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Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

NT

Client:
LumCAT: 1-1485-L
Luminaire: 92.70.427.00
Report No: 2024923-B005
Ballast type: AC

Test No: 2024923-C005	Voltage(V): 36.830
LampCAT: CITIZEN CLU701 LES6.0	Current(A): 0.320
Lamp flux(lm): 1397.0	Power (W): 11.785
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1127.97, Efficiency(%): 80.74% , Luminous Efficacy(lm/W): 95.71
Central intensity(cd): 4053.181, Maximum intensity(cd): 4053.181
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=25.0
[C90/270]Total=25.0
Field angle(10%Imax): [C0/180]Total=55.0
[C90/270]Total=55.0
Maximum s/h(1/2): C0_180=0.42 C90_270=0.42
Maximum s/h(1/4): C0_180=0.46 C90_270=0.46
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 80.74%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.079%

Equipment: GMS1980	Date: 2024/9/23	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4053.181	0.000	0	0.00%	0.00%
1.0	4034.453	3.870	3.87	0.28%	0.34%
2.0	3967.152	11.485	15.354	0.82%	1.36%
3.0	3862.105	18.725	34.079	1.34%	3.02%
4.0	3729.771	25.412	59.492	1.82%	5.27%
5.0	3566.639	31.389	90.881	2.25%	8.06%
6.0	3384.122	36.528	127.409	2.61%	11.30%
7.0	3180.537	40.747	168.155	2.92%	14.91%
8.0	2974.757	44.052	212.208	3.15%	18.81%
9.0	2775.269	46.601	258.809	3.34%	22.94%
10.0	2543.446	48.132	306.941	3.45%	27.21%
11.0	2333.424	48.730	355.671	3.49%	31.53%
12.0	2125.596	48.743	404.414	3.49%	35.85%
13.0	1939.202	48.239	452.653	3.45%	40.13%
14.0	1755.368	47.290	499.944	3.39%	44.32%
15.0	1541.687	45.263	545.207	3.24%	48.34%
16.0	1392.309	42.991	588.198	3.08%	52.15%
17.0	1265.220	41.385	629.583	2.96%	55.82%
18.0	1176.193	40.254	669.837	2.88%	59.38%
19.0	1059.667	38.899	708.736	2.78%	62.83%
20.0	967.260	37.098	745.834	2.66%	66.12%
21.0	880.859	35.488	781.322	2.54%	69.27%
22.0	801.458	33.807	815.129	2.42%	72.27%
23.0	726.030	32.051	847.18	2.29%	75.11%
24.0	649.900	30.083	877.263	2.15%	77.77%
25.0	578.012	27.920	905.183	2.00%	80.25%
26.0	510.367	25.691	930.874	1.84%	82.53%
27.0	437.470	23.189	954.063	1.66%	84.58%
28.0	375.400	20.580	974.643	1.47%	86.41%
29.0	313.856	18.033	992.676	1.29%	88.01%
30.0	271.332	15.800	1008.476	1.13%	89.41%
31.0	232.568	14.023	1022.499	1.00%	90.65%
32.0	191.391	12.146	1034.645	0.87%	91.73%
33.0	138.603	9.722	1044.366	0.70%	92.59%
34.0	113.899	7.641	1052.008	0.55%	93.27%
35.0	93.095	6.428	1058.436	0.46%	93.84%
36.0	76.416	5.397	1063.834	0.39%	94.31%
37.0	63.131	4.551	1068.385	0.33%	94.72%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	53.373	3.889	1072.274	0.28%	95.06%
39.0	44.755	3.349	1075.623	0.24%	95.36%
40.0	38.420	2.901	1078.524	0.21%	95.62%
41.0	32.897	2.540	1081.063	0.18%	95.84%
42.0	29.254	2.258	1083.321	0.16%	96.04%
43.0	26.108	2.051	1085.372	0.15%	96.22%
44.0	23.548	1.874	1087.246	0.13%	96.39%
45.0	21.427	1.728	1088.975	0.12%	96.54%
46.0	19.729	1.610	1090.584	0.12%	96.69%
47.0	18.164	1.507	1092.091	0.11%	96.82%
48.0	16.825	1.414	1093.506	0.10%	96.94%
49.0	15.684	1.335	1094.841	0.10%	97.06%
50.0	14.616	1.263	1096.104	0.09%	97.18%
51.0	13.716	1.199	1097.303	0.09%	97.28%
52.0	12.875	1.141	1098.444	0.08%	97.38%
53.0	12.180	1.090	1099.534	0.08%	97.48%
54.0	11.609	1.049	1100.582	0.08%	97.57%
55.0	11.090	1.013	1101.596	0.07%	97.66%
56.0	10.673	0.983	1102.579	0.07%	97.75%
57.0	10.285	0.958	1103.537	0.07%	97.83%
58.0	9.978	0.937	1104.474	0.07%	97.92%
59.0	9.707	0.920	1105.395	0.07%	98.00%
60.0	9.444	0.905	1106.299	0.06%	98.08%
61.0	9.261	0.893	1107.192	0.06%	98.16%
62.0	9.049	0.882	1108.074	0.06%	98.24%
63.0	8.873	0.872	1108.946	0.06%	98.31%
64.0	8.698	0.862	1109.808	0.06%	98.39%
65.0	8.530	0.853	1110.661	0.06%	98.47%
66.0	8.376	0.843	1111.504	0.06%	98.54%
67.0	8.208	0.834	1112.338	0.06%	98.61%
68.0	8.018	0.822	1113.16	0.06%	98.69%
69.0	7.835	0.809	1113.969	0.06%	98.76%
70.0	7.652	0.795	1114.764	0.06%	98.83%
71.0	7.484	0.782	1115.547	0.06%	98.90%
72.0	7.308	0.769	1116.316	0.06%	98.97%
73.0	7.147	0.756	1117.072	0.05%	99.03%
74.0	6.964	0.742	1117.813	0.05%	99.10%
75.0	6.796	0.727	1118.54	0.05%	99.16%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.635	0.713	1119.253	0.05%	99.23%
77.0	6.474	0.699	1119.952	0.05%	99.29%
78.0	6.328	0.685	1120.638	0.05%	99.35%
79.0	6.181	0.672	1121.31	0.05%	99.41%
80.0	6.057	0.660	1121.97	0.05%	99.47%
81.0	5.933	0.648	1122.618	0.05%	99.53%
82.0	5.816	0.637	1123.255	0.05%	99.58%
83.0	5.706	0.626	1123.881	0.04%	99.64%
84.0	5.596	0.616	1124.497	0.04%	99.69%
85.0	5.501	0.606	1125.103	0.04%	99.75%
86.0	5.391	0.595	1125.698	0.04%	99.80%
87.0	5.289	0.585	1126.283	0.04%	99.85%
88.0	5.172	0.573	1126.856	0.04%	99.90%
89.0	5.062	0.561	1127.417	0.04%	99.95%
90.0	5.004	0.552	1127.969	0.04%	100.00%

