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

Nata

Client:
LumCAT: 2-2565-L
Luminaire: 92.70.411.00
Report No: 2024830-B010
Ballast type: AC

Test No: 2024830-C010	Voltage(V): 36.440
LampCAT: LUMILEDS LUXEON CoB 1205	Current(A): 0.598
Lamp flux(lm): 2555.0	Power (W): 21.790
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2322.64, Efficiency(%): 90.91% , Luminous Efficacy(lm/W): 106.59
Central intensity(cd): 7599.171, Maximum intensity(cd): 7599.171
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=24.6
[C90/270]Total=24.6
Field angle(10%Imax): [C0/180]Total=61.6
[C90/270]Total=61.6
Maximum s/h(1/2): C0_180=0.41 C90_270=0.41
Maximum s/h(1/4): C0_180=0.47 C90_270=0.47
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.91%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 99.115%

Nata 2-2565-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7599.171	0.000	0	0.00%	0.00%
1.0	7545.038	7.246	7.246	0.28%	0.31%
2.0	7403.934	21.456	28.702	0.84%	1.24%
3.0	7182.600	34.886	63.589	1.37%	2.74%
4.0	6895.536	47.124	110.713	1.84%	4.77%
5.0	6559.071	57.881	168.594	2.27%	7.26%
6.0	6217.395	67.144	235.737	2.63%	10.15%
7.0	5781.198	74.475	310.212	2.91%	13.36%
8.0	5426.710	80.213	390.425	3.14%	16.81%
9.0	5009.817	84.582	475.008	3.31%	20.45%
10.0	4589.508	86.870	561.878	3.40%	24.19%
11.0	4261.130	88.436	650.314	3.46%	28.00%
12.0	3907.187	89.291	739.605	3.49%	31.84%
13.0	3577.194	88.821	828.426	3.48%	35.67%
14.0	3316.799	88.243	916.669	3.45%	39.47%
15.0	2989.670	86.578	1003.247	3.39%	43.19%
16.0	2751.220	84.120	1087.367	3.29%	46.82%
17.0	2522.356	82.124	1169.491	3.21%	50.35%
18.0	2306.804	79.622	1249.113	3.12%	53.78%
19.0	2113.196	76.899	1326.012	3.01%	57.09%
20.0	1938.880	74.164	1400.176	2.90%	60.28%
21.0	1785.305	71.512	1471.688	2.80%	63.36%
22.0	1647.749	68.989	1540.677	2.70%	66.33%
23.0	1525.732	66.588	1607.265	2.61%	69.20%
24.0	1399.483	63.956	1671.221	2.50%	71.95%
25.0	1295.764	61.284	1732.505	2.40%	74.59%
26.0	1209.956	59.148	1791.652	2.31%	77.14%
27.0	1120.087	57.005	1848.657	2.23%	79.59%
28.0	1029.502	54.423	1903.081	2.13%	81.94%
29.0	945.567	51.673	1954.754	2.02%	84.16%
30.0	837.058	48.130	2002.884	1.88%	86.23%
31.0	734.476	43.733	2046.618	1.71%	88.12%
32.0	637.524	39.306	2085.924	1.54%	89.81%
33.0	531.788	34.448	2120.372	1.35%	91.29%
34.0	440.855	29.435	2149.807	1.15%	92.56%
35.0	361.039	24.904	2174.711	0.97%	93.63%
36.0	288.884	20.694	2195.405	0.81%	94.52%
37.0	214.547	16.419	2211.824	0.64%	95.23%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	176.774	13.062	2224.886	0.51%	95.79%
39.0	131.380	10.518	2235.404	0.41%	96.24%
40.0	93.765	7.852	2243.256	0.31%	96.58%
41.0	78.883	6.148	2249.404	0.24%	96.85%
42.0	68.430	5.352	2254.756	0.21%	97.08%
43.0	59.770	4.749	2259.505	0.19%	97.28%
44.0	52.792	4.248	2263.754	0.17%	97.46%
45.0	46.518	3.817	2267.57	0.15%	97.63%
46.0	40.986	3.422	2270.992	0.13%	97.78%
47.0	37.306	3.114	2274.106	0.12%	97.91%
48.0	33.397	2.858	2276.964	0.11%	98.03%
49.0	30.335	2.617	2279.582	0.10%	98.15%
50.0	28.489	2.453	2282.034	0.10%	98.25%
51.0	26.248	2.316	2284.35	0.09%	98.35%
52.0	24.836	2.192	2286.542	0.09%	98.45%
53.0	23.633	2.108	2288.65	0.08%	98.54%
54.0	22.484	2.033	2290.683	0.08%	98.62%
55.0	21.807	1.977	2292.66	0.08%	98.71%
56.0	21.156	1.941	2294.601	0.08%	98.79%
57.0	20.657	1.912	2296.513	0.07%	98.87%
58.0	20.171	1.888	2298.401	0.07%	98.96%
59.0	19.698	1.864	2300.265	0.07%	99.04%
60.0	19.067	1.831	2302.097	0.07%	99.12%
61.0	18.279	1.782	2303.879	0.07%	99.19%
62.0	17.326	1.716	2305.594	0.07%	99.27%
63.0	16.176	1.629	2307.224	0.06%	99.34%
64.0	14.862	1.523	2308.747	0.06%	99.40%
65.0	13.443	1.401	2310.148	0.05%	99.46%
66.0	12.142	1.277	2311.424	0.05%	99.52%
67.0	10.644	1.146	2312.57	0.04%	99.57%
68.0	9.632	1.027	2313.597	0.04%	99.61%
69.0	8.581	0.929	2314.526	0.04%	99.65%
70.0	7.464	0.824	2315.35	0.03%	99.69%
71.0	6.919	0.743	2316.094	0.03%	99.72%
72.0	6.262	0.685	2316.779	0.03%	99.75%
73.0	5.795	0.630	2317.409	0.02%	99.77%
74.0	5.401	0.589	2317.998	0.02%	99.80%
75.0	4.980	0.548	2318.546	0.02%	99.82%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.632	0.510	2319.057	0.02%	99.85%
77.0	4.271	0.475	2319.531	0.02%	99.87%
78.0	3.896	0.437	2319.969	0.02%	99.88%
79.0	3.522	0.399	2320.367	0.02%	99.90%
80.0	3.160	0.360	2320.727	0.01%	99.92%
81.0	2.825	0.324	2321.051	0.01%	99.93%
82.0	2.484	0.288	2321.339	0.01%	99.94%
83.0	2.208	0.255	2321.594	0.01%	99.95%
84.0	1.912	0.224	2321.818	0.01%	99.96%
85.0	1.682	0.196	2322.014	0.01%	99.97%
86.0	1.439	0.171	2322.185	0.01%	99.98%
87.0	1.202	0.145	2322.33	0.01%	99.99%
88.0	0.999	0.121	2322.45	0.00%	99.99%
89.0	0.894	0.104	2322.554	0.00%	100.00%
90.0	0.756	0.090	2322.644	0.00%	100.00%

