NATA LIGHTING CO.,LTD.
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Address:Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

Nata

Client: NT
LumCAT: 3-3206-A
Luminaire: 92.70.121.00
Report No: 20260325-B002
Ballast type: DC

Test No: 20260325-C002	Voltage(V): 35.680
LampCAT: CITIZEN CLU038	Current(A): 0.711
Lamp flux(lm): 3692.0	Power (W): 25.360
Number of Lamps: 1	PF: 0.000
Length(mm): 65	Width(mm): 65
Phm Type: C	Height(mm): 34

Photometric Results

Lumens(lm): 3335.90, Efficiency(%): 90.35% , Luminous Efficacy(lm/W): 131.54
Central intensity(cd): 15235.870, Maximum intensity(cd): 15235.870
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=19.6
[C90/270]Total=19.6
Field angle(10%Imax): [C0/180]Total=46.2
[C90/270]Total=46.2
Maximum s/h(1/2): C0_180=0.33 C90_270=0.33
Maximum s/h(1/4): C0_180=0.34 C90_270=0.34
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.35%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.326%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	15235.873	0.000	0	0.00%	0.00%
1.0	15117.041	14.523	14.523	0.39%	0.44%
2.0	14791.068	42.927	57.45	1.16%	1.72%
3.0	14241.172	69.436	126.886	1.88%	3.80%
4.0	13586.918	93.149	220.035	2.52%	6.60%
5.0	12767.160	113.374	333.409	3.07%	9.99%
6.0	11792.387	129.067	462.476	3.50%	13.86%
7.0	10750.069	139.921	602.397	3.79%	18.06%
8.0	9604.024	145.670	748.067	3.95%	22.42%
9.0	8506.748	146.778	894.845	3.98%	26.82%
10.0	7342.558	143.430	1038.275	3.88%	31.12%
11.0	6373.658	137.053	1175.329	3.71%	35.23%
12.0	5370.042	128.375	1303.704	3.48%	39.08%
13.0	4635.239	118.737	1422.442	3.22%	42.64%
14.0	3930.432	109.640	1532.081	2.97%	45.93%
15.0	3414.203	100.830	1632.912	2.73%	48.95%
16.0	2973.803	93.602	1726.514	2.54%	51.76%
17.0	2596.228	86.740	1813.254	2.35%	54.36%
18.0	2317.871	81.023	1894.277	2.19%	56.78%
19.0	2036.336	75.754	1970.031	2.05%	59.06%
20.0	1824.800	70.670	2040.701	1.91%	61.17%
21.0	1724.019	68.145	2108.845	1.85%	63.22%
22.0	1627.569	67.352	2176.197	1.82%	65.24%
23.0	1530.910	66.273	2242.47	1.80%	67.22%
24.0	1448.441	65.139	2307.61	1.76%	69.18%
25.0	1389.267	64.523	2372.133	1.75%	71.11%
26.0	1337.843	64.374	2436.507	1.74%	73.04%
27.0	1295.251	64.419	2500.926	1.74%	74.97%
28.0	1258.584	64.658	2565.584	1.75%	76.91%
29.0	1227.361	65.039	2630.623	1.76%	78.86%
30.0	1198.759	65.505	2696.128	1.77%	80.82%
31.0	1162.984	65.724	2761.852	1.78%	82.79%
32.0	1120.329	65.414	2827.266	1.77%	84.75%
33.0	1057.284	64.153	2891.419	1.74%	86.68%
34.0	976.923	61.561	2952.98	1.67%	88.52%
35.0	883.390	57.774	3010.755	1.56%	90.25%
36.0	791.125	53.317	3064.072	1.44%	91.85%
37.0	679.541	47.965	3112.036	1.30%	93.29%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	576.075	41.911	3153.947	1.14%	94.55%
39.0	464.417	35.515	3189.462	0.96%	95.61%
40.0	381.540	29.504	3218.966	0.80%	96.49%
41.0	310.388	24.639	3243.605	0.67%	97.23%
42.0	223.839	19.409	3263.015	0.53%	97.82%
43.0	115.077	12.554	3275.569	0.34%	98.19%
44.0	74.005	7.136	3282.705	0.19%	98.41%
45.0	49.221	4.736	3287.441	0.13%	98.55%
46.0	38.618	3.435	3290.876	0.09%	98.65%
47.0	33.006	2.849	3293.725	0.08%	98.74%
48.0	27.752	2.456	3296.181	0.07%	98.81%
49.0	23.536	2.106	3298.287	0.06%	98.87%
50.0	20.725	1.845	3300.133	0.05%	98.93%
51.0	19.193	1.689	3301.822	0.05%	98.98%
52.0	18.050	1.598	3303.42	0.04%	99.03%
53.0	17.033	1.526	3304.946	0.04%	99.07%
54.0	16.005	1.456	3306.402	0.04%	99.12%
55.0	14.809	1.375	3307.778	0.04%	99.16%
56.0	13.708	1.289	3309.066	0.03%	99.20%
57.0	12.575	1.202	3310.268	0.03%	99.23%
58.0	11.663	1.121	3311.389	0.03%	99.27%
59.0	10.740	1.047	3312.436	0.03%	99.30%
60.0	9.869	0.974	3313.41	0.03%	99.33%
61.0	9.209	0.910	3314.32	0.02%	99.35%
62.0	8.642	0.860	3315.18	0.02%	99.38%
63.0	8.275	0.823	3316.003	0.02%	99.40%
64.0	7.971	0.797	3316.8	0.02%	99.43%
65.0	7.772	0.779	3317.579	0.02%	99.45%
66.0	7.646	0.769	3318.349	0.02%	99.47%
67.0	7.552	0.764	3319.113	0.02%	99.50%
68.0	7.468	0.761	3319.874	0.02%	99.52%
69.0	7.415	0.759	3320.633	0.02%	99.54%
70.0	7.363	0.759	3321.392	0.02%	99.57%
71.0	7.289	0.757	3322.149	0.02%	99.59%
72.0	7.258	0.756	3322.906	0.02%	99.61%
73.0	7.205	0.756	3323.662	0.02%	99.63%
74.0	7.121	0.753	3324.415	0.02%	99.66%
75.0	7.048	0.749	3325.164	0.02%	99.68%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.996	0.745	3325.909	0.02%	99.70%
77.0	6.943	0.743	3326.652	0.02%	99.72%
78.0	6.891	0.741	3327.393	0.02%	99.75%
79.0	6.828	0.737	3328.13	0.02%	99.77%
80.0	6.796	0.735	3328.865	0.02%	99.79%
81.0	6.744	0.732	3329.597	0.02%	99.81%
82.0	6.670	0.727	3330.324	0.02%	99.83%
83.0	6.618	0.722	3331.047	0.02%	99.85%
84.0	6.555	0.718	3331.764	0.02%	99.88%
85.0	6.461	0.710	3332.475	0.02%	99.90%
86.0	6.345	0.700	3333.175	0.02%	99.92%
87.0	6.282	0.691	3333.866	0.02%	99.94%
88.0	6.230	0.685	3334.551	0.02%	99.96%
89.0	6.146	0.678	3335.229	0.02%	99.98%
90.0	6.052	0.669	3335.898	0.02%	100.00%