Zonal flux distribution table

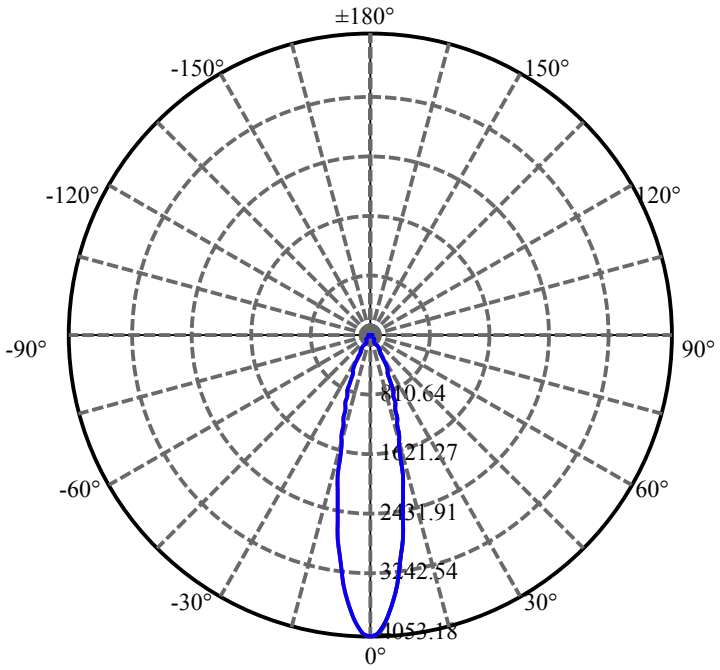
ZONAL LUMEN SUMMARY

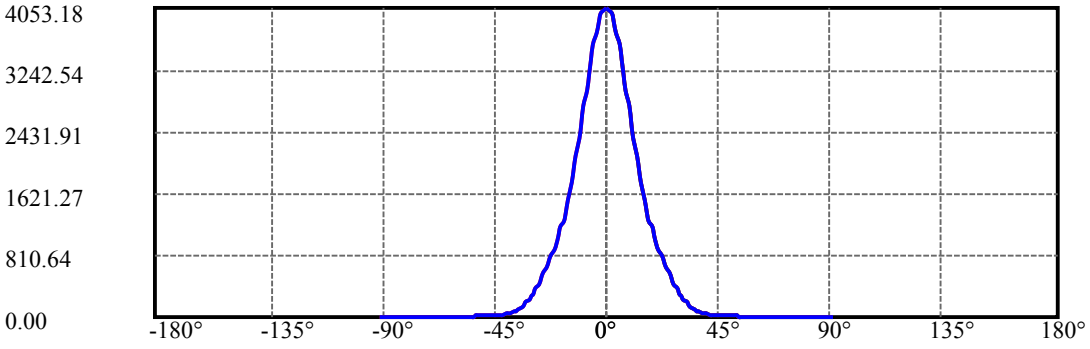
Zone	Lumens	%Lamp	%Fixt
0-30	1008.48	72.19%	89.41%
0-40	1078.52	77.20%	95.62%
0-60	1106.30	79.19%	98.08%
0-90	1127.42	80.70%	99.95%
0-120	1127.42	80.70%	99.95%
0-180	1127.97	80.74%	100.00%
60-90	21.12	1.51%	1.87%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-24.90	902.37	64.59%	80.00%

ZONAL LUMEN SUMMARY

0-10	306.94
10-20	438.89
20-30	262.64
30-40	70.05
40-50	17.58
50-60	10.20
60-70	8.46
70-80	7.21
80-90	5.45
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):

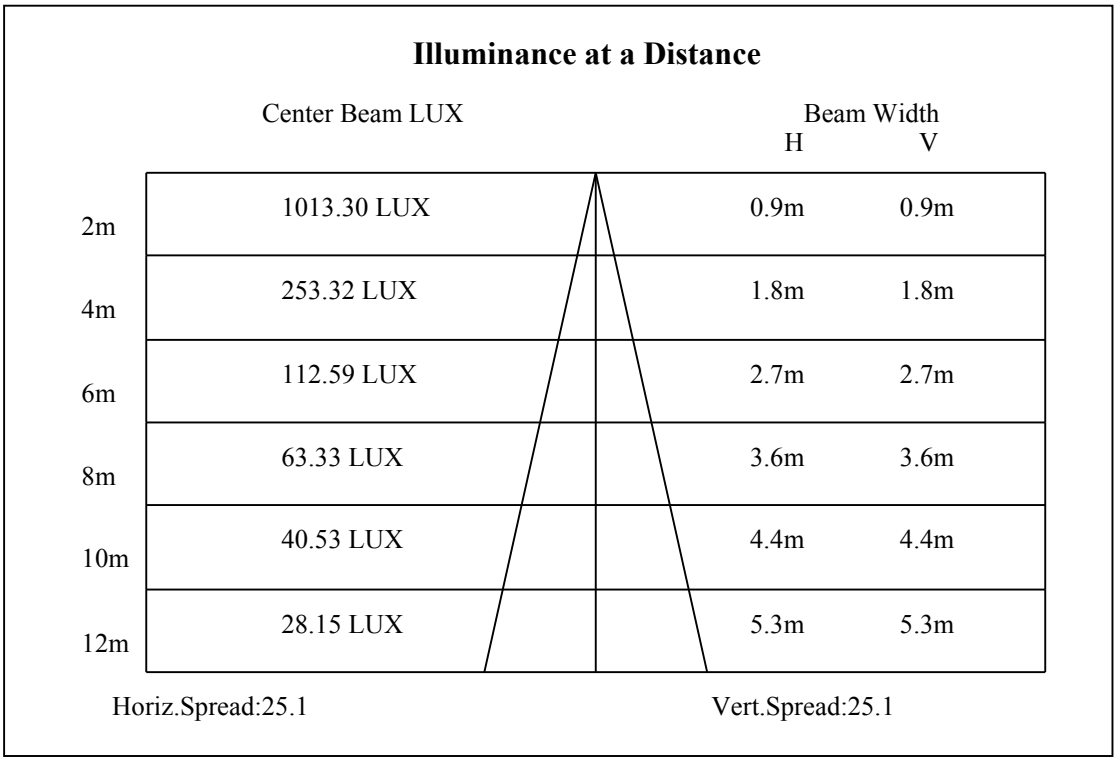
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:27.5 Right:27.5
:C90/270Left:27.5 Right:27.5