Zonal flux distribution table

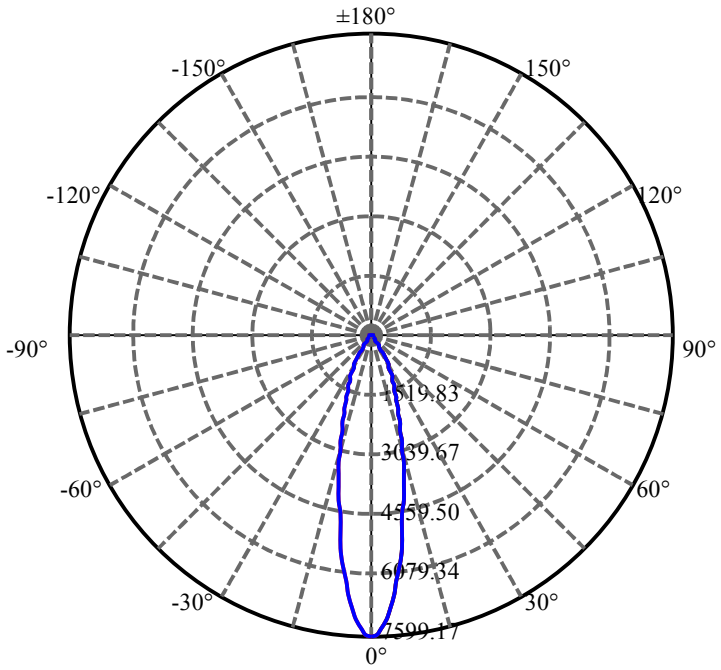
ZONAL LUMEN SUMMARY

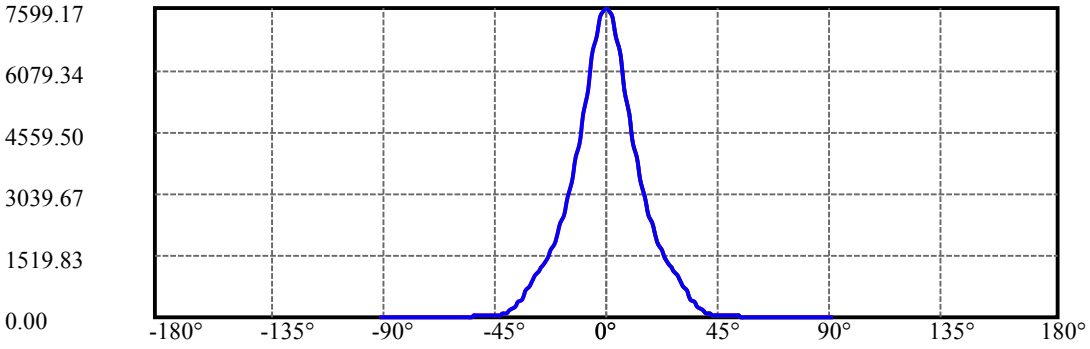
Zone	Lumens	%Lamp	%Fixt
0-30	2002.88	78.39%	86.23%
0-40	2243.26	87.80%	96.58%
0-60	2302.10	90.10%	99.12%
0-90	2322.55	90.90%	100.00%
0-120	2322.55	90.90%	100.00%
0-180	2322.64	90.91%	100.00%
60-90	20.46	0.80%	0.88%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.17	1858.12	72.72%	80.00%

ZONAL LUMEN SUMMARY

0-10	561.88
10-20	838.30
20-30	602.71
30-40	240.37
40-50	38.78
50-60	20.06
60-70	13.25
70-80	5.38
80-90	1.83
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):

