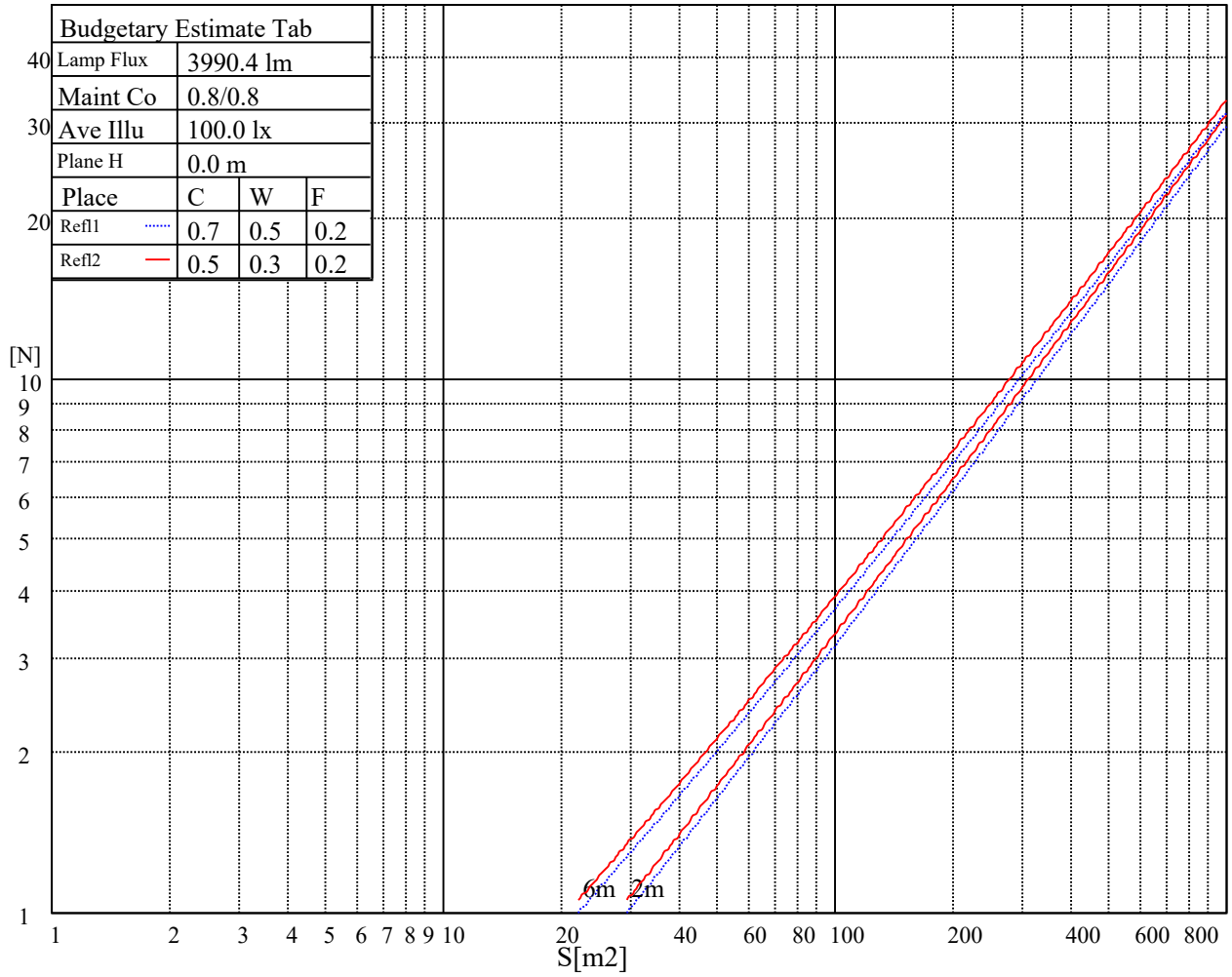
Operator: NT
Distance(m): 7.30

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	11.95	12.83	12.31	13.14	13.45	12.21	13.09	12.58	13.40	13.71
	3H	11.72	12.50	12.11	12.84	13.19	11.99	12.76	12.37	13.10	13.45
	4H	11.61	12.33	12.01	12.68	13.05	11.87	12.59	12.27	12.95	13.31
	6H	11.51	12.17	11.93	12.55	12.95	11.77	12.43	12.19	12.81	13.21
	8H	11.43	12.06	11.86	12.44	12.85	11.69	12.32	12.12	12.70	13.11
	12H	11.36	11.95	11.79	12.34	12.76	11.62	12.21	12.05	12.60	13.02
4H	2H	11.61	12.33	12.01	12.68	13.05	11.87	12.59	12.27	12.95	13.31
	3H	11.34	11.94	11.77	12.34	12.76	11.60	12.20	12.03	12.60	13.02
	4H	11.25	11.77	11.69	12.20	12.65	11.51	12.03	11.95	12.46	12.91
	6H	11.10	11.56	11.58	12.01	12.46	11.36	11.82	11.84	12.27	12.73
	8H	11.04	11.46	11.52	11.92	12.39	11.30	11.72	11.79	12.18	12.65
	12H	10.98	11.37	11.47	11.82	12.34	11.24	11.63	11.73	12.08	12.60