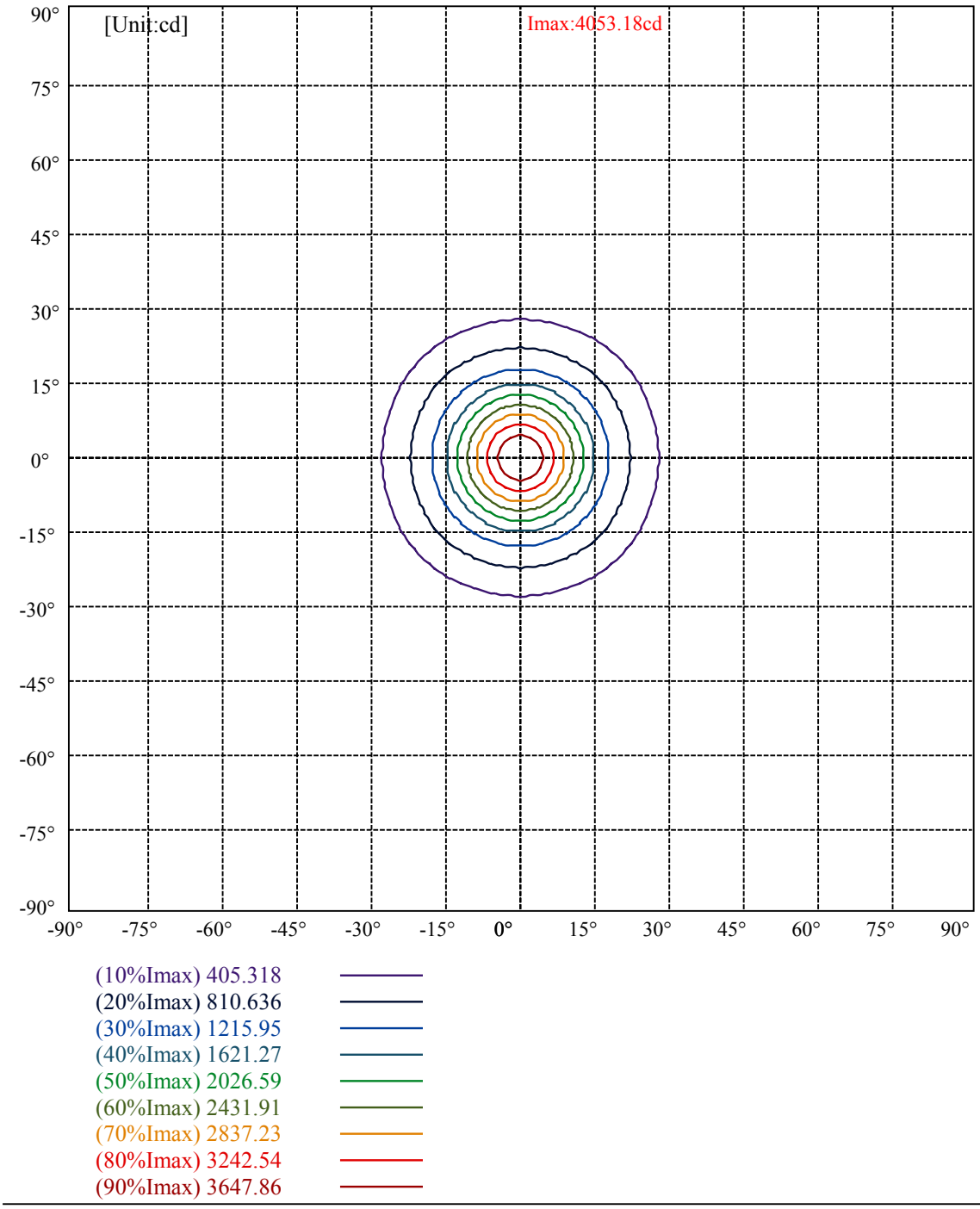
Beam Angle(50%Imax):C0/180Left:12.5 Right:12.5
:C90/270Left:12.5 Right:12.5

Lux distance Curve



Equipment: GMS1980 Date: 2024/9/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