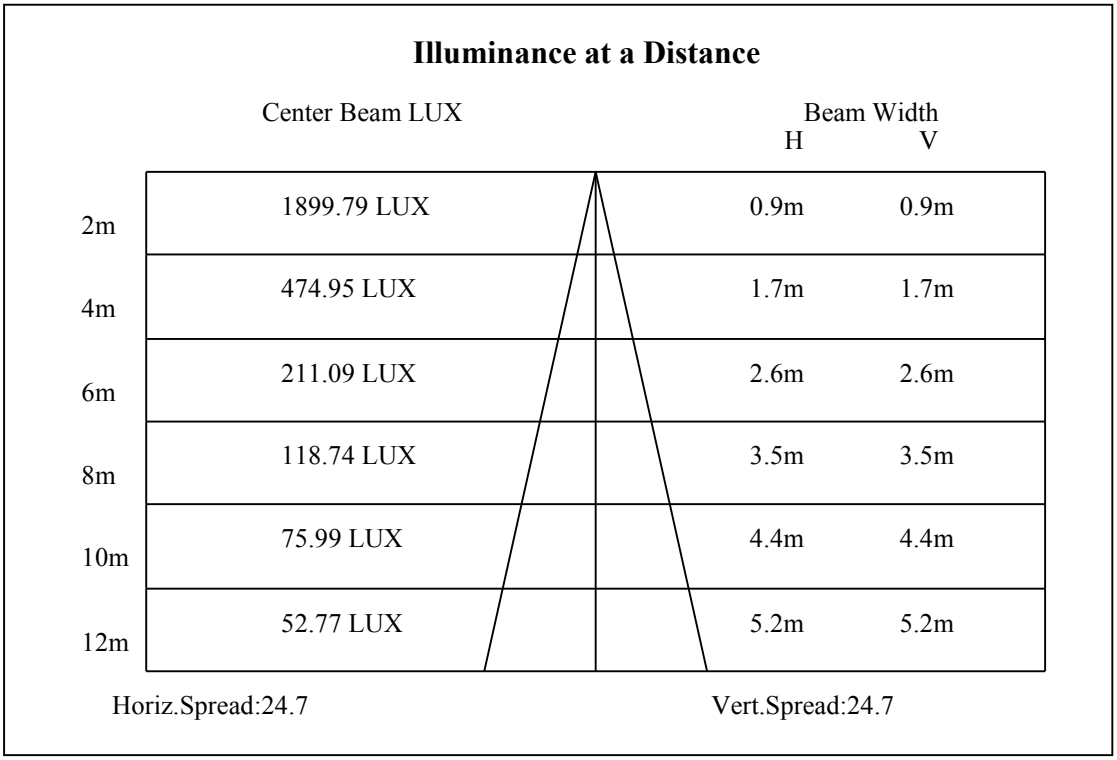
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:30.8 Right:30.8
:C90/270Left:30.8 Right:30.8