8H	4H	11.04	11.45	11.52	11.92	12.39	11.30	11.72	11.79	12.18	12.65
	6H	10.87	11.21	11.38	11.69	12.21	11.13	11.47	11.64	11.95	12.47
	8H	10.85	11.13	11.39	11.65	12.15	11.11	11.39	11.65	11.92	12.41
	12H	10.79	11.00	11.34	11.52	12.04	11.05	11.26	11.60	11.78	12.30
12H	4H	10.98	11.36	11.47	11.82	12.34	11.24	11.63	11.73	12.08	12.60
	6H	10.85	11.13	11.39	11.65	12.15	11.11	11.39	11.65	11.91	12.41
	8H	10.79	11.00	11.34	11.52	12.04	11.05	11.26	11.60	11.78	12.30

Variation with the observer position at spacings:		
S = 1.0H	6.5/-24.2	6.5/-23.7
S = 1.5H	9.4/-25.2	9.3/-24.4
S = 2.0H	11.4/-25.3	11.3/-24.2
Standard tables:	BK0	BK0
Uncorrected UGR	-7.0	-7.3

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

Budgetary Estimate Table



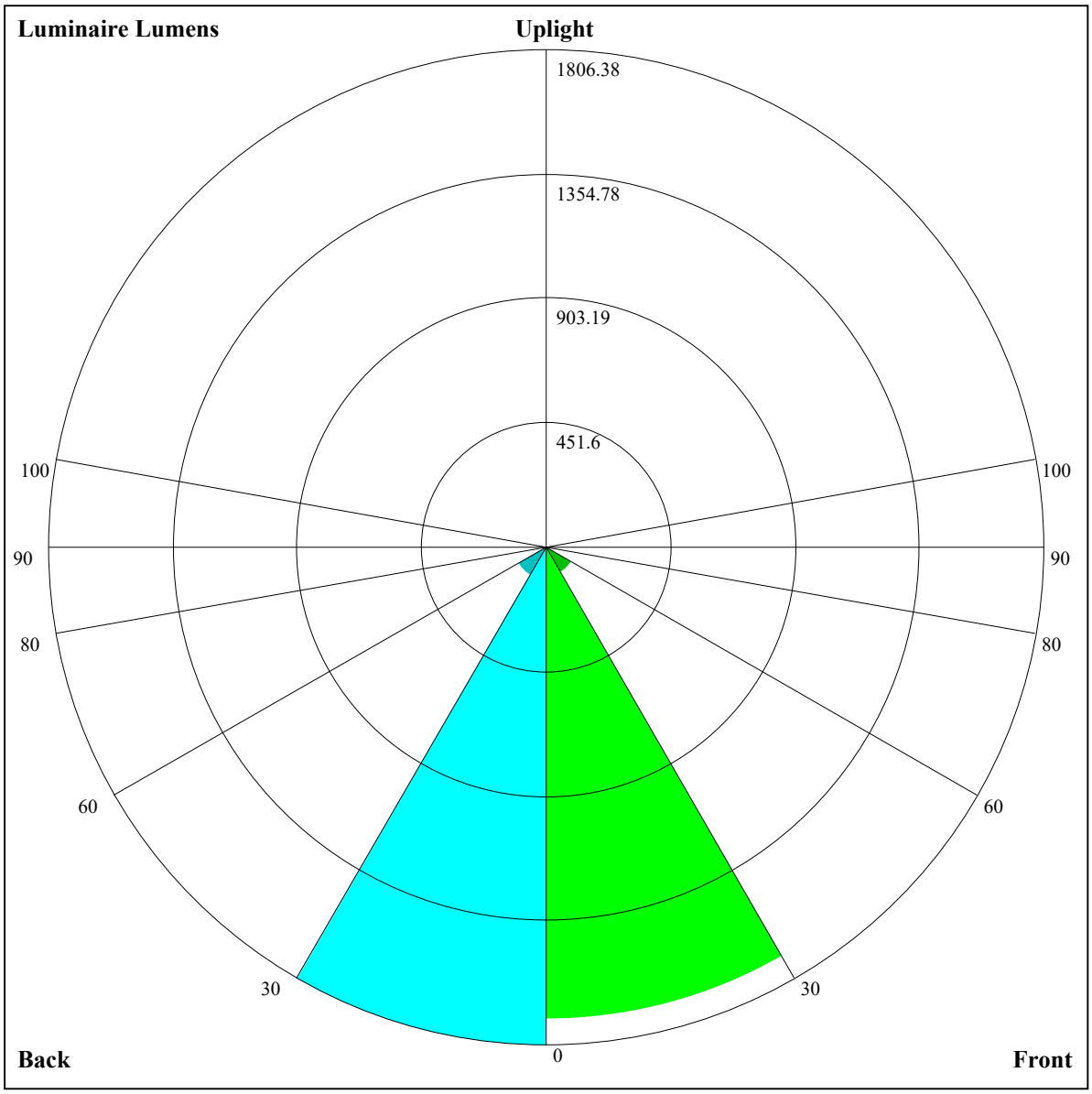
Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/3/31
Humidity(%): 60.0%