Zonal flux distribution table

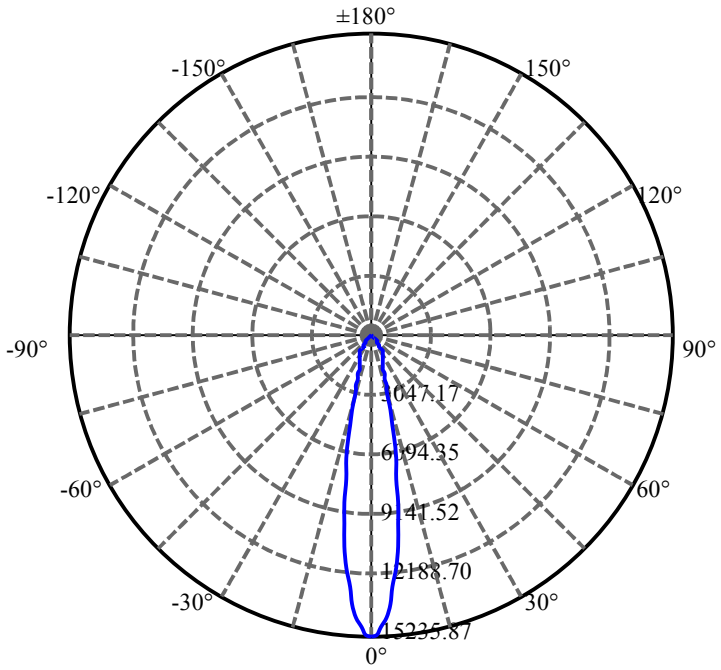
ZONAL LUMEN SUMMARY

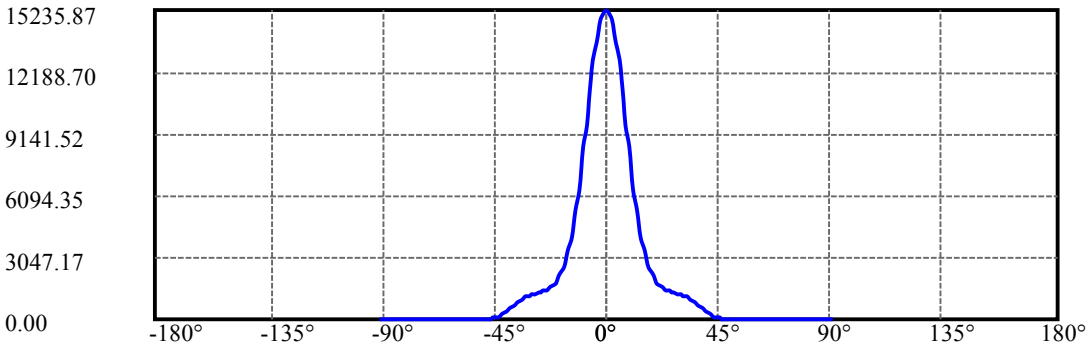
Zone	Lumens	%Lamp	%Fixt
0-30	2696.13	73.03%	80.82%
0-40	3218.97	87.19%	96.49%
0-60	3313.41	89.75%	99.33%
0-90	3335.23	90.34%	99.98%
0-120	3335.23	90.34%	99.98%
0-180	3335.90	90.35%	100.00%
60-90	21.82	0.59%	0.65%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-29.58	2668.72	72.28%	80.00%

ZONAL LUMEN SUMMARY

0-10	1038.28
10-20	1002.43
20-30	655.43
30-40	522.84
40-50	81.17
50-60	13.28
60-70	7.98
70-80	7.47
80-90	6.36
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]



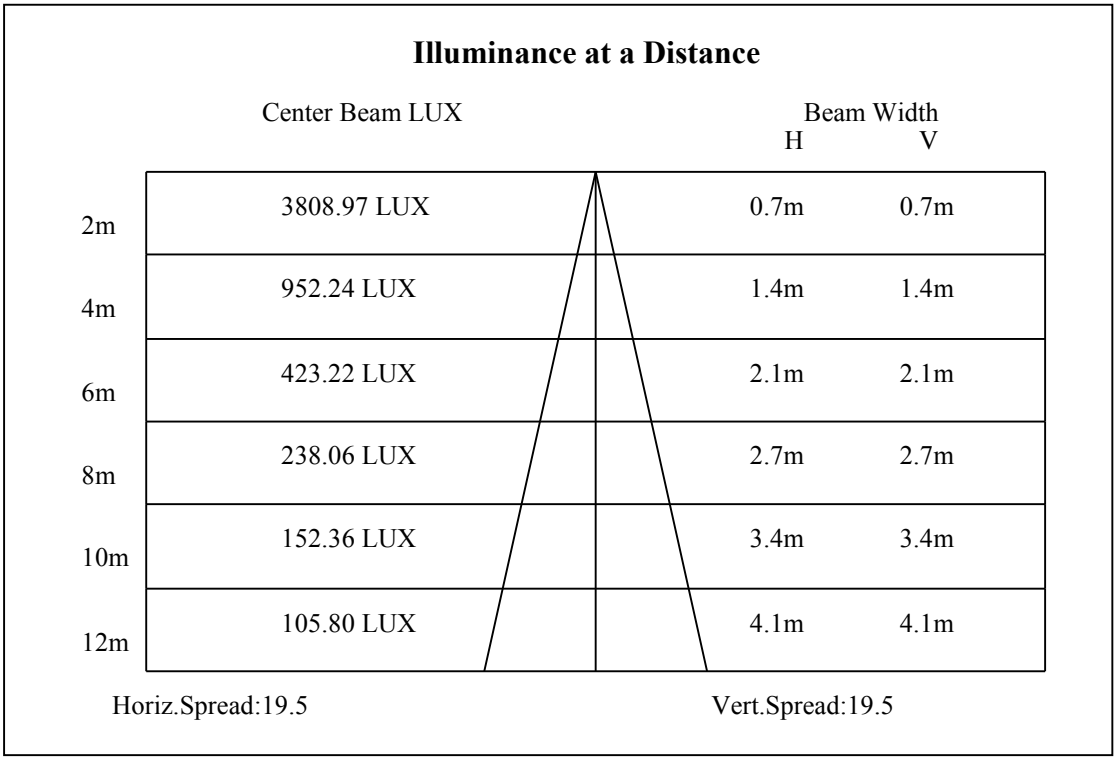


C90/C270:

