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

Nata

Client: NT
LumCAT: 1-1897-A
Luminaire: 92.70.481.00
Report No: 20260330-B005
Ballast type: DC

Test No: 20260330-C005	Voltage(V): 35.270
LampCAT: CITIZEN CLU028	Current(A): 0.363
Lamp flux(lm): 1607.0	Power (W): 12.800
Number of Lamps: 1	PF: 0.000
Length(mm): 45	Width(mm): 45
Phm Type: C	Height(mm): 19

Photometric Results

Lumens(lm): 1455.33, Efficiency(%): 90.56% , Luminous Efficacy(lm/W): 113.70
Central intensity(cd): 1550.596, Maximum intensity(cd): 1550.596
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=60.4
[C90/270]Total=60.4
Field angle(10%Imax): [C0/180]Total=89.4
[C90/270]Total=89.4
Maximum s/h(1/2): C0_180=0.86 C90_270=0.86
Maximum s/h(1/4): C0_180=0.94 C90_270=0.94
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.56%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.345%

Equipment: GMS1980	Date: 2026/3/30	Operator: 杨泽全
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 9.16

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1550.596	0.000	0	0.00%	0.00%
1.0	1549.401	1.483	1.483	0.09%	0.10%
2.0	1545.352	4.442	5.925	0.28%	0.41%
3.0	1540.014	7.379	13.304	0.46%	0.91%
4.0	1533.480	10.288	23.592	0.64%	1.62%
5.0	1524.187	13.154	36.746	0.82%	2.52%
6.0	1512.073	15.956	52.703	0.99%	3.62%
7.0	1497.002	18.677	71.38	1.16%	4.90%
8.0	1479.046	21.299	92.679	1.33%	6.37%
9.0	1460.304	23.822	116.501	1.48%	8.01%
10.0	1439.831	26.245	142.746	1.63%	9.81%
11.0	1416.673	28.542	171.288	1.78%	11.77%
12.0	1393.221	30.716	202.004	1.91%	13.88%
13.0	1369.706	32.789	234.793	2.04%	16.13%
14.0	1339.857	34.682	269.476	2.16%	18.52%
15.0	1311.696	36.402	305.877	2.27%	21.02%
16.0	1279.267	37.965	343.842	2.36%	23.63%
17.0	1242.055	39.264	383.106	2.44%	26.32%
18.0	1205.954	40.362	423.468	2.51%	29.10%
19.0	1168.711	41.314	464.782	2.57%	31.94%
20.0	1128.268	42.041	506.824	2.62%	34.83%
21.0	1089.378	42.583	549.407	2.65%	37.75%
22.0	1050.467	43.001	592.408	2.68%	40.71%
23.0	1012.583	43.288	635.696	2.69%	43.68%
24.0	979.399	43.552	679.248	2.71%	46.67%
25.0	942.732	43.705	722.953	2.72%	49.68%
26.0	909.442	43.721	766.674	2.72%	52.68%
27.0	876.090	43.683	810.357	2.72%	55.68%
28.0	843.325	43.532	853.889	2.71%	58.67%
29.0	813.077	43.336	897.225	2.70%	61.65%
30.0	781.633	43.057	940.282	2.68%	64.61%
31.0	749.172	42.600	982.882	2.65%	67.54%
32.0	717.865	42.029	1024.911	2.62%	70.42%
33.0	684.156	41.304	1066.215	2.57%	73.26%
34.0	649.136	40.349	1106.565	2.51%	76.04%
35.0	614.273	39.237	1145.801	2.44%	78.73%
36.0	576.872	37.926	1183.728	2.36%	81.34%
37.0	534.479	36.246	1219.974	2.26%	83.83%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	489.065	34.165	1254.138	2.13%	86.18%
39.0	437.547	31.628	1285.766	1.97%	88.35%
40.0	387.172	28.763	1314.529	1.79%	90.33%
41.0	331.228	25.582	1340.111	1.59%	92.08%
42.0	280.224	22.215	1362.326	1.38%	93.61%
43.0	233.090	19.015	1381.341	1.18%	94.92%
44.0	185.127	15.785	1397.126	0.98%	96.00%
45.0	139.566	12.478	1409.604	0.78%	96.86%
46.0	103.749	9.516	1419.119	0.59%	97.51%
47.0	70.229	6.920	1426.039	0.43%	97.99%
48.0	46.547	4.721	1430.76	0.29%	98.31%
49.0	30.636	3.170	1433.929	0.20%	98.53%
50.0	22.602	2.220	1436.149	0.14%	98.68%
51.0	18.459	1.737	1437.886	0.11%	98.80%
52.0	15.585	1.461	1439.347	0.09%	98.90%
53.0	13.089	1.247	1440.594	0.08%	98.99%
54.0	11.044	1.064	1441.658	0.07%	99.06%
55.0	9.324	0.909	1442.567	0.06%	99.12%
56.0	7.950	0.781	1443.348	0.05%	99.18%
57.0	7.080	0.687	1444.035	0.04%	99.22%
58.0	6.440	0.625	1444.66	0.04%	99.27%
59.0	6.020	0.583	1445.243	0.04%	99.31%
60.0	5.632	0.550	1445.793	0.03%	99.35%
61.0	5.286	0.521	1446.314	0.03%	99.38%
62.0	4.929	0.492	1446.807	0.03%	99.41%
63.0	4.604	0.464	1447.27	0.03%	99.45%
64.0	4.405	0.442	1447.712	0.03%	99.48%
65.0	4.174	0.425	1448.137	0.03%	99.51%
66.0	3.954	0.406	1448.542	0.03%	99.53%
67.0	3.744	0.387	1448.93	0.02%	99.56%
68.0	3.618	0.373	1449.302	0.02%	99.59%
69.0	3.472	0.362	1449.664	0.02%	99.61%
70.0	3.346	0.350	1450.014	0.02%	99.64%
71.0	3.230	0.340	1450.354	0.02%	99.66%
72.0	3.084	0.328	1450.683	0.02%	99.68%
73.0	3.010	0.319	1451.001	0.02%	99.70%
74.0	2.937	0.313	1451.314	0.02%	99.72%
75.0	2.895	0.308	1451.622	0.02%	99.75%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	2.811	0.303	1451.925	0.02%	99.77%
77.0	2.685	0.293	1452.218	0.02%	99.79%
78.0	2.622	0.284	1452.502	0.02%	99.81%
79.0	2.559	0.278	1452.78	0.02%	99.83%
80.0	2.486	0.272	1453.052	0.02%	99.84%
81.0	2.423	0.265	1453.318	0.02%	99.86%
82.0	2.360	0.259	1453.577	0.02%	99.88%
83.0	2.297	0.253	1453.83	0.02%	99.90%
84.0	2.171	0.243	1454.074	0.02%	99.91%
85.0	2.045	0.230	1454.304	0.01%	99.93%
86.0	1.961	0.219	1454.523	0.01%	99.94%
87.0	1.898	0.211	1454.734	0.01%	99.96%
88.0	1.814	0.203	1454.937	0.01%	99.97%
89.0	1.783	0.197	1455.135	0.01%	99.99%
90.0	1.699	0.191	1455.325	0.01%	100.00%