Beam Angle(50%Imax):C0/180Left:12.3 Right:12.3
:C90/270Left:12.3 Right:12.3

Lux distance Curve

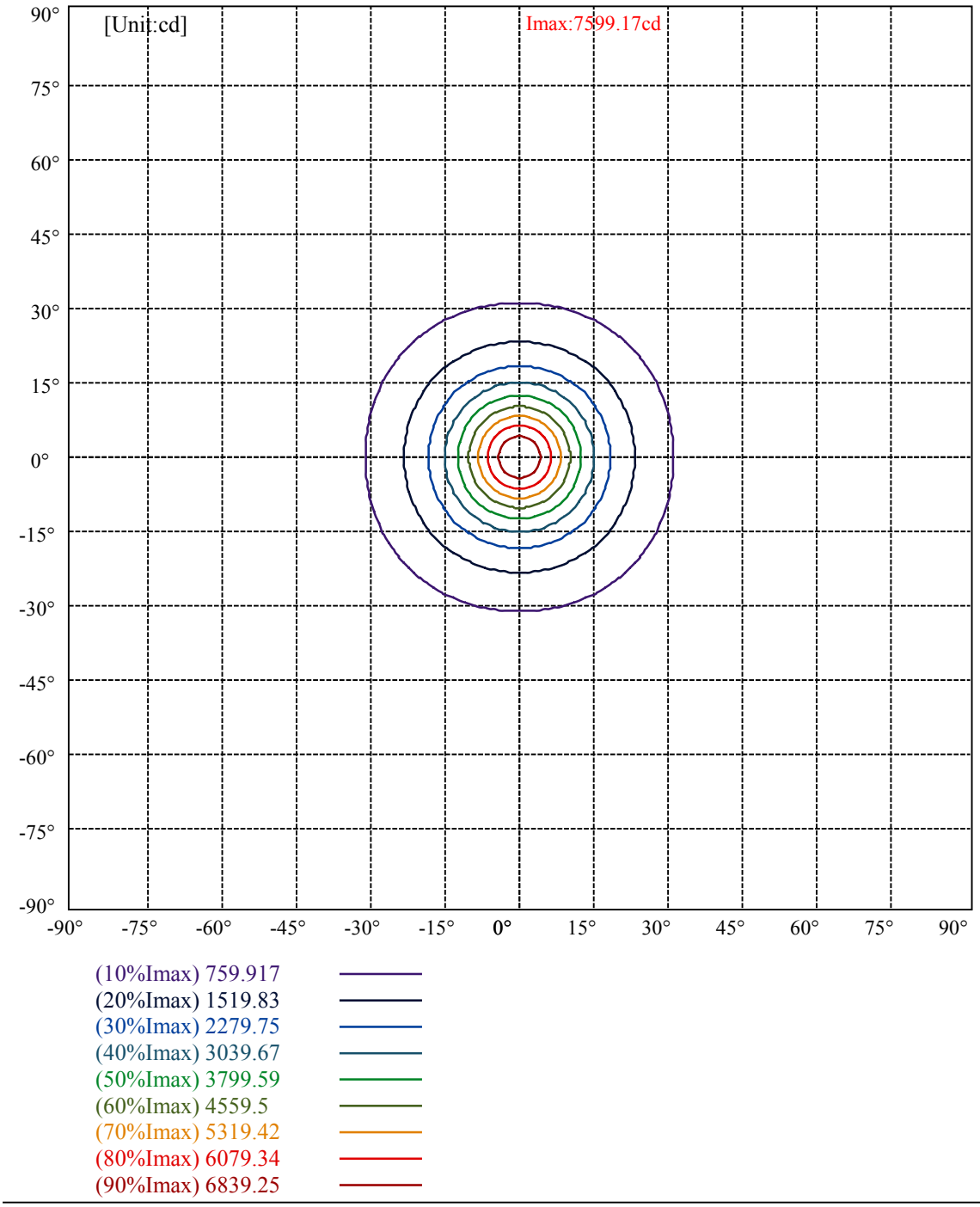


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

ISO-Intensity(V-H)