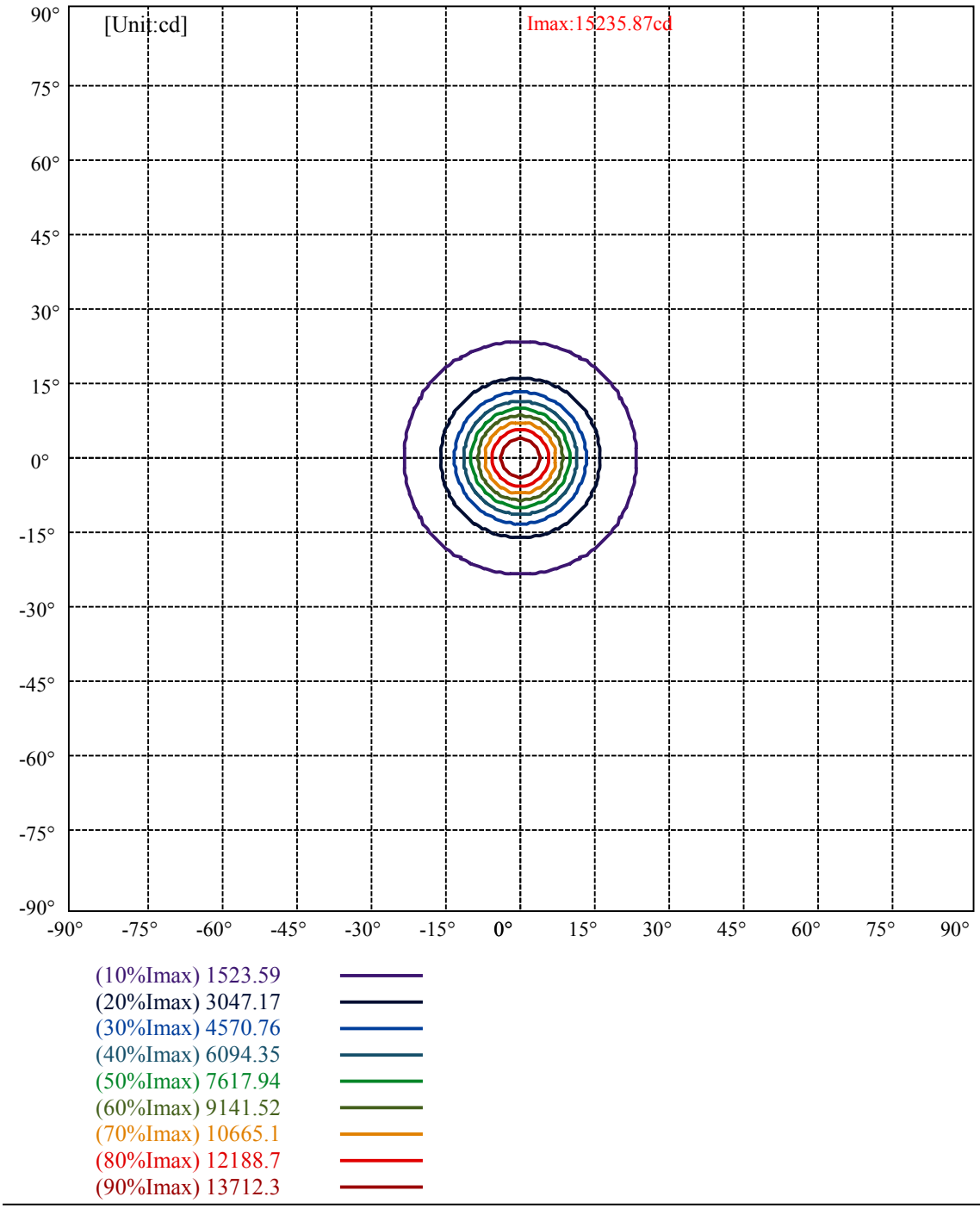
Field angle(10%Imax):C90/270Left:23.1 Right:23.1

Beam Angle(50%Imax):C90/270Left:9.8 Right:9.8

Lux distance Curve

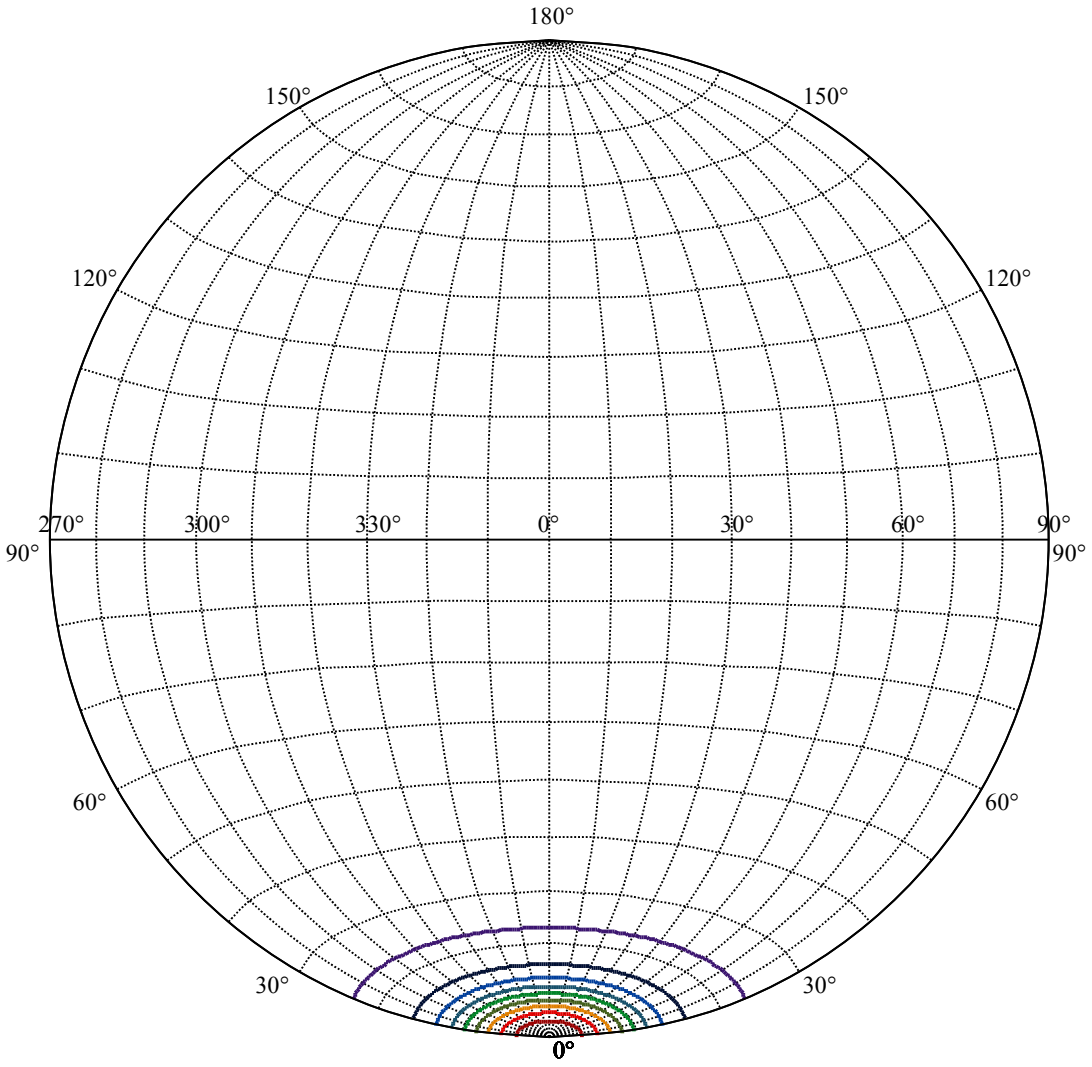


Equipment: GMS1980
Date: 2026/3/25
Operator: 杨泽全
Temperature(°C): 25.0
Humidity(%): 60.0%
Distance(m): 9.16