Zonal flux distribution table

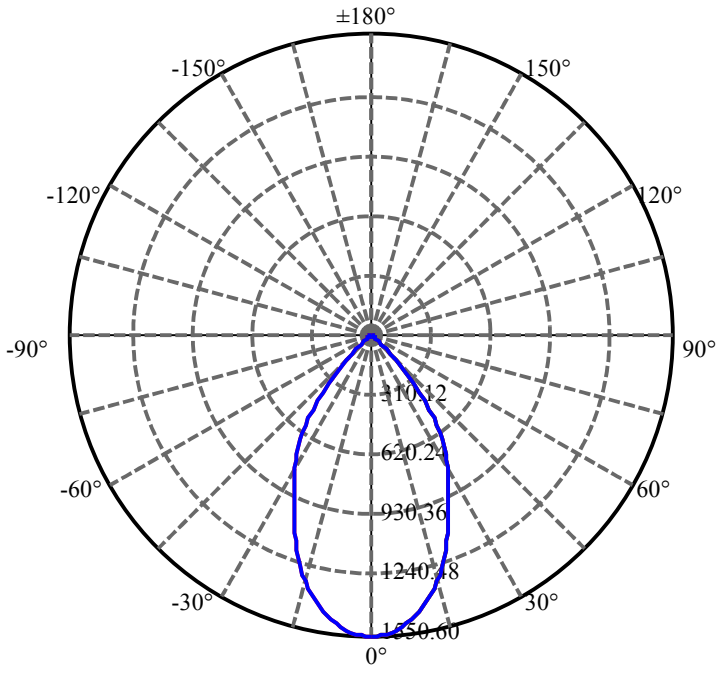
ZONAL LUMEN SUMMARY

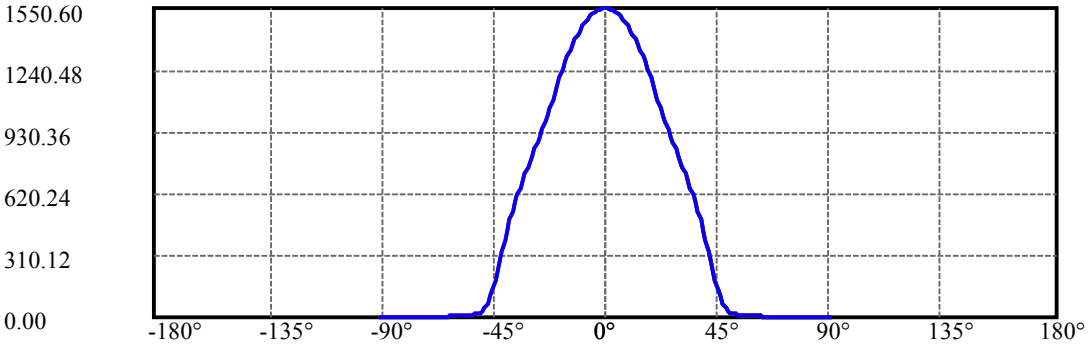
Zone	Lumens	%Lamp	%Fixt
0-30	940.28	58.51%	64.61%
0-40	1314.53	81.80%	90.33%
0-60	1445.79	89.97%	99.35%
0-90	1455.13	90.55%	99.99%
0-120	1455.13	90.55%	99.99%
0-180	1455.33	90.56%	100.00%
60-90	9.34	0.58%	0.64%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-35.49	1164.26	72.45%	80.00%

ZONAL LUMEN SUMMARY

0-10	142.75
10-20	364.08
20-30	433.46
30-40	374.25
40-50	121.62
50-60	9.64
60-70	4.22
70-80	3.04
80-90	2.08
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]





C0(Max):

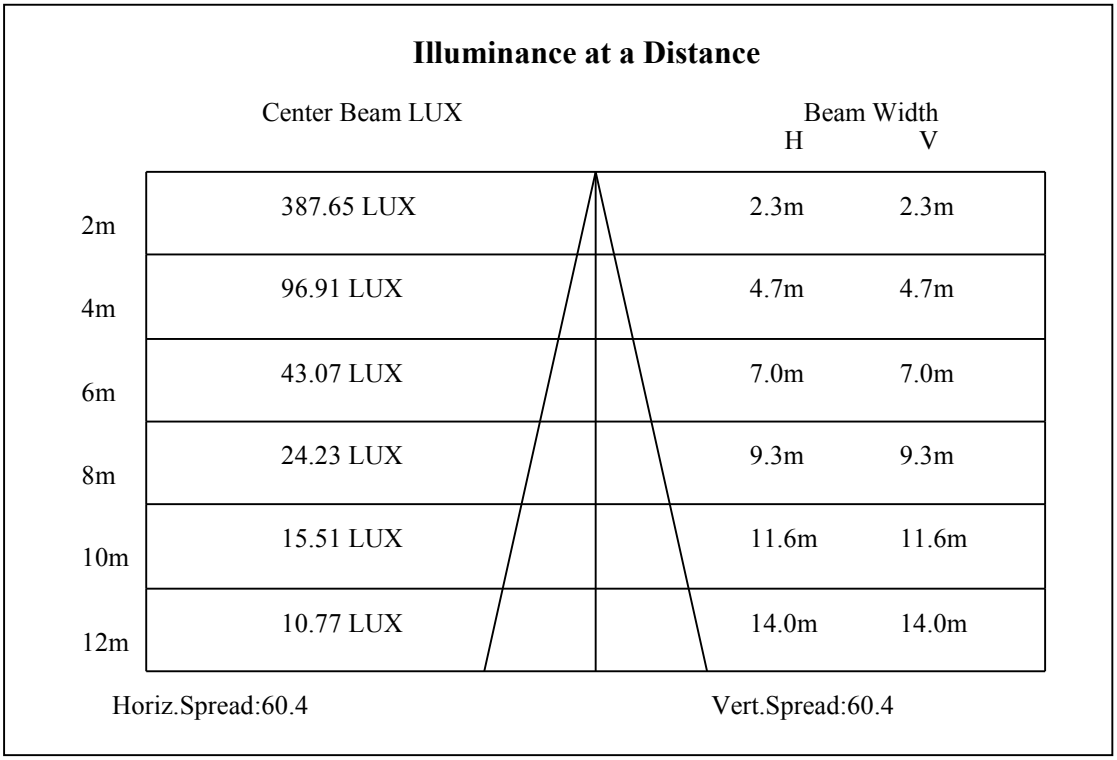
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:44.7 Right:44.7
:C90/270Left:44.7 Right:44.7