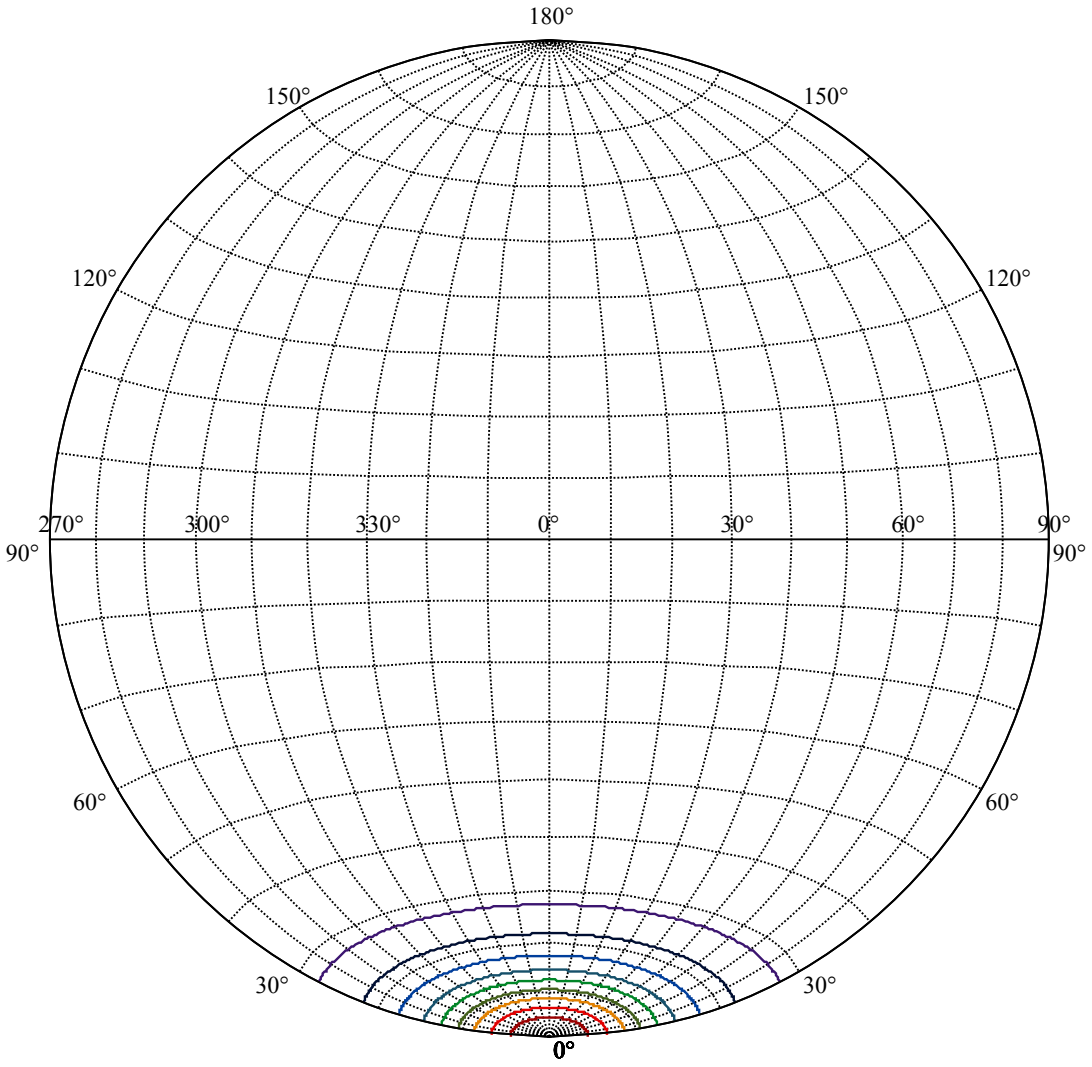


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/9/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



[Unit:cd]

Imax:4053.18

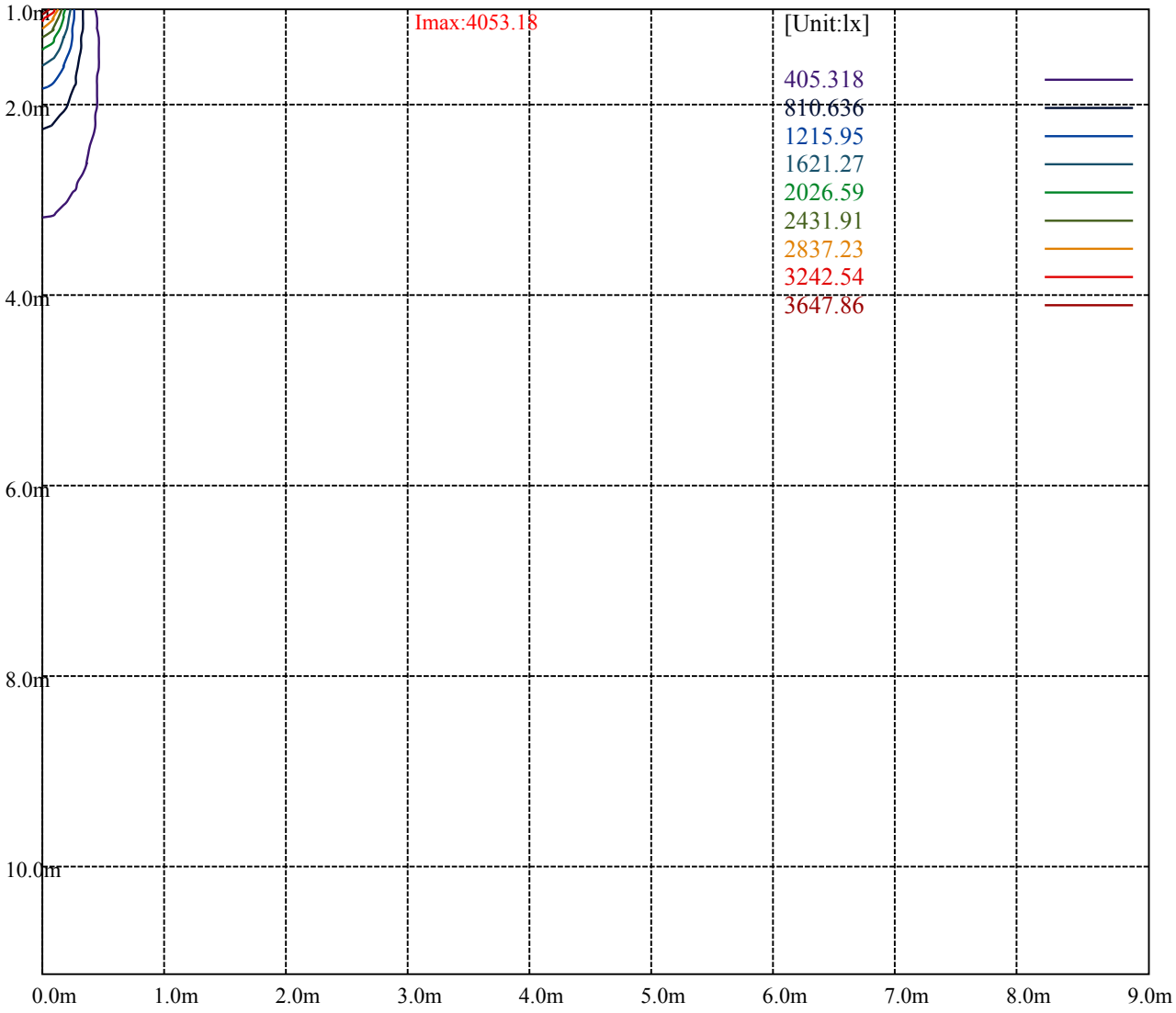
(10%Imax) 405.318
(20%Imax) 810.636
(30%Imax) 1215.95
(40%Imax) 1621.27
(50%Imax) 2026.59
(60%Imax) 2431.91
(70%Imax) 2837.23
(80%Imax) 3242.54
(90%Imax) 3647.86