(10%Imax) 1523.59
(20%Imax) 3047.17
(30%Imax) 4570.76
(40%Imax) 6094.35
(50%Imax) 7617.94
(60%Imax) 9141.52
(70%Imax) 10665.1
(80%Imax) 12188.7
(90%Imax) 13712.3

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:15235.87

(10%Imax) 1523.59
(20%Imax) 3047.17
(30%Imax) 4570.76
(40%Imax) 6094.35
(50%Imax) 7617.94
(60%Imax) 9141.52
(70%Imax) 10665.1
(80%Imax) 12188.7
(90%Imax) 13712.3

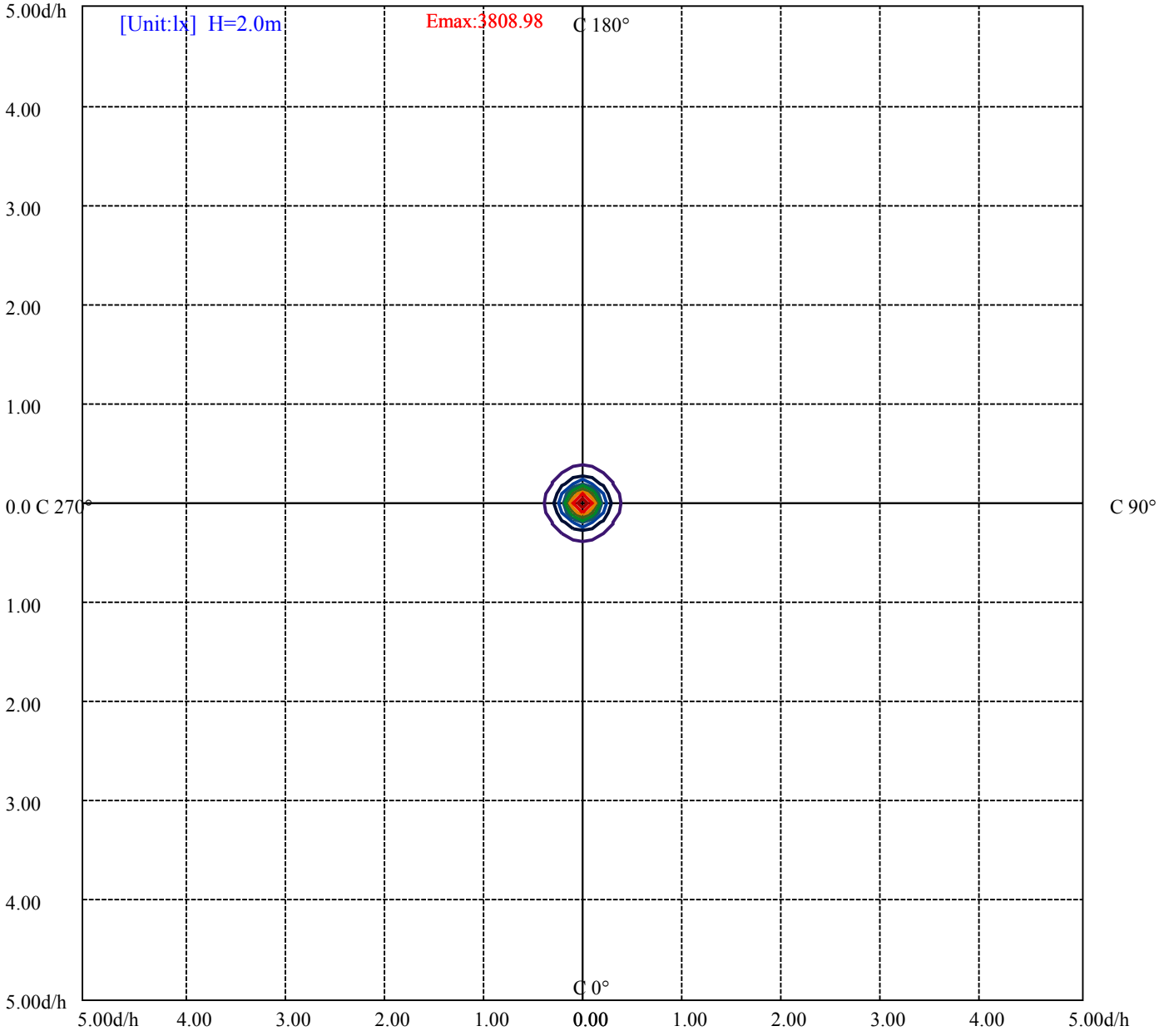
Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