Beam Angle(50%Imax):C0/180Left:30.2 Right:30.2
:C90/270Left:30.2 Right:30.2

Lux distance Curve

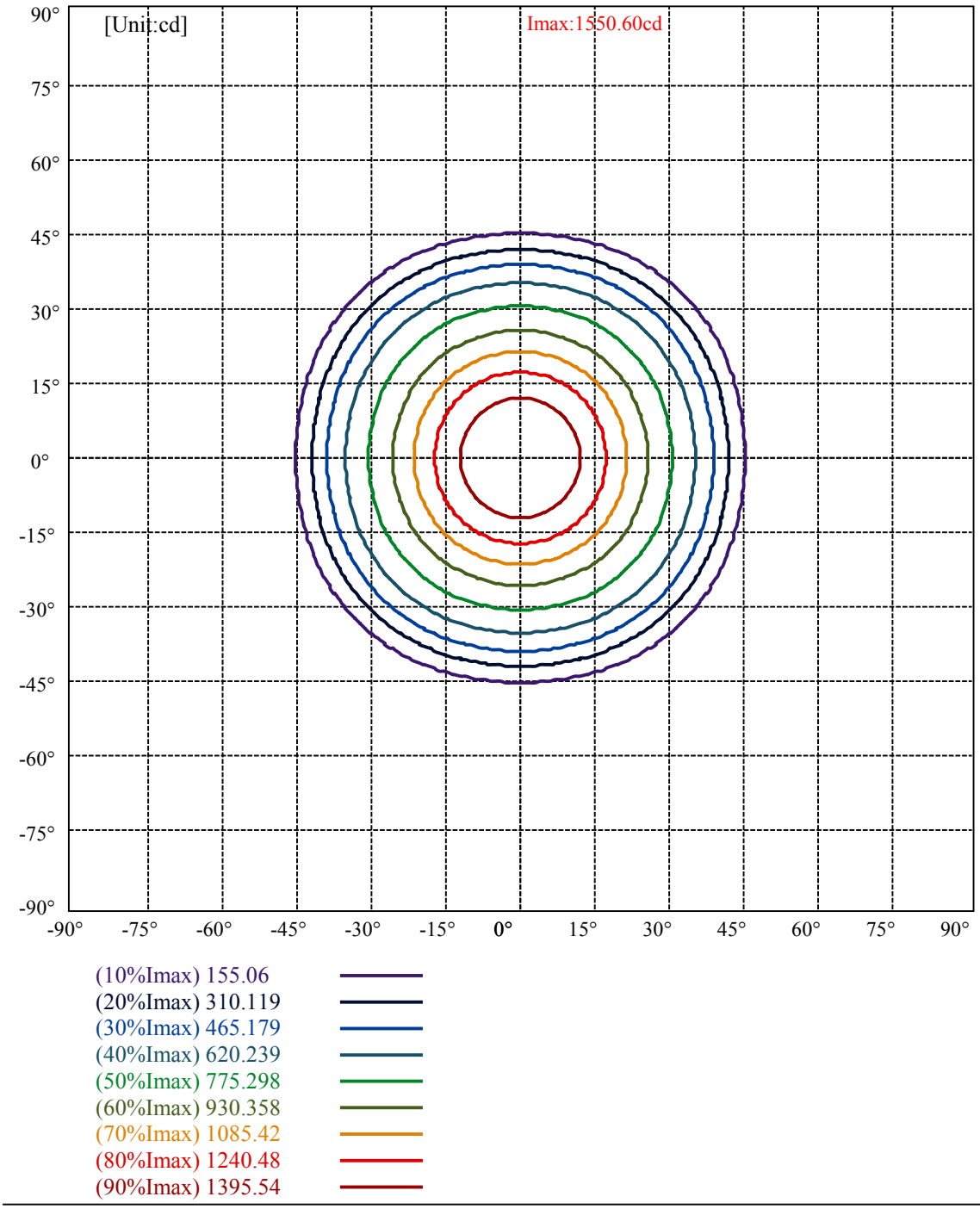


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

ISO-Intensity(V-H)



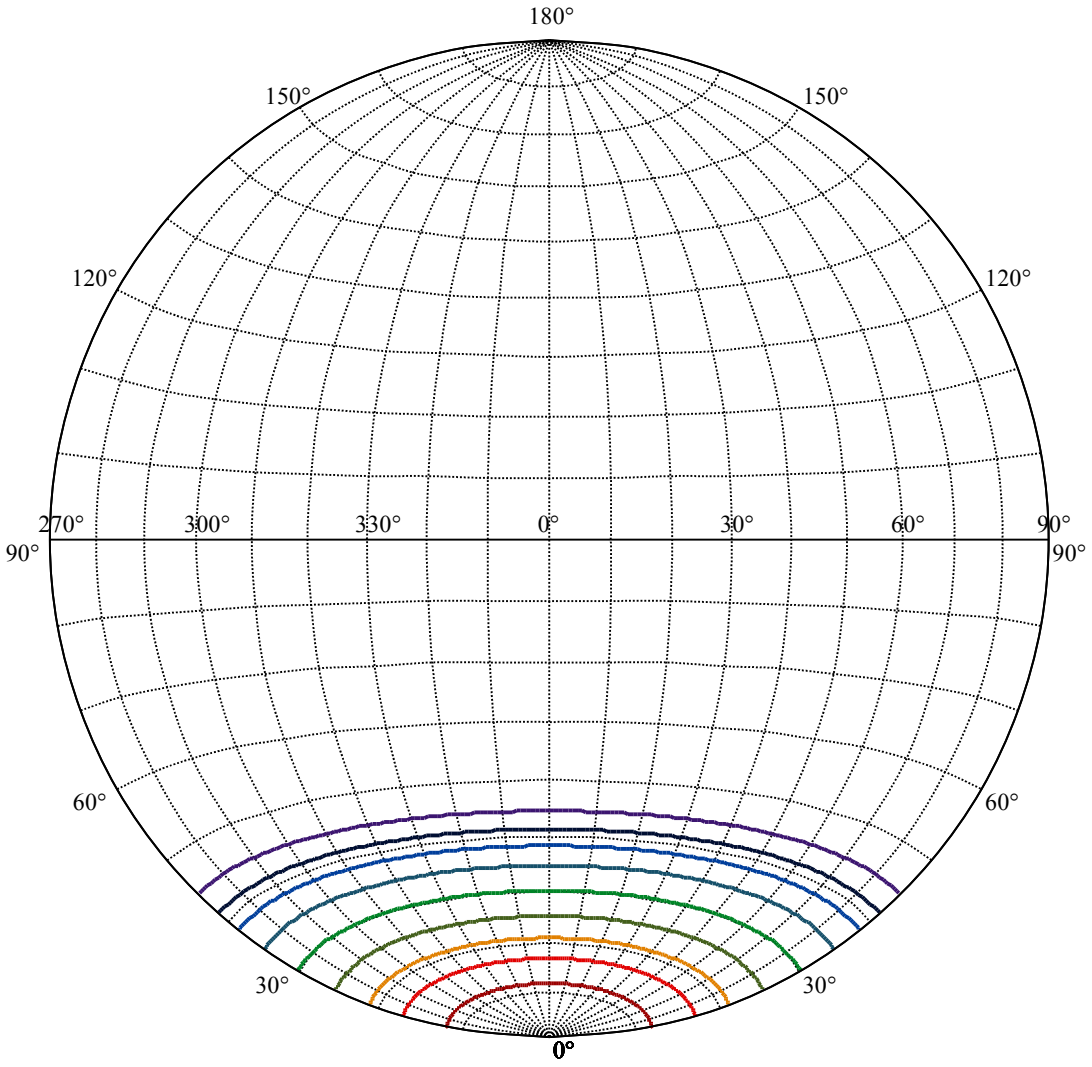
(10%Imax) 155.06
(20%Imax) 310.119
(30%Imax) 465.179
(40%Imax) 620.239
(50%Imax) 775.298
(60%Imax) 930.358
(70%Imax) 1085.42
(80%Imax) 1240.48
(90%Imax) 1395.54