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/9/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/9/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 1-1485-L

Luminance Limitting Curve(no luminous side)

Luminance Table

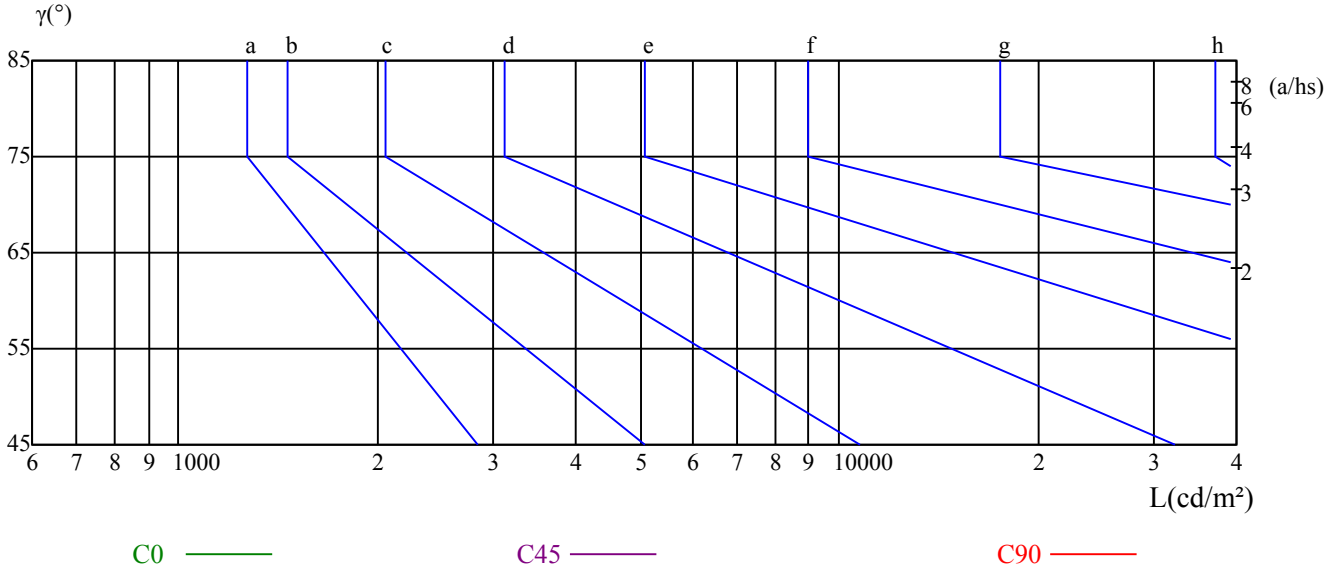
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	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

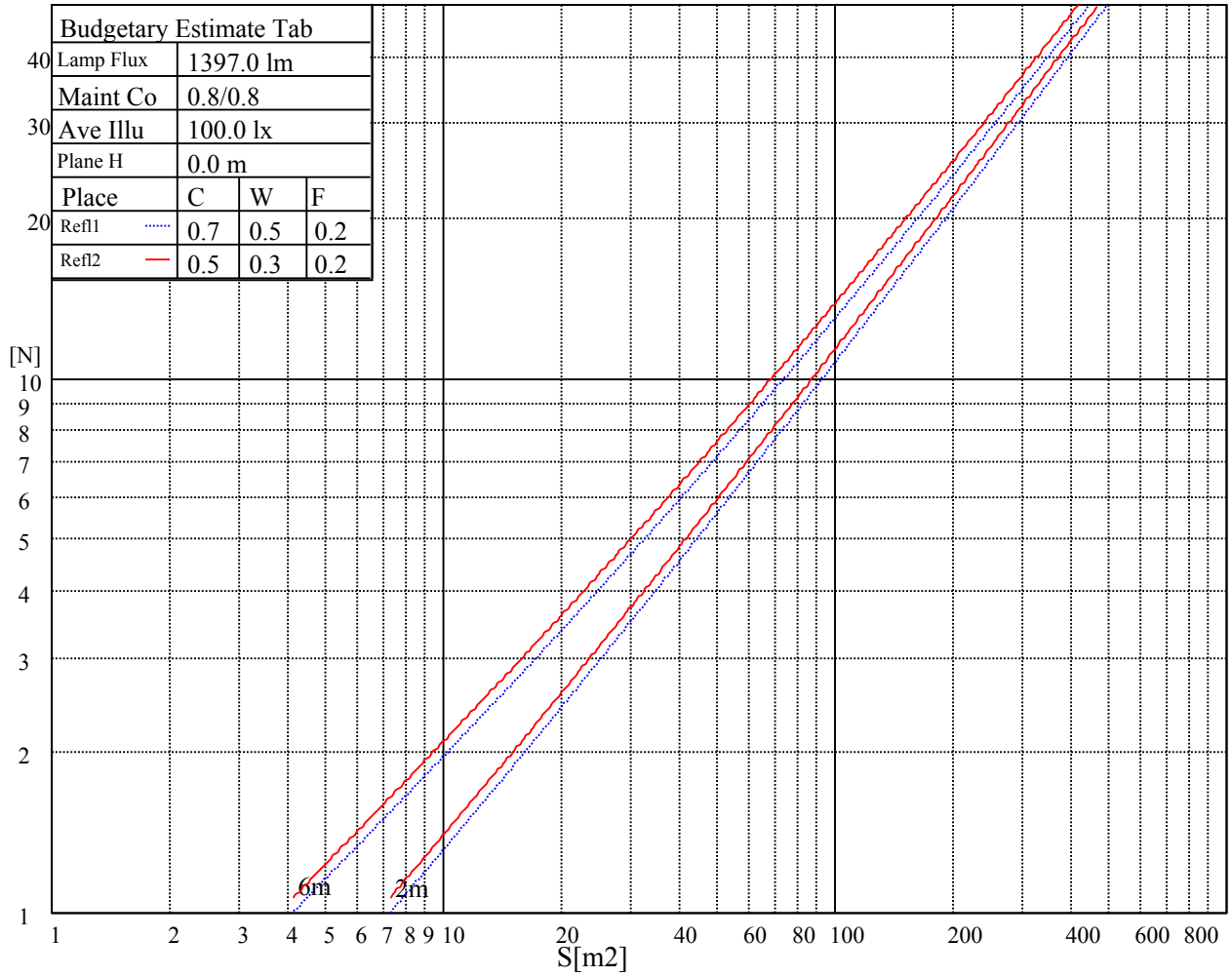
Luminance Limitting Curve



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	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
4H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
8H	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
12H	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