NT Nata 3-3206-A

ISO illuminance diagram

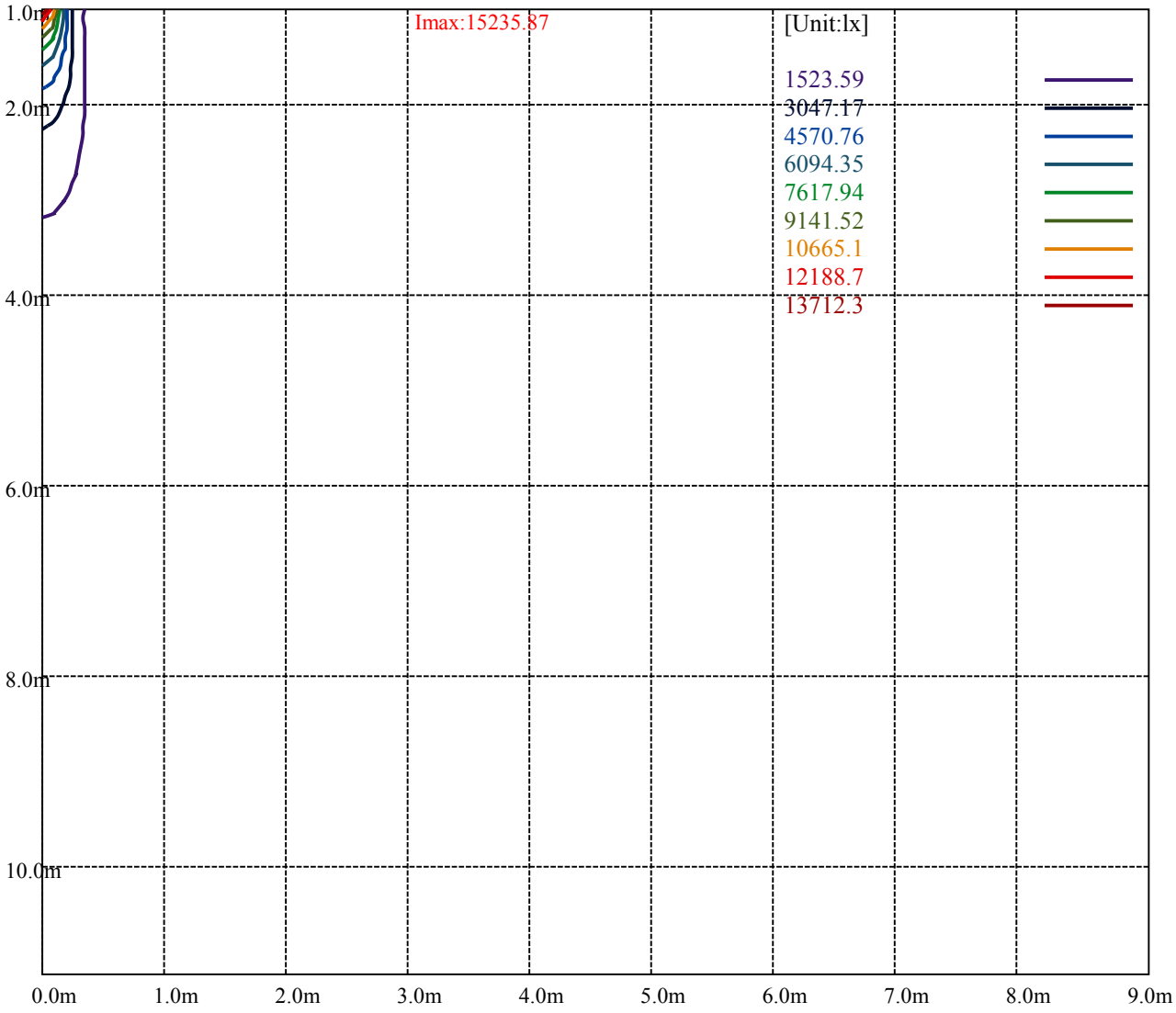


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

NT Nata 3-3206-A

Luminance Limitting Curve(no luminous side)

Luminance Table

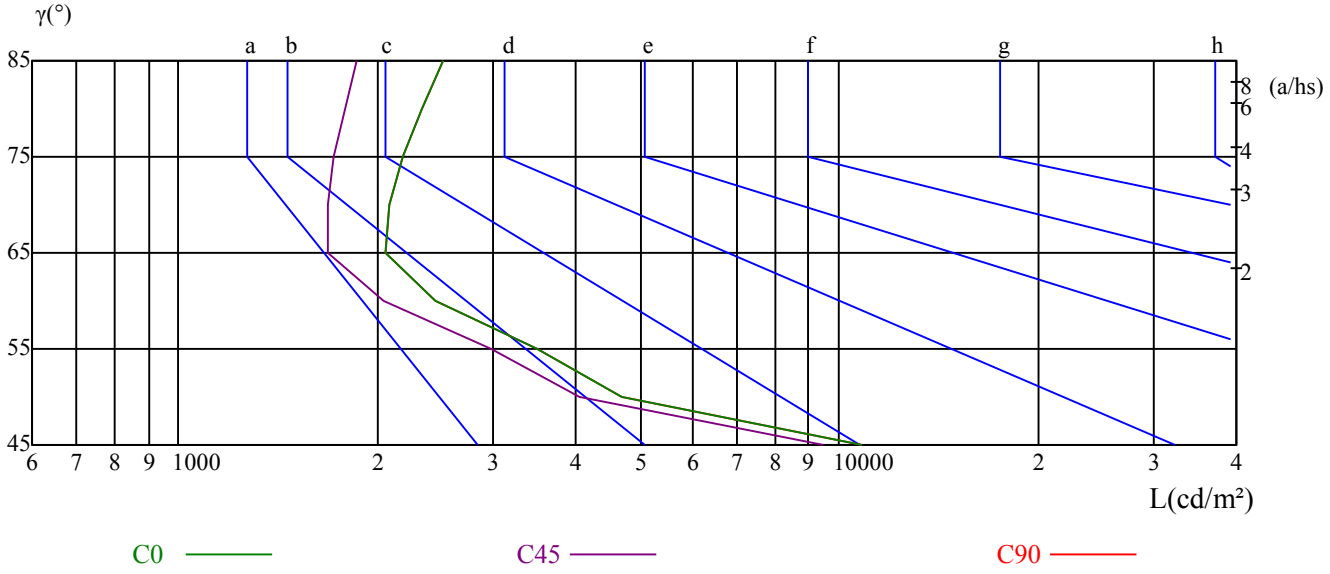
γ	45	50	55	60	65	70	75	80	85
C0	10817	4701	3498	2451	2051	2091	2183	2335	2514
C45	9470	4056	2972	2048	1683	1680	1714	1783	1856
C90	10817	4701	3498	2451	2051	2091	2183	2335	2514

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4353	4353	4353	6445	6445	6445	17545	17545	17545