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:1550.60

(10%Imax) 155.06
(20%Imax) 310.119
(30%Imax) 465.179
(40%Imax) 620.239
(50%Imax) 775.298
(60%Imax) 930.358
(70%Imax) 1085.42
(80%Imax) 1240.48
(90%Imax) 1395.54

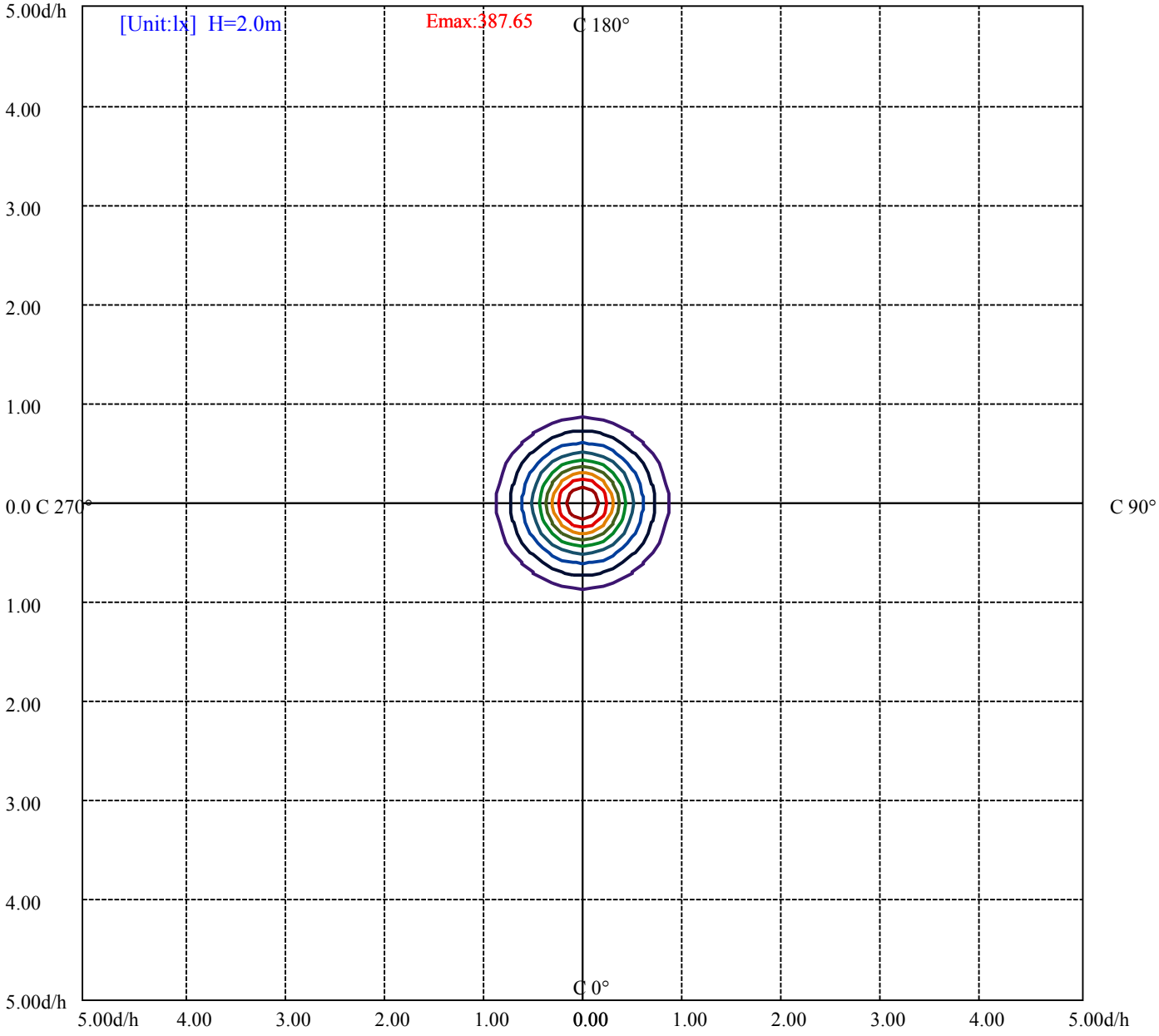
Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