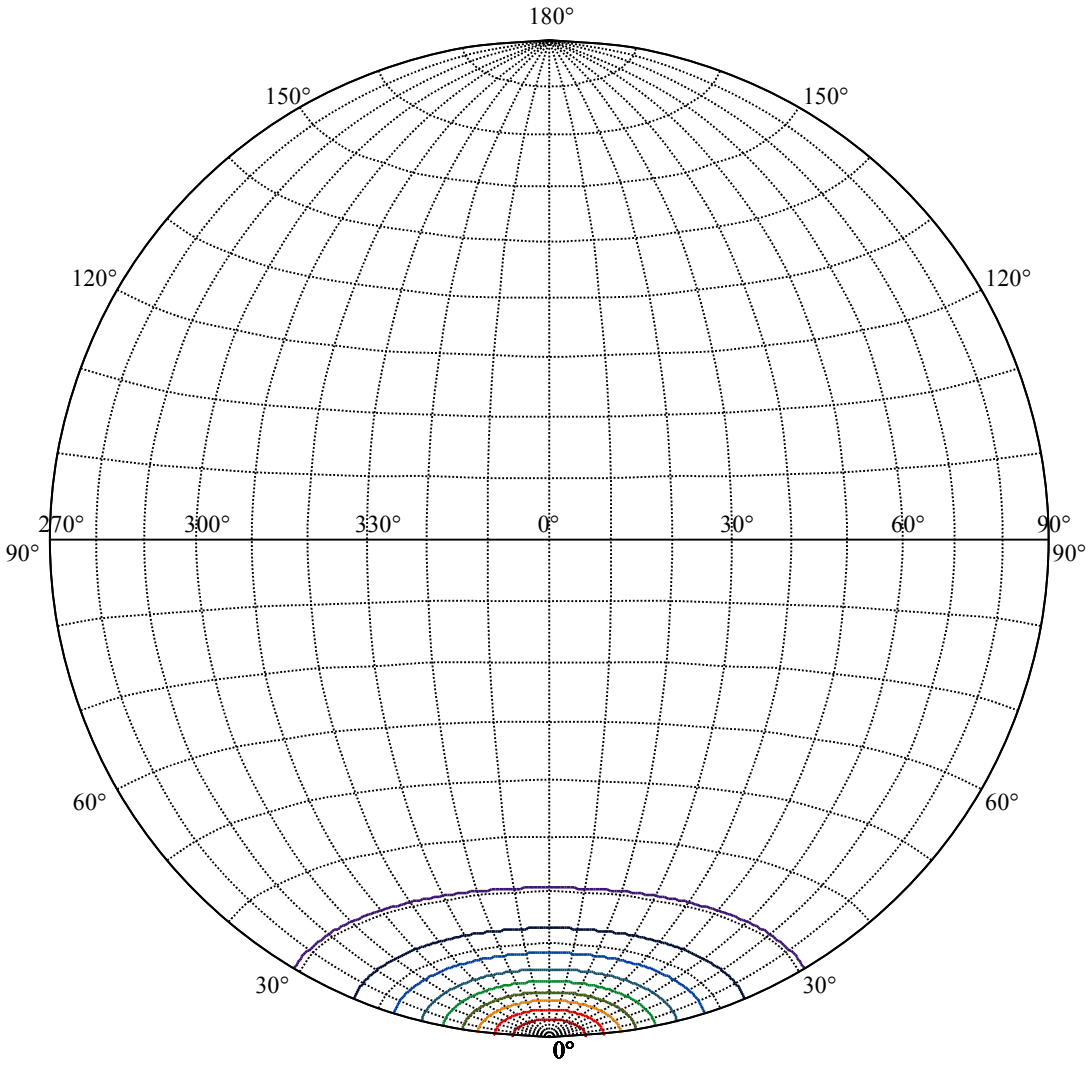


Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:7599.17

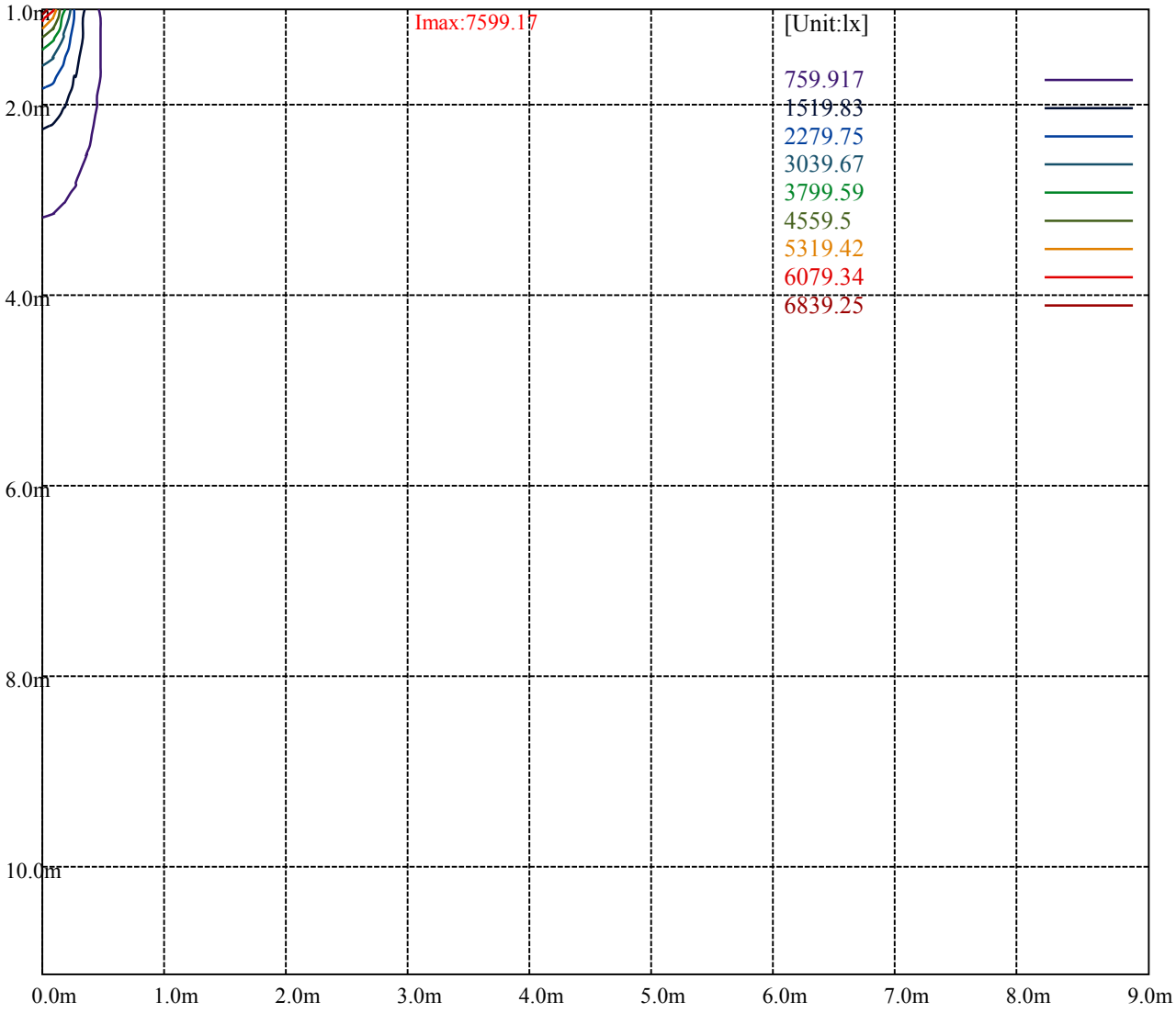
(10%Imax) 759.917
(20%Imax) 1519.83
(30%Imax) 2279.75
(40%Imax) 3039.67
(50%Imax) 3799.59
(60%Imax) 4559.5
(70%Imax) 5319.42
(80%Imax) 6079.34
(90%Imax) 6839.25

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

Space ISO Lux diagram



Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

Nata 2-2565-L

Luminance Limitting Curve(no luminous side)

Luminance Table

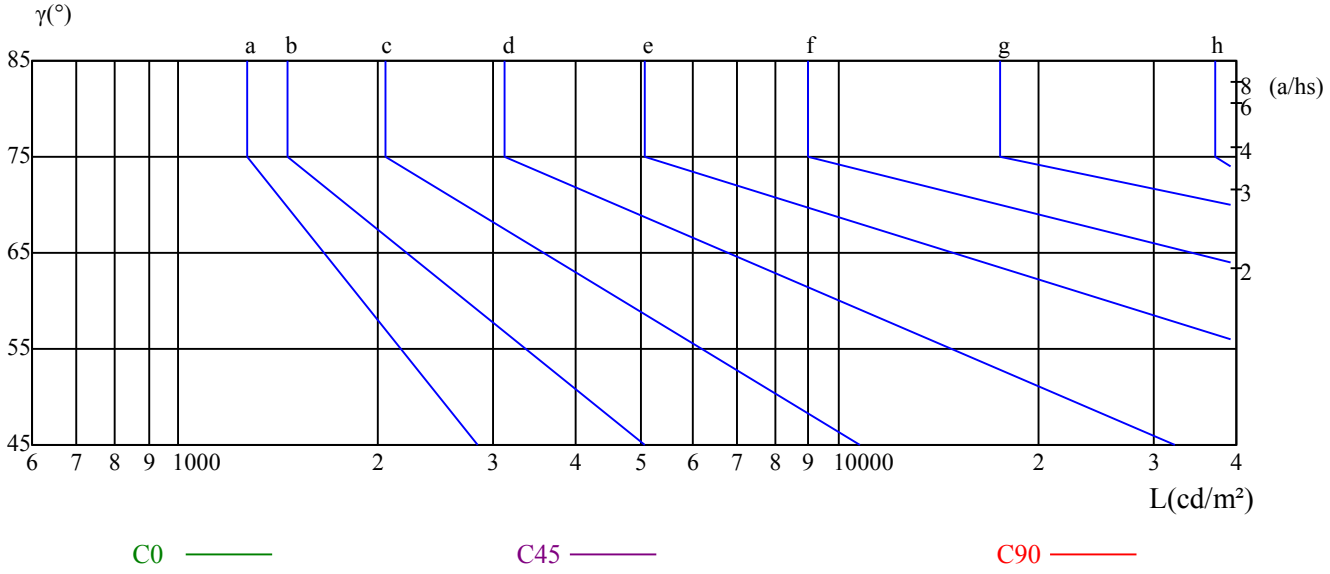
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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