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

Budgetary Estimate Table

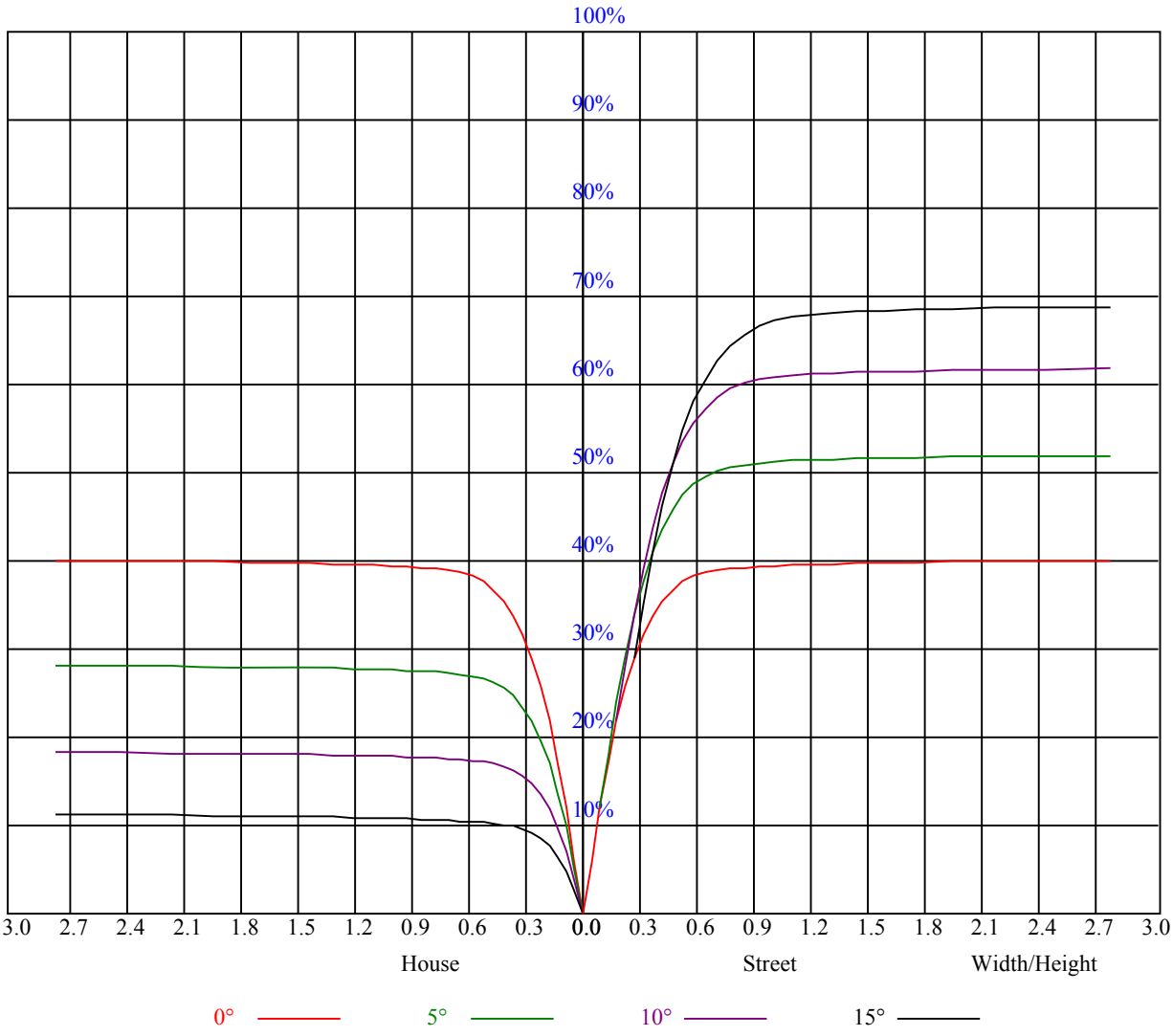


Equipment: GMS1980 Date: 2024/9/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