NT Nata 1-1897-A

ISO illuminance diagram

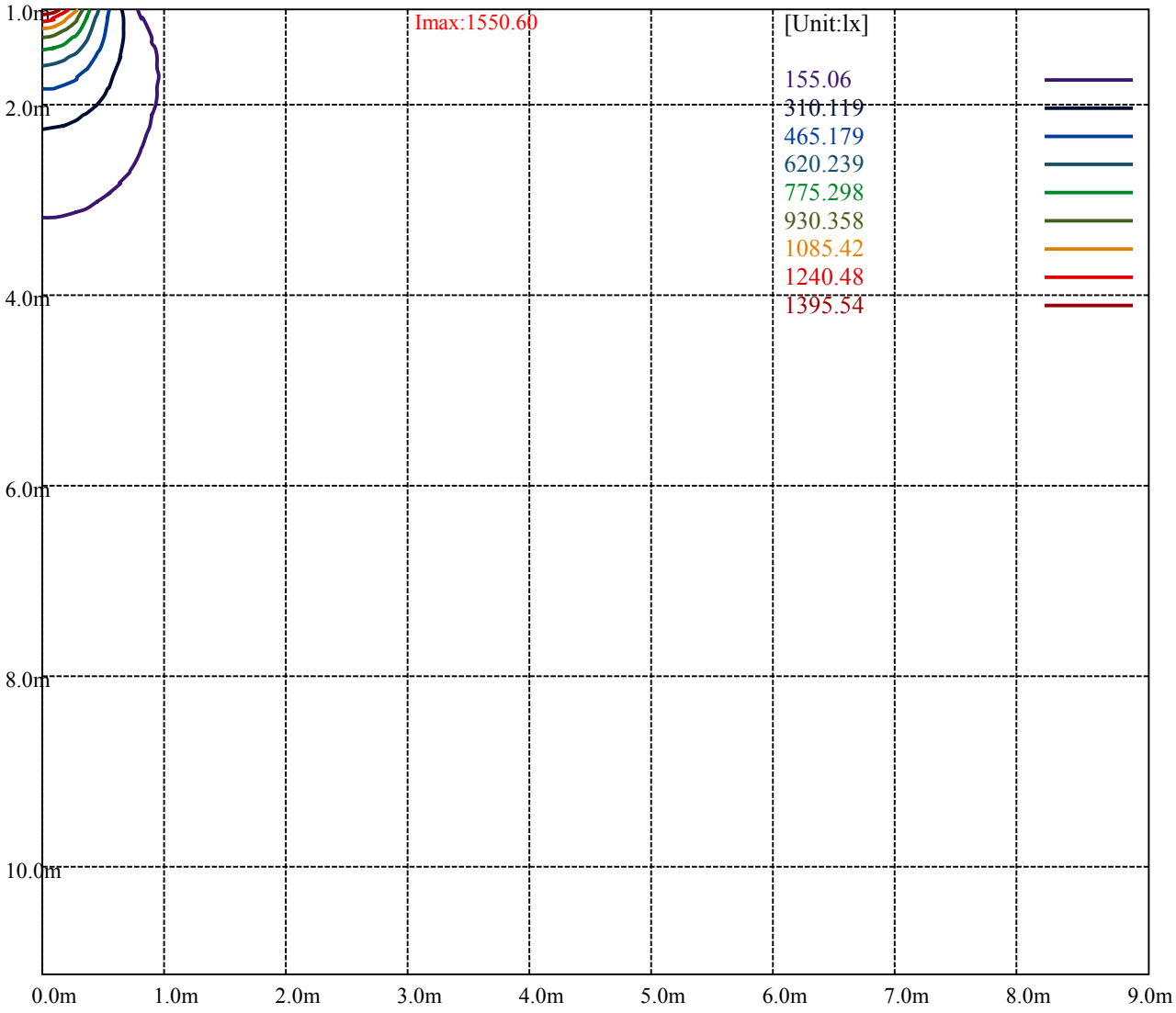


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

NT Nata 1-1897-A

Luminance Limitting Curve(no luminous side)

Luminance Table

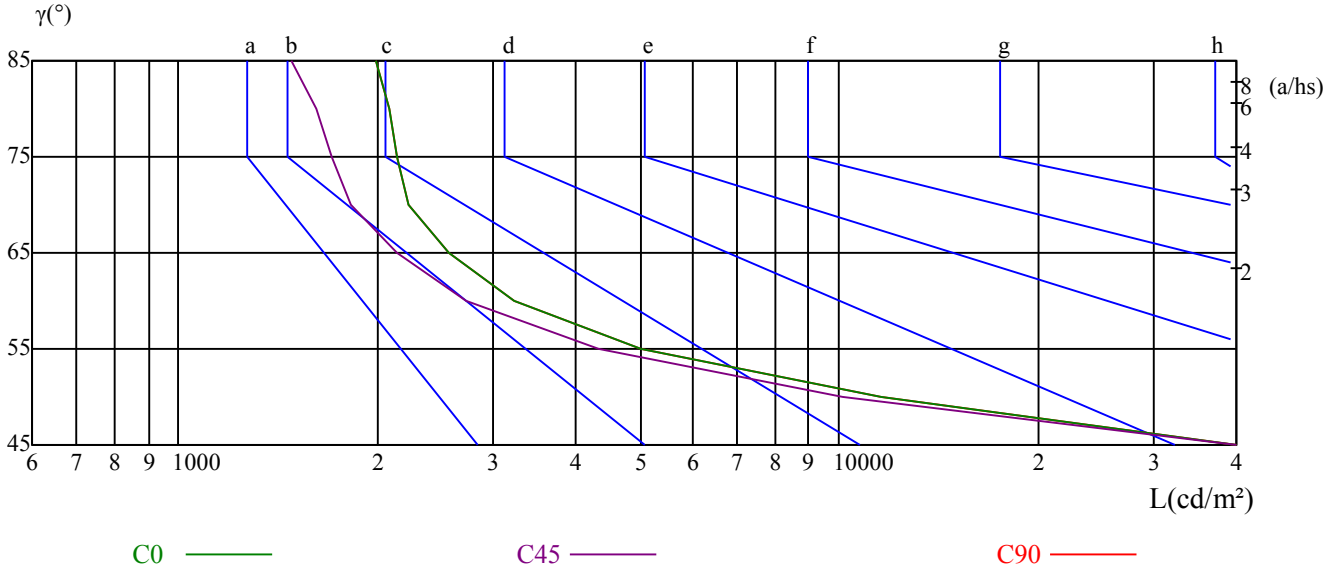
γ	45	50	55	60	65	70	75	80	85
C0	68534	11552	5008	3213	2560	2236	2144	2082	1989
C45	61029	10145	4333	2735	2139	1829	1711	1612	1481
C90	68534	11552	5008	3213	2560	2236	2144	2082	1989

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4878	4878	4878	5523	5523	5523	11588	11588	11588