Operator: NT
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	1.12	1.12	1.12	1.09	1.09	1.09	1.04	1.04	1.04	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.06	1.04	1.03	1.04	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91
2	1.01	0.98	0.96	0.99	0.97	0.95	0.96	0.94	0.93	0.94	0.92	0.91	0.91	0.90	0.89	0.88
3	0.97	0.93	0.90	0.95	0.92	0.90	0.93	0.90	0.88	0.91	0.89	0.87	0.89	0.87	0.86	0.85
4	0.93	0.89	0.86	0.92	0.88	0.86	0.90	0.87	0.85	0.88	0.86	0.84	0.87	0.85	0.83	0.82
5	0.89	0.85	0.83	0.88	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.81	0.84	0.82	0.80	0.79
6	0.86	0.82	0.79	0.85	0.82	0.79	0.84	0.81	0.79	0.83	0.80	0.78	0.82	0.80	0.78	0.77
7	0.83	0.79	0.77	0.83	0.79	0.76	0.82	0.78	0.76	0.81	0.78	0.76	0.80	0.77	0.75	0.74
8	0.81	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.72
9	0.78	0.74	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.76	0.73	0.71	0.76	0.73	0.71	0.70
10	0.76	0.72	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.74	0.71	0.69	0.68



Luminaire Lumens:
FL=1714.79,FM=102.2,FH=0.45,FVH=0.13
BL=1806.38,BM=117.61,BH=0.45,BVH=0.13
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	23037.96	22425.12	21407.29	19899.18	18433.70	15939.73	14282.41	9764.49	9764.49
45.0	23213.82	23165.86	22920.72	21801.63	20410.76	19355.62	17351.92	15241.63	13184.64
90.0	23075.26	22574.34	21631.10	20197.60	18737.46	16685.79	14170.50	9992.03	9992.03
135.0	23203.16	23096.58	22611.64	21721.70	20394.78	18668.18	16691.12	14655.44	12609.11
180.0	23037.96	23235.13	23048.62	22489.07	21551.17	20224.25	18486.99	16515.26	14484.91
225.0	23213.82	22894.08	22238.61	21140.84	19680.69	17874.16	15891.77	13856.09	10138.58
270.0	23075.26	23213.82	22984.67	22355.85	21338.01	19877.86	18076.66	16088.94	14074.58
315.0	23203.16	22910.06	22254.60	21140.84	19627.40	17762.25	15737.23	12774.31	10276.07
360.0	23037.96	22425.12	21407.29	19899.18	18433.70	15939.73	14282.41	9764.49	9764.49