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

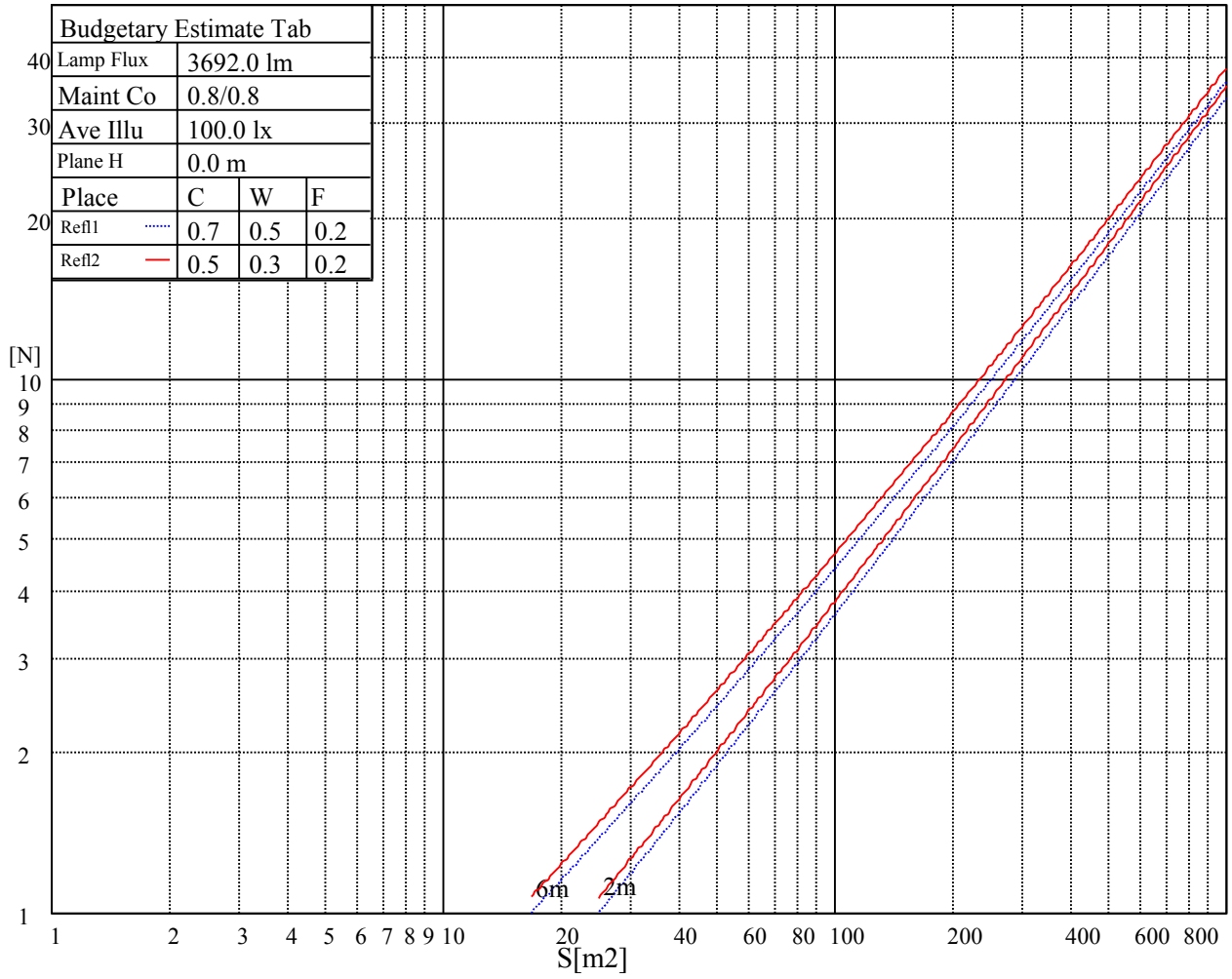


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

Budgetary Estimate Table



Equipment: GMS1980
Temperature(°C): 25.0

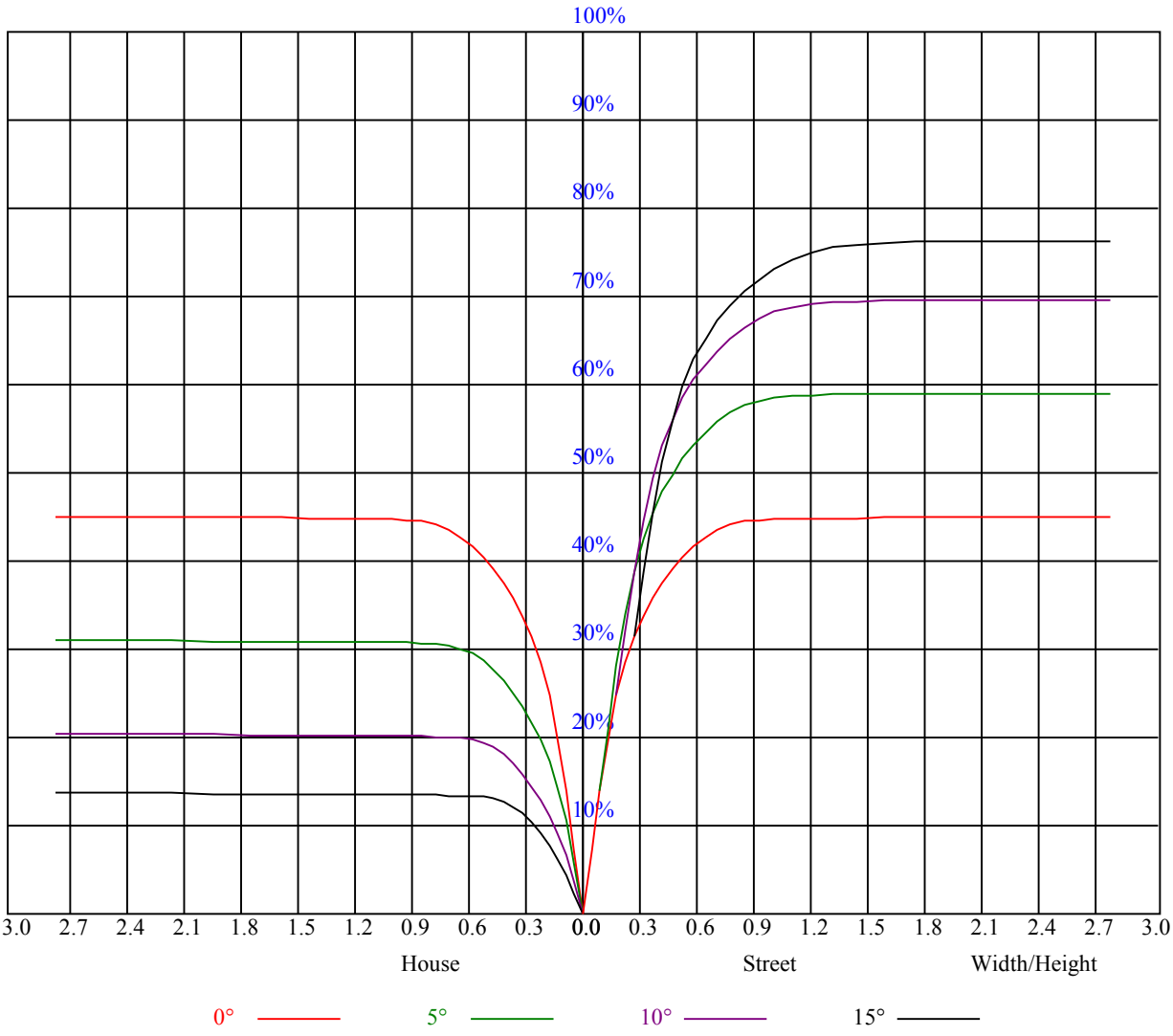
Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

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	1.08	1.08	1.08	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.92	0.92	0.92	0.90
1	1.01	0.99	0.97	0.99	0.97	0.96	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.86
2	0.96	0.92	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.88	0.87	0.85	0.86	0.85	0.83	0.82
3	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.81	0.83	0.81	0.79	0.78
4	0.86	0.82	0.79	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.77	0.80	0.78	0.76	0.75
5	0.82	0.78	0.75	0.81	0.77	0.74	0.80	0.76	0.74	0.78	0.75	0.73	0.77	0.74	0.72	0.71
6	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.70	0.74	0.72	0.69	0.68
7	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.67	0.66
8	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
9	0.70	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
10	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.59