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

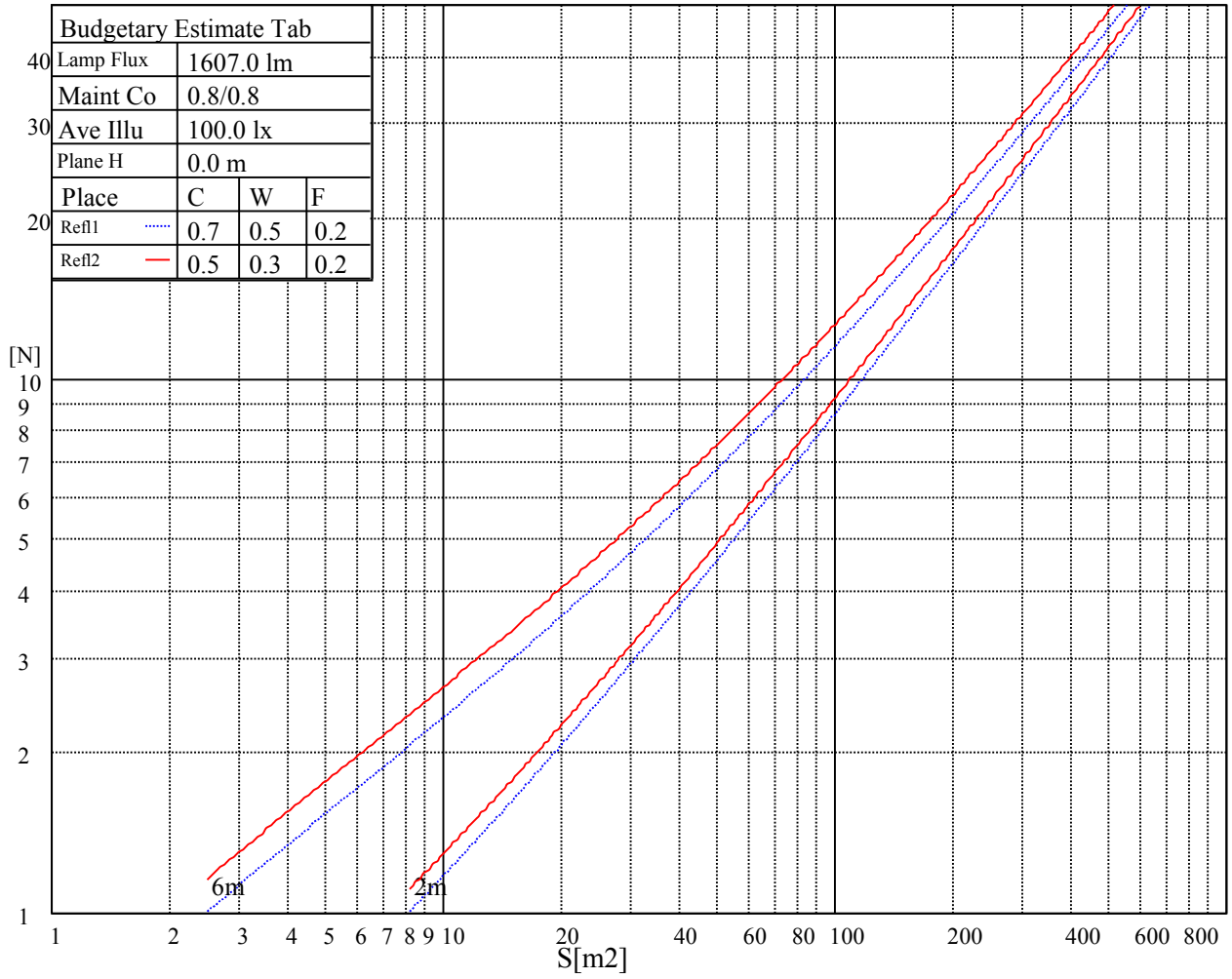


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16

Budgetary Estimate Table



Equipment: GMS1980
Temperature(°C): 25.0

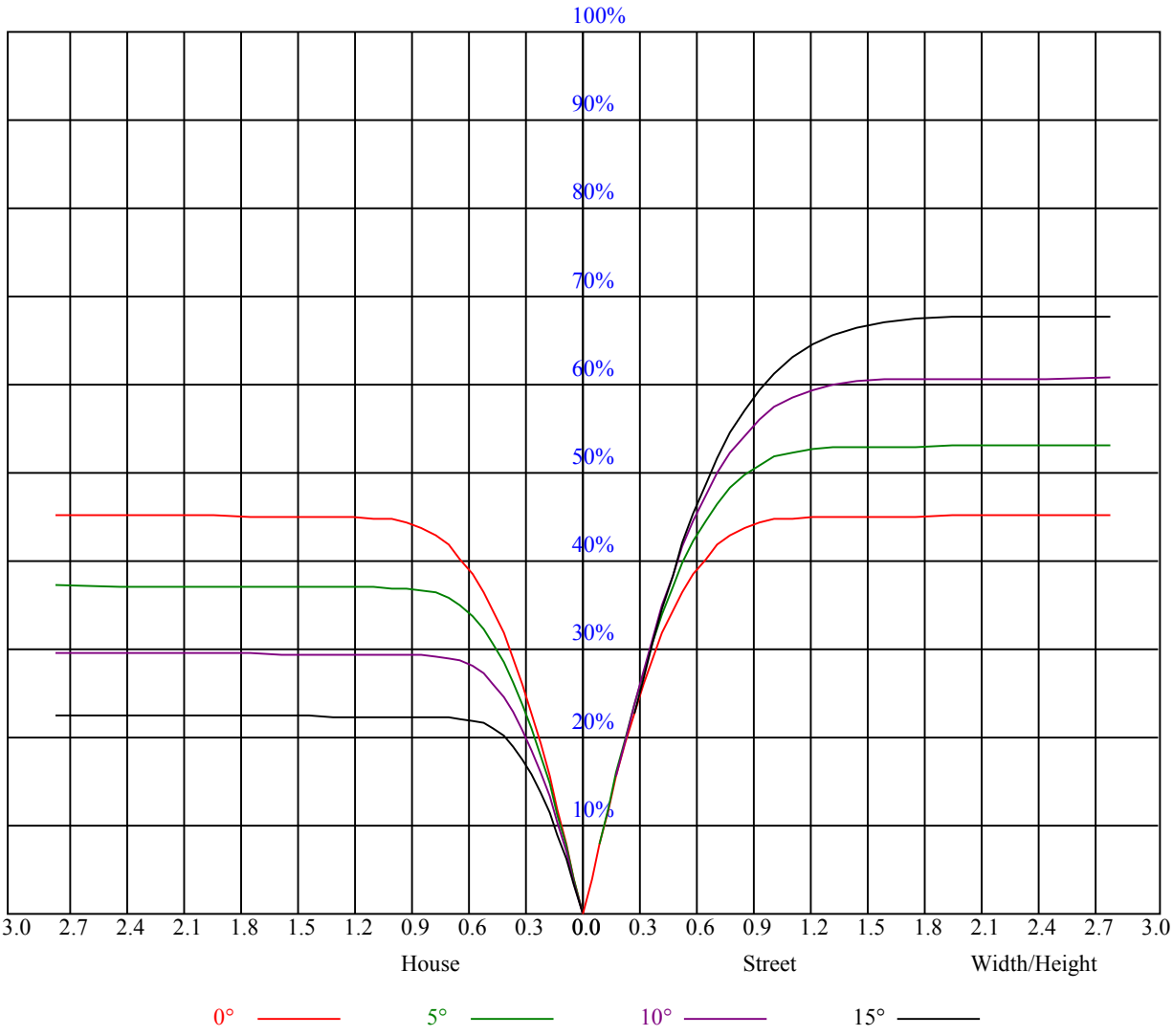
Date: 2026/3/30
Humidity(%): 60.0%

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	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.91
1	1.00	0.98	0.96	0.98	0.96	0.94	0.94	0.93	0.91	0.91	0.90	0.88	0.88	0.87	0.86	0.84
2	0.93	0.89	0.86	0.91	0.88	0.85	0.88	0.85	0.83	0.86	0.83	0.81	0.83	0.81	0.80	0.78
3	0.86	0.82	0.78	0.85	0.81	0.77	0.83	0.79	0.76	0.80	0.77	0.75	0.78	0.76	0.74	0.72
4	0.80	0.75	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.67
5	0.75	0.69	0.65	0.74	0.69	0.65	0.72	0.68	0.64	0.71	0.67	0.64	0.69	0.66	0.63	0.62
6	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.62	0.59	0.65	0.62	0.59	0.58
7	0.66	0.60	0.56	0.65	0.60	0.56	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.54
8	0.61	0.56	0.52	0.61	0.56	0.52	0.60	0.55	0.52	0.59	0.55	0.51	0.58	0.54	0.51	0.50
9	0.58	0.52	0.49	0.57	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.48	0.55	0.51	0.48	0.47
10	0.55	0.49	0.45	0.54	0.49	0.45	0.53	0.49	0.45	0.53	0.48	0.45	0.52	0.48	0.45	0.44