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	8836.17	7546.02	6542.04	5750.15	5088.82	4531.41	4055.00	3645.20	3280.16
45.0	11244.88	9534.27	8159.39	7050.96	6155.69	5425.61	4807.45	4290.54	3832.24
90.0	9068.52	7769.84	6725.89	5894.57	5209.79	4614.01	4116.81	3695.29	3320.66
135.0	11463.37	9118.61	7765.05	7088.26	6161.02	5398.97	4791.46	4269.22	3821.59
180.0	12507.86	10648.03	9059.99	7733.07	6677.93	5841.28	5153.84	4796.79	4082.71
225.0	10138.58	8652.32	7659.53	6450.91	5828.49	5162.90	4596.42	4105.09	3683.56
270.0	12150.81	10328.29	8745.58	7498.60	6512.73	5718.71	5313.71	4514.36	4040.07
315.0	10276.07	8694.42	7439.98	6433.86	5638.77	5002.49	4469.59	4002.24	3599.37
360.0	8836.17	7546.02	6542.04	5750.15	5088.82	4531.41	4055.00	3645.20	3280.16

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2956.16	2667.86	2418.99	2280.44	2065.68	1777.91	1655.88	1500.27	1378.77
45.0	3437.90	3091.51	2787.76	2787.76	2670.52	2130.69	1838.13	1716.10	1540.24
90.0	2987.60	2801.08	2432.85	2291.10	2074.74	1789.64	1669.74	1508.27	1387.30
135.0	3432.57	3091.51	2787.76	2787.76	2264.98	2049.69	1920.20	1636.16	1489.08
180.0	3661.72	3443.23	3091.51	2782.43	2670.52	2479.21	2083.80	1865.31	1659.08
225.0	3313.20	2978.54	2675.85	2421.66	2196.77	1979.35	1773.65	1578.08	1447.52
270.0	3794.94	3411.25	3064.87	2755.79	2643.88	2449.90	2058.75	1853.59	1653.75
315.0	3249.25	2923.12	2640.68	2398.74	2173.86	1960.17	1758.73	1639.89	1440.59
360.0	2956.16	2667.86	2418.99	2280.44	2065.68	1777.91	1655.88	1500.27	1378.77

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1042.09	1042.09	926.29	783.42	641.45	497.46	358.27	234.26	123.90
45.0	1415.54	1284.98	1140.57	996.15	854.93	714.78	570.36	431.81	298.58
90.0	1208.24	1013.36	952.99	811.29	669.38	524.43	384.91	255.58	143.30
135.0	1415.54	1243.42	1154.95	1010.54	863.46	720.64	575.69	434.47	307.64
180.0	1504.00	1392.63	1265.80	1114.99	967.91	825.09	706.79	562.90	399.30
225.0	1342.00	998.07	998.07	968.44	819.76	673.27	531.62	392.59	268.53
270.0	1492.28	1380.90	1246.61	1099.53	952.45	805.37	689.73	518.14	408.89
315.0	1318.02	1034.25	1034.25	943.77	801.27	657.33	511.37	374.52	247.80
360.0	1042.09	1042.09	926.29	783.42	641.45	497.46	358.27	234.26	123.90

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	71.52	14.39	11.19	8.95	6.34	5.97	5.28	4.64	4.05
45.0	298.58	166.80	31.81	14.92	11.30	7.51	6.61	5.97	5.33
90.0	88.99	19.93	13.70	11.19	6.82	6.08	5.49	4.80	4.10
135.0	307.64	92.09	30.06	14.92	10.92	6.82	6.02	5.33	4.80
180.0	295.92	295.92	86.22	28.19	13.38	9.65	6.34	5.70	5.01
225.0	158.54	70.56	22.17	12.26	8.58	6.34	5.65	5.01	4.42
270.0	279.93	279.93	76.68	23.71	11.83	8.58	6.23	5.54	4.90
315.0	138.61	52.86	15.67	10.71	7.73	6.08	5.54	4.90	4.21
360.0	71.52	14.39	11.19	8.95	6.34	5.97	5.28	4.64	4.05