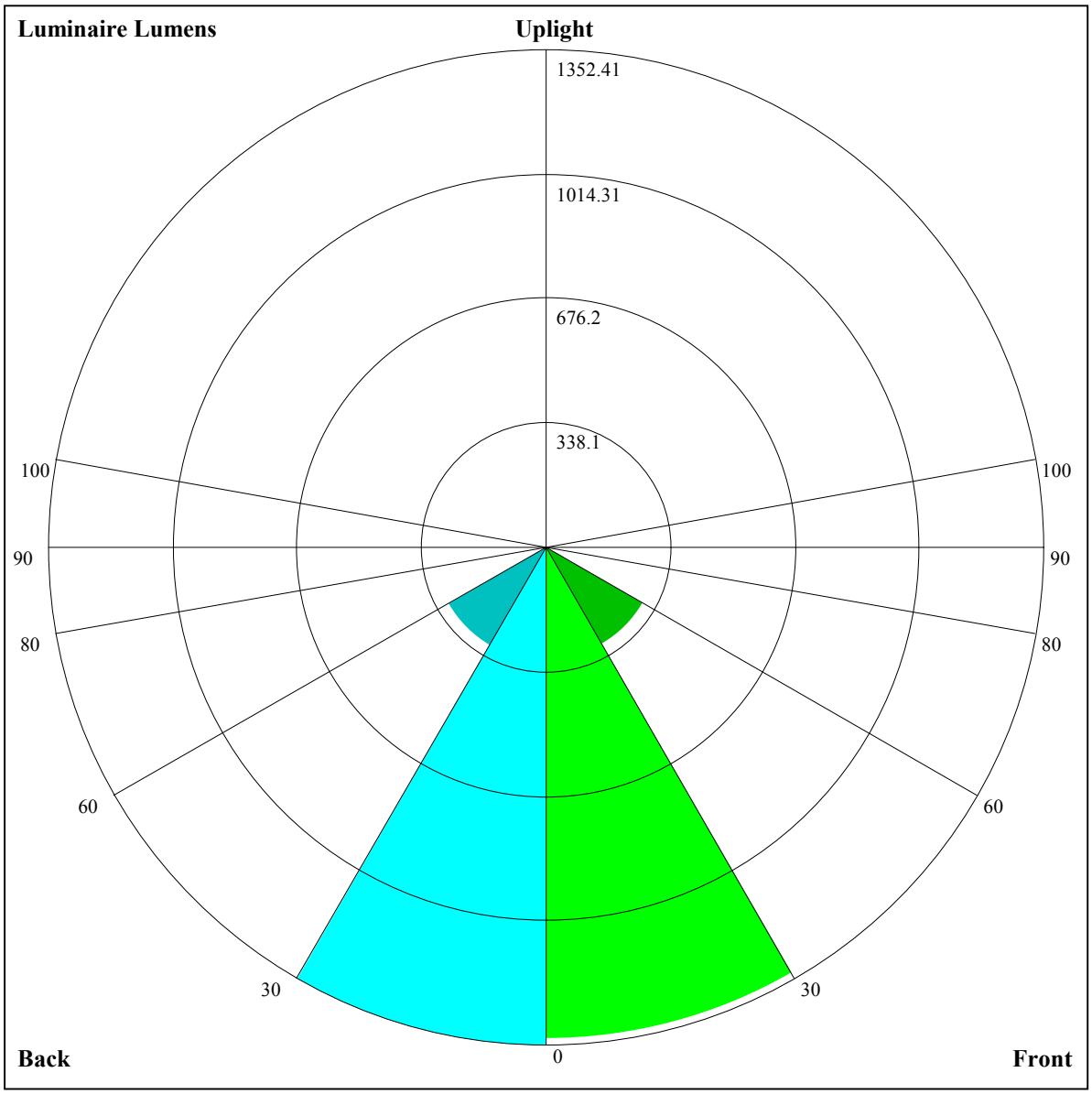
Coefficient Utilization Curve



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/25
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16



Luminaire Lumens:
FL=1335.66,FM=305.43,FH=7.83,FVH=3.52
BL=1352.41,BM=309.13,BH=7.81,BVH=3.52
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	15317.89	15157.63	14803.55	14146.57	13471.13	12679.06	11533.75	10531.91	9466.31
45.0	15157.63	15297.75	15243.21	14885.78	14414.23	13789.13	13052.44	11974.25	11006.82
90.0	15308.66	15223.08	14846.34	14374.79	13758.09	13009.65	11925.59	10946.41	9894.23
135.0	15159.31	15299.43	15249.09	14919.34	14449.47	13838.63	13094.39	12009.49	11033.67
180.0	15317.89	15213.85	14921.02	14473.80	13701.87	12957.63	12090.88	11101.63	9789.35
225.0	15157.63	14843.82	14206.98	13554.19	12786.46	11652.05	10632.60	9546.02	8181.72
270.0	15308.66	15190.35	14881.58	14256.48	13612.09	12637.11	11729.25	10708.12	9372.34
315.0	15159.31	14710.41	14176.77	13318.42	12502.02	11574.02	10280.20	9182.71	8087.74
360.0	15317.89	15157.63	14803.55	14146.57	13471.13	12679.06	11533.75	10531.91	9466.31

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	8383.93	7075.00	6113.45	5264.32	4543.57	3806.88	3331.98	2936.78	2544.94
45.0	9705.44	8626.42	7564.17	6332.44	5460.66	4707.19	4072.86	3418.40	2995.51
90.0	8809.33	7463.49	6460.82	5346.55	4600.63	3973.01	3341.20	2929.23	2588.57
135.0	9997.44	8929.32	7858.68	6598.42	5690.56	4718.93	4084.61	3556.84	3012.29
180.0	8714.52	7640.53	6614.36	5495.90	4741.59	3970.50	3471.26	3059.28	2638.92
225.0	7119.47	5923.82	5104.06	4415.20	3827.86	3232.97	2847.00	2529.84	2264.70
270.0	8292.47	7225.20	6229.24	5149.37	4433.66	3833.73	3337.01	2839.45	2517.25
315.0	7031.37	5856.69	5044.49	4358.14	3783.39	3200.24	2827.70	2520.61	2207.64
360.0	8383.93	7075.00	6113.45	5264.32	4543.57	3806.88	3331.98	2936.78	2544.94

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2298.26	2044.02	1668.30	1668.30	1643.63	1536.31	1465.41	1407.26	1350.54
45.0	2648.98	2370.42	2094.37	1920.68	1778.04	1666.45	1552.34	1481.02	1407.18
90.0	2312.52	2036.47	1652.94	1652.94	1598.57	1483.03	1409.19	1346.68	1297.26
135.0	2664.09	2385.52	2111.15	1932.43	1789.79	1676.52	1562.41	1489.41	1427.32
180.0	2362.03	2138.00	1919.84	1780.56	1663.93	1569.96	1476.82	1416.41	1367.75
225.0	1998.72	1669.30	1669.30	1592.19	1488.82	1424.47	1371.44	1320.42	1284.18
270.0	2247.08	1981.10	1816.64	1650.51	1545.63	1459.20	1372.78	1319.92	1273.77
315.0	2011.30	1665.86	1665.86	1594.54	1512.15	1431.35	1377.14	1333.01	1294.75
360.0	2298.26	2044.02	1668.30	1668.30	1643.63	1536.31	1465.41	1407.26	1350.54