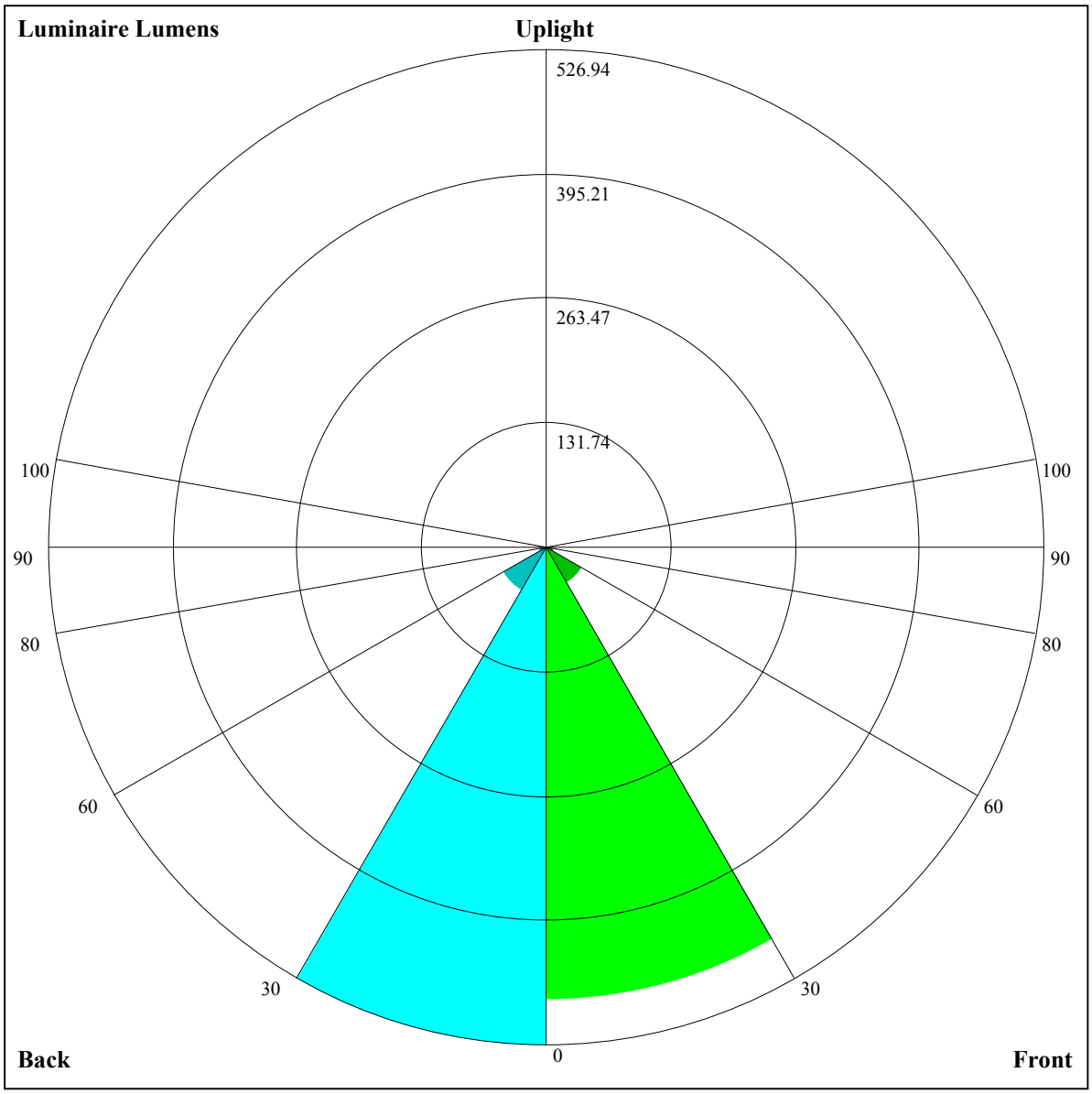
Utilization factor table for indoor luminaire

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	0.96	0.96	0.96	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.82	0.82	0.82	0.81
1	0.90	0.88	0.87	0.88	0.87	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77
2	0.85	0.82	0.80	0.84	0.81	0.79	0.81	0.79	0.77	0.79	0.77	0.76	0.77	0.75	0.74	0.73
3	0.81	0.78	0.75	0.80	0.77	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.74	0.72	0.71	0.70
4	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.69	0.73	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.70	0.68	0.66	0.69	0.67	0.65	0.64
6	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.64	0.63	0.62
7	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.65	0.61	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.63	0.60	0.58	0.57
9	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.55	0.60	0.57	0.55	0.60	0.57	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.53

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/9/23	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=478.78,FM=44.56,FH=7.71,FVH=2.96
BL=526.94,BM=53.33,BH=7.92,BVH=3.02
UL=0,UH=0

BUG Rating:B2-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	4048.65	3971.40	3874.83	3736.72	3530.14	3351.06	3162.61	2965.39	2710.82
45.0	4048.06	4063.28	4028.75	3936.87	3825.09	3679.37	3510.24	3271.47	3067.81
90.0	4066.79	4048.65	3971.40	3873.66	3746.08	3559.40	3389.10	3158.52	2954.86
135.0	4049.23	4079.08	4062.11	4014.70	3925.75	3787.63	3648.94	3488.00	3269.13
180.0	4048.65	4060.93	4034.01	3949.16	3853.18	3733.21	3541.84	3375.64	3200.07
225.0	4048.06	4013.53	3929.26	3791.15	3657.71	3488.00	3256.25	3054.93	2855.37
270.0	4066.79	4049.23	3993.63	3888.29	3762.47	3612.65	3441.77	3204.75	3012.21
315.0	4049.23	3989.54	3843.23	3706.29	3537.74	3321.80	3122.23	2925.60	2727.79
360.0	4048.65	3971.40	3874.83	3736.72	3530.14	3351.06	3162.61	2965.39	2710.82

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2506.58	2307.60	2057.12	1873.95	1658.59	1499.99	1167.29	1167.29	1121.53
45.0	2865.91	2652.88	2405.92	2206.94	2020.84	1848.20	1635.18	1476.58	1305.70
90.0	2753.54	2501.90	2310.53	2119.16	1928.37	1715.35	1555.00	1308.04	1153.83
135.0	3070.15	2857.13	2651.71	2405.33	2212.79	2029.03	1856.98	1649.81	1497.65
180.0	3018.06	2788.07	2583.83	2394.21	2211.62	1988.65	1816.60	1665.61	1495.31
225.0	2654.05	2410.02	2220.99	2043.66	1881.56	1691.94	1543.30	1293.99	1152.72
270.0	2815.58	2566.86	2370.22	2123.84	1933.06	1756.32	1603.58	1421.57	1291.65
315.0	2518.28	2263.12	2067.07	1837.67	1666.78	1513.45	1155.59	1155.59	1103.38
360.0	2506.58	2307.60	2057.12	1873.95	1658.59	1499.99	1167.29	1167.29	1121.53

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1034.68	959.01	889.54	796.14	721.76	652.99	581.60	494.46	429.03
45.0	1185.14	1078.63	965.09	881.41	811.18	749.73	672.48	608.69	544.90
90.0	1153.83	1026.78	937.65	858.41	771.44	700.92	613.90	549.76	490.59
135.0	1362.46	1209.72	1107.89	992.01	908.33	830.49	759.68	674.24	608.11
180.0	1363.63	1214.40	1119.01	1027.71	944.61	849.81	771.39	693.55	628.00
225.0	1152.72	1029.00	947.60	871.99	800.00	707.13	637.78	573.64	506.69
270.0	1173.43	1061.07	949.88	868.53	791.28	720.47	633.27	568.90	489.89
315.0	983.65	898.73	821.42	750.67	663.06	596.70	529.10	460.86	385.72
360.0	1034.68	959.01	889.54	796.14	721.76	652.99	581.60	494.46	429.03