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	3.73	3.30	3.04	2.82	2.61	2.45	2.18	2.03	1.81
45.0	4.69	4.26	3.94	3.57	3.36	3.09	2.88	2.66	2.40
90.0	3.73	3.36	3.09	2.77	2.50	2.34	2.13	1.97	1.71
135.0	4.21	3.84	3.52	3.09	2.82	2.61	2.40	2.18	1.97
180.0	4.42	3.84	3.41	3.25	2.82	2.66	2.45	2.13	2.03
225.0	3.84	3.52	3.20	2.88	2.72	2.45	2.18	2.03	1.81
270.0	4.32	3.78	3.41	3.09	2.82	2.66	2.29	2.18	1.97
315.0	3.84	3.41	3.09	2.82	2.61	2.40	2.13	1.97	1.76
360.0	3.73	3.30	3.04	2.82	2.61	2.45	2.18	2.03	1.81

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	1.55	1.33	1.23	1.12	0.96	0.91	0.80	0.69	0.75
45.0	2.08	1.81	1.55	1.28	1.17	1.01	0.96	0.85	0.85
90.0	1.55	1.39	1.23	1.07	1.01	0.91	0.80	0.80	0.69
135.0	1.81	1.60	1.44	1.28	1.17	1.01	0.91	0.85	0.80
180.0	1.81	1.71	1.49	1.33	1.17	1.07	1.01	0.91	0.80
225.0	1.65	1.49	1.33	1.23	1.07	0.91	0.85	0.80	0.69
270.0	1.76	1.60	1.44	1.28	1.17	1.07	0.96	0.85	0.80
315.0	1.55	1.33	1.17	1.07	0.96	0.85	0.80	0.69	0.64
360.0	1.55	1.33	1.23	1.12	0.96	0.91	0.80	0.69	0.75

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	0.69	0.64	0.59	0.53	0.53	0.48	0.43	0.43	0.43
45.0	0.80	0.69	0.59	0.59	0.53	0.48	0.43	0.43	0.43
90.0	0.64	0.53	0.53	0.53	0.43	0.43	0.37	0.37	0.32
135.0	0.75	0.64	0.59	0.53	0.48	0.48	0.43	0.43	0.37
180.0	0.75	0.69	0.64	0.59	0.48	0.43	0.43	0.37	0.32
225.0	0.64	0.59	0.53	0.48	0.43	0.43	0.37	0.37	0.37
270.0	0.75	0.64	0.59	0.53	0.53	0.48	0.43	0.43	0.37
315.0	0.59	0.48	0.48	0.48	0.37	0.37	0.37	0.37	0.27
360.0	0.69	0.64	0.59	0.53	0.53	0.48	0.43	0.43	0.43

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	0.37	0.37	0.32	0.32	0.32	0.27	0.32	0.32	0.27
45.0	0.37	0.32	0.32	0.32	0.32	0.27	0.27	0.27	0.27
90.0	0.27	0.32	0.27	0.27	0.27	0.27	0.27	0.27	0.27
135.0	0.32	0.32	0.32	0.32	0.32	0.27	0.32	0.27	0.27
180.0	0.32	0.32	0.32	0.27	0.27	0.21	0.27	0.21	0.21
225.0	0.27	0.27	0.27	0.27	0.27	0.21	0.27	0.27	0.21
270.0	0.32	0.32	0.27	0.27	0.32	0.27	0.27	0.27	0.27
315.0	0.27	0.27	0.27	0.21	0.21	0.27	0.21	0.16	0.16
360.0	0.37	0.37	0.32	0.32	0.32	0.27	0.32	0.32	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	0.32	0.27	0.32	0.27	0.27	0.32	0.32	0.32
45.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.32
90.0	0.21	0.27	0.27	0.27	0.21	0.21	0.27	0.27	0.27
135.0	0.27	0.32	0.27	0.32	0.27	0.27	0.27	0.32	0.27
180.0	0.21	0.27	0.21	0.27	0.21	0.21	0.21	0.21	0.21
225.0	0.16	0.21	0.21	0.21	0.21	0.21	0.16	0.21	0.21
270.0	0.27	0.21	0.27	0.21	0.21	0.21	0.21	0.16	0.21
315.0	0.21	0.21	0.21	0.21	0.21	0.27	0.21	0.21	0.21
360.0	0.27	0.32	0.27	0.32	0.27	0.27	0.32	0.32	0.32

Intensity data(cd)

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