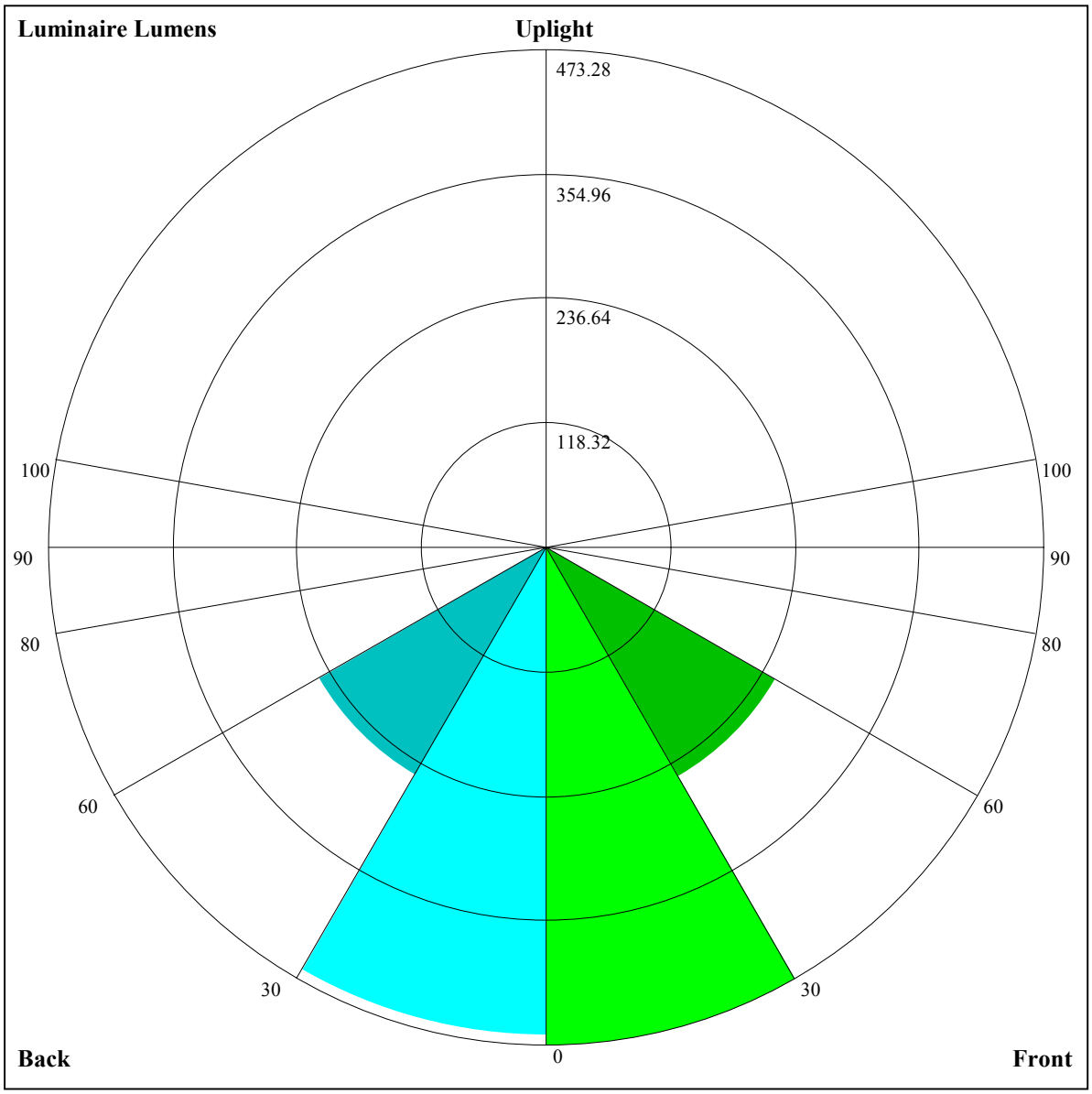
Coefficient Utilization Curve



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2026/3/30
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 9.16



Luminaire Lumens:
FL=473.28,FM=252.05,FH=3.8,FVH=1.14
BL=463.29,BM=249.79,BH=3.75,BVH=1.14
UL=0,UH=0

BUG Rating:B1-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	1545.96	1547.89	1548.31	1546.63	1545.21	1540.42	1533.54	1522.72	1510.55
45.0	1546.38	1547.30	1548.31	1549.65	1546.38	1542.60	1536.90	1524.40	1513.15
90.0	1551.33	1551.33	1547.47	1541.51	1535.14	1523.89	1510.97	1493.86	1474.64
135.0	1558.71	1557.46	1553.68	1547.05	1537.99	1527.59	1516.43	1499.14	1482.70
180.0	1545.96	1540.76	1533.46	1524.82	1513.49	1500.82	1487.39	1473.55	1450.56
225.0	1546.38	1541.01	1530.02	1520.03	1511.48	1498.22	1477.58	1459.87	1435.96
270.0	1551.33	1552.17	1548.39	1542.52	1534.63	1526.16	1513.74	1497.30	1483.70
315.0	1558.71	1557.29	1553.18	1547.89	1543.53	1533.79	1520.03	1505.18	1481.10
360.0	1545.96	1547.89	1548.31	1546.63	1545.21	1540.42	1533.54	1522.72	1510.55

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1495.28	1474.05	1454.17	1435.29	1415.24	1383.10	1354.99	1325.62	1284.01
45.0	1495.62	1479.68	1460.29	1437.47	1417.17	1395.85	1372.95	1335.27	1304.98
90.0	1457.19	1430.00	1408.02	1385.62	1363.21	1334.43	1306.49	1276.62	1237.52
135.0	1458.61	1438.90	1415.99	1385.20	1361.45	1340.31	1318.83	1285.27	1257.49
180.0	1428.24	1406.09	1383.44	1358.68	1339.89	1311.95	1286.44	1260.26	1225.44
225.0	1418.17	1399.38	1374.71	1351.47	1321.85	1282.83	1250.11	1212.60	1173.42
270.0	1468.35	1448.80	1419.10	1395.60	1371.02	1342.24	1307.08	1276.96	1229.05
315.0	1460.96	1441.75	1417.67	1396.44	1367.83	1328.14	1296.68	1261.52	1224.52
360.0	1495.28	1474.05	1454.17	1435.29	1415.24	1383.10	1354.99	1325.62	1284.01