Equipment: GMS 1800
Temperature(°C): 25.0

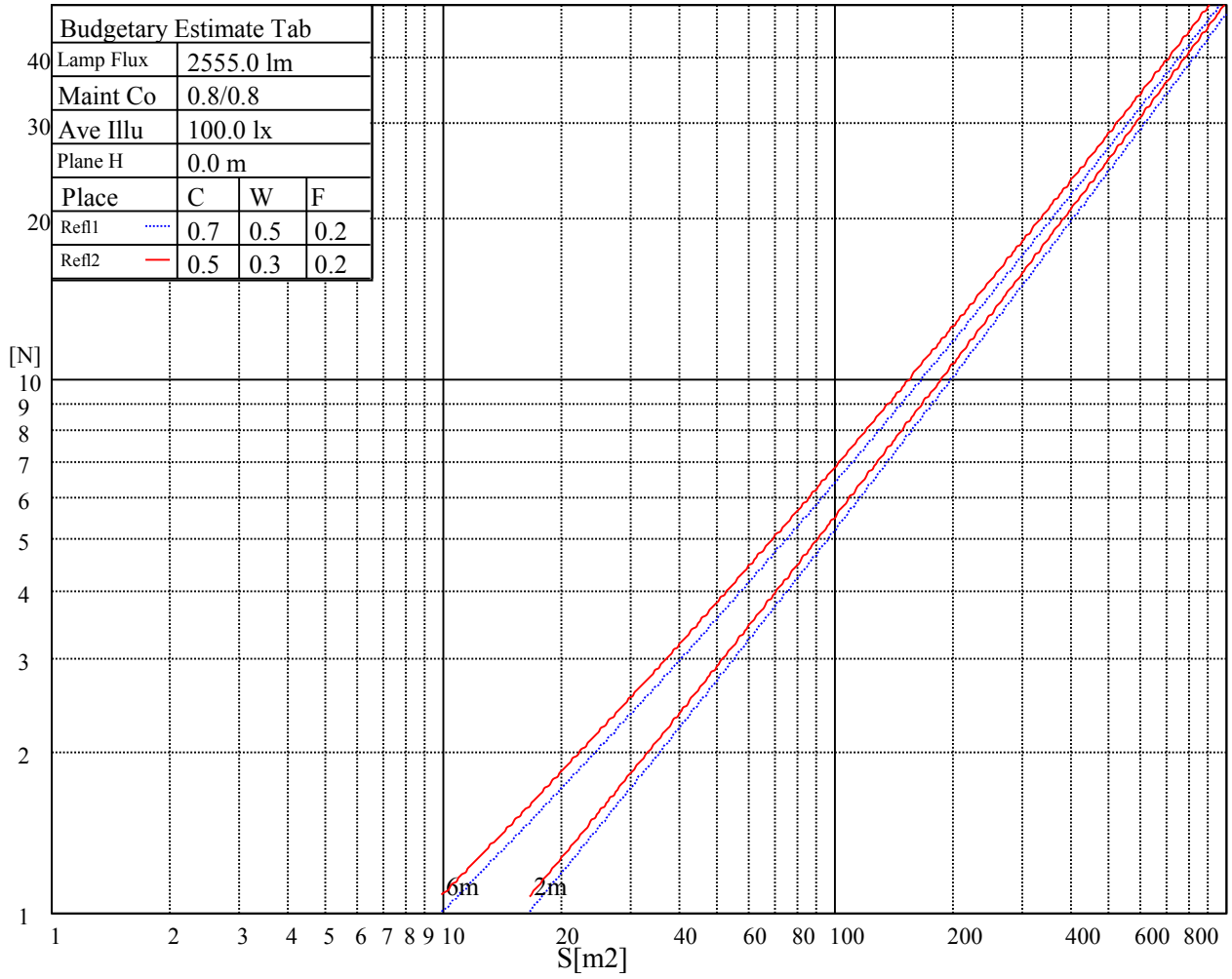
Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

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: GMS 1800
Temperature(°C): 25.0