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	349.38	293.90	245.97	193.24	159.24	131.62	105.34	88.19	74.62
45.0	480.53	396.26	334.22	305.55	305.55	177.73	146.19	120.38	94.34
90.0	408.31	349.03	293.78	243.86	190.55	155.73	128.11	105.57	82.69
135.0	541.98	475.85	394.50	333.05	304.38	304.38	172.17	141.16	115.93
180.0	540.22	476.43	412.06	352.36	306.13	306.13	184.99	145.43	120.56
225.0	424.76	363.95	306.31	255.68	202.02	166.73	131.21	108.85	89.48
270.0	424.35	368.17	300.28	300.28	242.58	162.52	133.61	109.61	90.94
315.0	330.24	279.62	223.73	186.63	150.11	126.29	107.21	92.00	76.20
360.0	349.38	293.90	245.97	193.24	159.24	131.62	105.34	88.19	74.62

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	63.44	52.61	45.47	39.09	34.06	29.03	25.87	23.35	20.89
45.0	77.89	61.62	51.56	43.42	37.04	31.19	27.86	25.16	22.82
90.0	68.59	57.47	46.76	40.15	35.35	30.72	27.86	24.81	22.71
135.0	92.47	77.66	65.90	53.90	46.12	38.39	33.83	30.20	27.15
180.0	100.01	78.77	66.36	53.78	45.59	39.15	34.35	29.85	26.86
225.0	71.22	59.87	50.86	43.37	36.34	32.19	28.97	26.45	24.05
270.0	72.80	61.45	52.61	45.47	39.44	33.18	29.14	25.93	22.82
315.0	64.90	55.60	47.46	38.86	33.42	29.32	26.16	23.12	21.07
360.0	63.44	52.61	45.47	39.09	34.06	29.03	25.87	23.35	20.89

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	19.20	17.79	16.27	15.27	14.40	13.40	12.76	12.11	11.65
45.0	20.37	18.73	17.32	15.92	14.81	13.93	12.93	12.23	11.59
90.0	20.95	19.31	17.91	16.39	15.27	14.28	13.46	12.58	12.00
135.0	24.17	22.18	20.42	18.79	17.21	16.09	15.04	14.16	13.23
180.0	24.46	22.36	20.19	18.67	17.38	16.15	14.86	13.93	12.93
225.0	22.41	21.01	19.37	18.20	17.03	15.63	14.63	13.46	12.64
270.0	20.83	18.79	17.44	16.27	15.22	14.10	13.34	12.64	12.00
315.0	19.02	17.67	16.39	15.10	14.16	13.34	12.70	11.88	11.41
360.0	19.20	17.79	16.27	15.27	14.40	13.40	12.76	12.11	11.65

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	11.12	10.77	10.42	10.18	9.89	9.60	9.36	9.25	9.07
45.0	11.12	10.65	10.36	9.95	9.71	9.48	9.31	9.07	8.84
90.0	11.47	10.89	10.53	10.12	9.83	9.60	9.36	9.13	9.01
135.0	12.58	11.88	11.41	11.00	10.53	10.24	9.95	9.71	9.42
180.0	12.35	11.76	11.18	10.71	10.42	10.07	9.71	9.54	9.31
225.0	11.94	11.35	10.77	10.36	10.01	9.71	9.42	9.25	9.07
270.0	11.35	10.89	10.53	10.12	9.83	9.60	9.31	9.13	8.90
315.0	10.94	10.53	10.18	9.83	9.60	9.36	9.13	9.01	8.78
360.0	11.12	10.77	10.42	10.18	9.89	9.60	9.36	9.25	9.07

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.90	8.72	8.54	8.37	8.19	8.02	7.84	7.67	7.43
45.0	8.72	8.54	8.37	8.25	8.08	7.90	7.72	7.55	7.37
90.0	8.84	8.66	8.49	8.37	8.19	7.96	7.78	7.61	7.43
135.0	9.25	9.07	8.90	8.72	8.60	8.43	8.19	8.02	7.84
180.0	9.13	8.95	8.78	8.66	8.49	8.31	8.13	7.96	7.78
225.0	8.84	8.66	8.49	8.31	8.13	7.96	7.78	7.61	7.43
270.0	8.72	8.54	8.43	8.25	8.08	7.90	7.72	7.49	7.37
315.0	8.60	8.43	8.25	8.08	7.90	7.67	7.49	7.32	7.20
360.0	8.90	8.72	8.54	8.37	8.19	8.02	7.84	7.67	7.43

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.26	7.14	6.91	6.79	6.61	6.44	6.32	6.14	6.03
45.0	7.20	7.02	6.85	6.73	6.55	6.44	6.26	6.14	6.03
90.0	7.26	7.08	6.91	6.73	6.55	6.38	6.26	6.09	5.97
135.0	7.67	7.49	7.32	7.08	6.96	6.79	6.61	6.50	6.32
180.0	7.67	7.49	7.32	7.14	6.96	6.79	6.61	6.50	6.38
225.0	7.26	7.08	6.91	6.73	6.61	6.44	6.32	6.14	6.03
270.0	7.20	7.02	6.85	6.67	6.50	6.32	6.20	6.03	5.91
315.0	6.96	6.85	6.67	6.50	6.32	6.20	6.03	5.91	5.79
360.0	7.26	7.14	6.91	6.79	6.61	6.44	6.32	6.14	6.03

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.91	5.79	5.74	5.62	5.62	5.44	5.38	5.09	4.97
45.0	5.85	5.74	5.62	5.56	5.44	5.33	5.27	5.21	5.03
90.0	5.85	5.68	5.62	5.50	5.44	5.27	5.15	5.09	4.97
135.0	6.20	6.09	5.91	5.79	5.68	5.62	5.44	5.33	5.21
180.0	6.20	6.09	6.03	5.85	5.74	5.62	5.50	5.38	5.27
225.0	5.97	5.85	5.68	5.62	5.44	5.38	5.27	5.21	5.09
270.0	5.79	5.68	5.56	5.44	5.33	5.27	5.15	5.09	4.97
315.0	5.68	5.62	5.50	5.38	5.33	5.21	5.15	4.97	4.97
360.0	5.91	5.79	5.74	5.62	5.62	5.44	5.38	5.09	4.97

Intensity data(cd)

C/γ(°)	90.0
0.0	4.97
45.0	4.92
90.0	4.92
135.0	5.15
180.0	5.21
225.0	4.97
270.0	4.92
315.0	4.97
360.0	4.97