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1248.60	1206.98	1173.17	1133.48	1087.58	1054.69	1021.80	985.89	946.46
45.0	1276.54	1243.31	1199.01	1165.20	1126.43	1078.10	1044.62	1002.42	968.52
90.0	1201.95	1155.13	1119.55	1079.11	1040.43	995.88	961.81	928.33	896.20
135.0	1230.81	1199.18	1157.06	1125.01	1090.94	1045.55	1014.33	984.04	943.85
180.0	1192.05	1159.32	1126.01	1079.03	1043.28	1010.81	982.12	943.02	913.90
225.0	1130.38	1095.81	1053.18	1016.18	976.91	943.85	911.89	873.79	845.01
270.0	1187.43	1148.84	1097.99	1051.00	1012.15	980.69	940.83	906.10	874.38
315.0	1179.88	1141.12	1100.17	1066.02	1026.00	991.09	957.78	918.26	887.22
360.0	1248.60	1206.98	1173.17	1133.48	1087.58	1054.69	1021.80	985.89	946.46

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	914.32	880.67	848.29	807.42	776.04	742.98	698.43	660.42	627.19
45.0	936.05	894.85	863.22	832.85	802.31	766.48	736.44	702.71	668.06
90.0	856.09	824.46	795.34	755.32	726.04	695.16	655.13	621.24	591.28
135.0	913.98	884.62	852.31	825.97	800.12	769.25	741.31	711.60	679.22
180.0	886.13	857.01	828.82	801.80	769.67	742.82	711.35	668.90	636.17
225.0	811.28	785.36	760.10	735.26	700.78	669.90	640.62	611.34	567.96
270.0	840.82	801.30	769.92	739.38	704.64	677.71	645.74	603.45	571.98
315.0	850.05	818.33	786.62	755.07	713.78	678.63	644.23	613.43	572.32
360.0	914.32	880.67	848.29	807.42	776.04	742.98	698.43	660.42	627.19

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	585.33	547.23	503.01	442.94	395.11	345.94	297.86	239.13	194.33
45.0	636.59	597.66	558.90	503.10	457.54	406.19	347.54	300.89	252.30
90.0	550.59	514.09	470.29	422.63	364.74	317.83	274.37	230.32	179.89
135.0	647.33	603.11	559.99	511.49	452.34	400.65	334.20	283.94	235.36
180.0	603.45	548.24	501.84	453.93	401.24	333.36	280.24	231.58	184.59
225.0	527.60	483.04	435.05	374.05	325.72	265.31	219.75	177.21	126.78
270.0	530.03	491.35	448.64	405.18	361.13	301.14	256.00	215.55	175.03
315.0	534.06	491.10	434.80	387.06	339.57	279.41	231.83	186.10	132.74
360.0	585.33	547.23	503.01	442.94	395.11	345.94	297.86	239.13	194.33

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	151.03	111.76	70.06	44.89	28.95	18.96	16.53	13.59	11.41
45.0	198.02	156.65	118.06	83.65	50.43	32.05	21.65	18.63	15.52
90.0	142.81	107.82	71.24	48.67	30.71	24.16	21.14	17.62	15.35
135.0	179.05	136.01	99.01	67.96	40.44	27.94	21.48	18.71	15.35
180.0	132.74	96.07	58.23	37.42	25.93	20.14	17.37	14.68	12.33
225.0	90.62	61.25	38.93	24.50	20.64	17.96	15.35	12.59	10.57
270.0	126.78	95.82	65.03	39.94	28.28	22.40	19.55	16.95	14.18
315.0	95.48	64.61	41.28	25.34	19.72	17.20	14.60	11.91	9.98
360.0	151.03	111.76	70.06	44.89	28.95	18.96	16.53	13.59	11.41

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	9.57	7.72	6.54	5.79	5.45	5.12	4.87	4.45	4.03
45.0	13.26	11.16	9.23	8.05	6.88	6.46	6.13	5.96	5.54
90.0	13.26	11.58	10.07	9.15	8.39	7.89	7.22	6.96	6.46
135.0	13.01	11.08	8.89	7.55	6.54	5.79	5.54	5.20	4.87
180.0	9.82	8.14	6.80	5.87	5.29	5.03	4.70	4.28	4.03
225.0	8.81	7.38	6.54	6.13	5.79	5.45	4.95	4.61	4.45
270.0	12.25	10.66	9.40	8.31	7.72	7.22	6.96	6.46	5.87
315.0	8.39	6.88	6.13	5.79	5.45	5.20	4.70	4.36	4.20
360.0	9.57	7.72	6.54	5.79	5.45	5.12	4.87	4.45	4.03

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	3.94	3.78	3.61	3.27	3.19	3.19	3.02	3.02	2.94
45.0	4.95	4.70	4.53	4.53	4.20	3.94	3.78	3.69	3.69
90.0	5.87	5.62	5.37	5.03	4.70	4.45	4.28	4.11	3.86
135.0	4.45	4.20	4.03	3.86	3.61	3.44	3.27	3.19	3.10
180.0	3.78	3.69	3.52	3.36	3.27	3.19	3.10	3.02	3.02
225.0	4.20	4.11	3.78	3.52	3.44	3.36	3.19	3.02	2.94
270.0	5.54	5.29	5.03	4.70	4.28	4.20	4.11	3.86	3.52
315.0	4.11	3.86	3.52	3.36	3.27	3.19	3.02	2.85	2.77
360.0	3.94	3.78	3.61	3.27	3.19	3.19	3.02	3.02	2.94

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	2.85	2.85	2.77	2.77	2.77	2.60	2.60	2.60	2.43
45.0	3.27	3.10	3.10	3.10	3.02	2.77	2.68	2.60	2.60
90.0	3.61	3.52	3.44	3.36	3.19	3.02	2.94	2.77	2.68
135.0	2.94	2.85	2.85	2.77	2.68	2.68	2.60	2.52	2.43
180.0	2.94	2.85	2.77	2.77	2.68	2.60	2.52	2.52	2.43
225.0	2.85	2.85	2.68	2.68	2.60	2.52	2.43	2.43	2.35
270.0	3.44	3.36	3.27	3.19	3.02	2.85	2.85	2.68	2.68
315.0	2.77	2.68	2.60	2.52	2.52	2.43	2.35	2.35	2.27
360.0	2.85	2.85	2.77	2.77	2.77	2.60	2.60	2.60	2.43

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.43	2.35	2.35	2.27	2.10	2.01	1.93	1.93	1.85
45.0	2.52	2.43	2.43	2.35	2.18	2.01	1.93	1.85	1.93
90.0	2.60	2.52	2.43	2.27	2.10	2.01	1.93	1.85	1.76
135.0	2.35	2.27	2.35	2.18	2.01	2.01	1.93	1.85	1.85
180.0	2.43	2.35	2.27	2.18	2.10	2.01	1.93	1.85	1.93
225.0	2.27	2.27	2.10	1.93	1.93	1.85	1.85	1.76	1.68
270.0	2.52	2.52	2.35	2.18	2.01	1.93	1.85	1.76	1.68
315.0	2.27	2.18	2.10	2.01	1.93	1.85	1.85	1.68	1.59
360.0	2.43	2.35	2.35	2.27	2.10	2.01	1.93	1.93	1.85

Intensity data(cd)

C/γ(°)	90.0
0.0	1.68
45.0	1.76
90.0	1.76
135.0	1.76
180.0	1.68
225.0	1.68
270.0	1.68
315.0	1.59
360.0	1.68