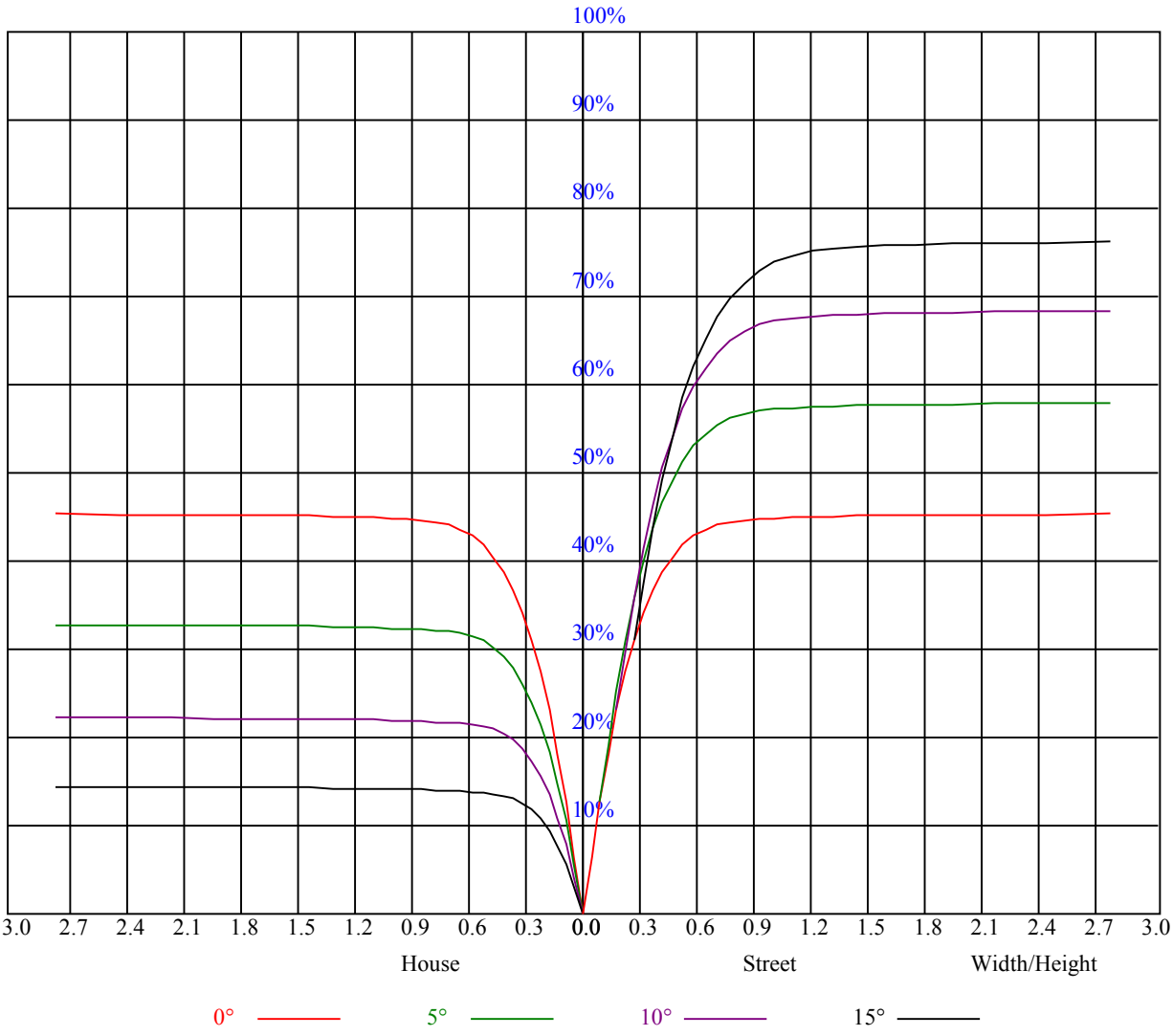
Date: 2024/8/30
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

Utilization factor table for indoor luminaire

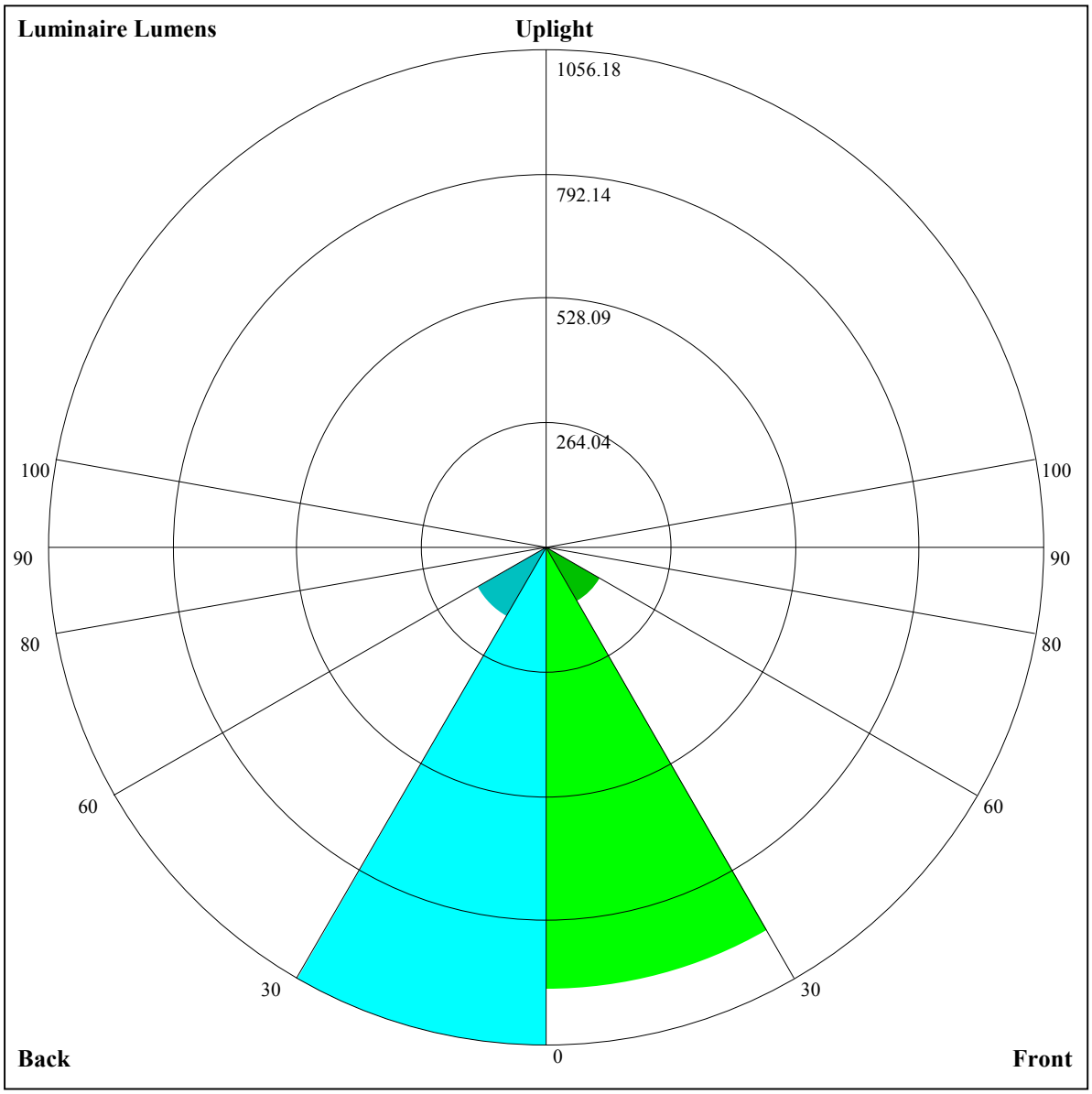
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.08	1.08	1.08	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.02	1.00	0.98	1.00	0.98	0.96	0.96	0.95	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.86
2	0.96	0.93	0.90	0.94	0.92	0.89	0.91	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.84	0.82
3	0.91	0.87	0.84	0.90	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	0.74
5	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
6	0.78	0.74	0.71	0.78	0.73	0.70	0.76	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.68
7	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
8	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.62
9	0.69	0.65	0.62	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.60
10	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.58