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1311.36	1277.71	1248.35	1221.50	1189.45	1150.77	1089.18	989.00	897.45
45.0	1361.03	1322.44	1282.16	1255.31	1231.82	1209.16	1162.18	1102.60	1026.25
90.0	1246.92	1213.36	1175.43	1149.76	1125.85	1082.21	1023.14	950.23	846.61
135.0	1376.14	1323.28	1288.03	1257.83	1224.27	1198.26	1147.07	1089.18	1016.18
180.0	1326.63	1286.36	1255.31	1220.07	1191.54	1156.30	1081.63	1000.24	908.78
225.0	1250.36	1223.93	1202.79	1175.85	1117.20	1052.93	978.26	894.60	780.57
270.0	1235.17	1197.42	1168.89	1142.04	1115.19	1066.52	1006.95	929.76	825.72
315.0	1254.39	1224.18	1197.92	1167.71	1108.56	1046.47	969.86	859.78	765.55
360.0	1311.36	1277.71	1248.35	1221.50	1189.45	1150.77	1089.18	989.00	897.45

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	775.54	673.76	570.64	442.52	346.87	255.16	173.52	92.88	55.13
45.0	943.18	826.55	720.83	615.11	493.45	444.78	444.78	194.24	126.95
90.0	754.90	661.85	568.46	449.40	362.22	276.22	198.35	119.65	78.79
135.0	931.44	809.77	698.18	591.62	483.38	427.16	427.16	175.87	117.05
180.0	825.72	693.14	593.30	493.45	443.94	443.94	179.39	107.90	62.34
225.0	686.77	585.91	485.90	363.56	275.13	176.20	111.85	68.05	44.47
270.0	746.00	649.51	537.92	446.46	422.97	309.70	161.69	104.80	70.65
315.0	665.46	535.82	433.37	313.22	224.36	149.94	93.97	57.22	36.67
360.0	775.54	673.76	570.64	442.52	346.87	255.16	173.52	92.88	55.13

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	35.74	30.04	23.24	18.21	14.18	11.33	10.82	10.40	10.07
45.0	77.11	46.65	40.61	35.24	28.78	24.92	22.23	21.56	20.22
90.0	57.98	50.09	45.31	39.44	35.41	32.30	30.88	28.44	26.26
135.0	62.59	41.20	34.23	28.02	23.16	17.87	15.02	14.18	13.42
180.0	35.74	30.54	24.50	19.55	15.35	12.42	11.24	10.82	10.57
225.0	40.61	36.00	31.46	26.85	24.58	23.83	22.57	20.89	19.89
270.0	51.85	47.49	42.71	37.67	32.30	29.28	27.35	25.09	23.33
315.0	32.14	26.93	21.98	17.03	14.52	13.84	13.42	13.01	12.50
360.0	35.74	30.04	23.24	18.21	14.18	11.33	10.82	10.40	10.07

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.82	9.57	9.31	9.15	8.98	8.81	8.64	8.47	8.31
45.0	19.13	17.96	16.87	15.10	13.84	12.42	11.24	10.32	9.23
90.0	24.16	21.90	19.13	17.03	15.02	13.01	11.16	9.98	8.98
135.0	12.84	12.33	11.75	11.16	10.66	10.07	9.65	9.15	8.81
180.0	10.24	10.07	9.82	9.65	9.48	9.31	9.06	8.89	8.64
225.0	18.46	16.36	14.94	13.42	12.17	10.99	9.73	8.81	8.14
270.0	21.31	18.63	16.70	14.43	13.01	11.66	10.40	9.40	8.81
315.0	12.08	11.66	11.16	10.66	10.15	9.65	9.06	8.64	8.22
360.0	9.82	9.57	9.31	9.15	8.98	8.81	8.64	8.47	8.31

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.14	7.97	7.80	7.64	7.55	7.47	7.38	7.30	7.22
45.0	8.56	8.05	7.80	7.64	7.55	7.47	7.47	7.38	7.30
90.0	8.47	8.22	7.97	7.89	7.80	7.80	7.72	7.72	7.64
135.0	8.39	7.97	7.72	7.55	7.38	7.30	7.22	7.13	7.05
180.0	8.47	8.14	7.80	7.64	7.55	7.38	7.30	7.22	7.22
225.0	7.89	7.64	7.47	7.47	7.38	7.30	7.22	7.22	7.13
270.0	8.39	8.22	8.14	7.97	7.97	7.89	7.89	7.89	7.80
315.0	7.89	7.55	7.47	7.38	7.22	7.13	7.13	7.05	6.96
360.0	8.14	7.97	7.80	7.64	7.55	7.47	7.38	7.30	7.22

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.22	7.13	7.05	7.05	6.96	6.88	6.88	6.80	6.80
45.0	7.30	7.22	7.13	7.05	7.05	6.96	6.88	6.80	6.80
90.0	7.55	7.55	7.47	7.38	7.30	7.22	7.22	7.13	7.05
135.0	7.05	6.96	6.88	6.80	6.80	6.80	6.71	6.63	6.63
180.0	7.13	7.13	7.05	6.96	6.88	6.88	6.88	6.80	6.80
225.0	7.13	7.05	6.96	6.88	6.80	6.80	6.71	6.71	6.71
270.0	7.80	7.72	7.64	7.55	7.47	7.38	7.30	7.22	7.05
315.0	6.88	6.88	6.80	6.71	6.71	6.63	6.54	6.54	6.54
360.0	7.22	7.13	7.05	7.05	6.96	6.88	6.88	6.80	6.80

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.80	6.71	6.71	6.71	6.63	6.46	6.38	6.38	6.38
45.0	6.71	6.63	6.63	6.63	6.54	6.46	6.29	6.21	6.13
90.0	6.96	6.88	6.71	6.63	6.54	6.29	6.21	6.13	6.04
135.0	6.63	6.54	6.54	6.54	6.46	6.38	6.38	6.29	6.21
180.0	6.80	6.71	6.71	6.71	6.54	6.46	6.46	6.38	6.29
225.0	6.63	6.63	6.54	6.38	6.29	6.29	6.21	6.13	6.04
270.0	6.88	6.80	6.63	6.46	6.38	6.21	6.13	6.29	6.04
315.0	6.54	6.46	6.46	6.38	6.29	6.21	6.21	6.04	6.04
360.0	6.80	6.71	6.71	6.71	6.63	6.46	6.38	6.38	6.38

Intensity data(cd)

C/γ(°)	90.0
0.0	6.13
45.0	6.04
90.0	6.04
135.0	6.21
180.0	6.04
225.0	6.04
270.0	5.96
315.0	5.96
360.0	6.13