Coefficient Utilization Curve



Equipment: GMS 1800	Date: 2024/8/30	Operator: NT
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.25

LCS Graph



Luminaire Lumens:

FL=940.34,FM=133.42,FH=8.75,FVH=0.87

BL=1056.18,BM=169.34,BH=9.82,BVH=1.05

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	7454.05	7188.82	6884.06	6521.32	6124.64	5699.51	5269.92	4868.23	4495.46
45.0	7679.70	7527.00	7292.42	6998.80	6646.11	6261.67	6009.31	5411.47	5159.64
90.0	7606.11	7397.75	7139.20	6824.98	6466.71	6060.56	5621.51	5211.41	4805.26
135.0	7656.83	7698.04	7600.01	7413.89	7165.43	6858.99	6567.58	6091.73	5744.08
180.0	7454.05	7626.19	7701.40	7662.40	7534.26	7302.46	7087.95	6685.69	6303.45
225.0	7679.70	7717.54	7653.47	7475.18	7232.28	6940.88	6583.72	6192.02	5767.47
270.0	7606.11	7675.75	7654.57	7536.46	7314.18	7041.69	6716.91	6328.53	6081.74
315.0	7656.83	7529.21	7306.35	7027.76	6680.69	6306.82	5882.27	5460.51	5056.57
360.0	7454.05	7188.82	6884.06	6521.32	6124.64	5699.51	5269.92	4868.23	4495.46

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4128.31	3777.88	3451.94	3150.49	2878.59	2729.26	2400.53	2279.64	2094.09
45.0	4762.90	4235.28	4020.24	3670.86	3356.06	3061.92	2795.01	2547.65	2328.10
90.0	4418.04	4044.74	3703.19	3375.56	3071.91	2851.31	2603.89	2366.57	2162.63
135.0	5312.86	4822.56	4513.86	4142.24	3785.08	3452.46	3149.91	2873.59	2625.65
180.0	5970.31	5539.61	5105.55	4695.51	4323.90	3959.48	3617.93	3292.57	3003.42
225.0	5351.86	4951.23	4557.90	4181.82	3829.65	3628.55	3205.10	3032.38	2764.37
270.0	5467.71	5054.30	4811.41	4432.54	4072.02	3726.58	3396.75	3111.49	2826.76
315.0	4666.55	4290.47	3924.95	3608.47	3300.35	3124.84	2748.23	2505.86	2373.83
360.0	4128.31	3777.88	3451.94	3150.49	2878.59	2729.26	2400.53	2279.64	2094.09

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1925.31	1774.30	1640.58	1521.89	1408.78	1315.74	1101.87	1060.76	1038.37
45.0	2133.09	1955.38	1793.22	1656.19	1533.04	1419.40	1315.22	1225.49	1141.92
90.0	1981.55	1818.87	1670.12	1539.19	1426.07	1323.00	1238.32	1078.21	1078.21
135.0	2403.89	2200.53	2017.24	1851.20	1706.34	1574.83	1453.35	1349.17	1255.56
180.0	2738.77	2499.19	2287.47	2097.45	1926.94	1778.19	1643.37	1527.47	1410.46
225.0	2514.75	2293.04	2095.25	1920.27	1764.26	1622.18	1499.08	1392.07	1289.57
270.0	2587.18	2371.57	2176.03	2002.16	1848.41	1710.23	1583.76	1461.18	1363.68
315.0	2169.89	1992.70	1831.12	1694.09	1568.15	1462.29	1360.90	1271.75	1101.87
360.0	1925.31	1774.30	1640.58	1521.89	1408.78	1315.74	1101.87	1060.76	1038.37

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	935.14	851.04	722.37	614.25	527.15	426.18	335.40	255.51	185.65
45.0	1062.81	937.45	853.88	743.55	636.58	537.98	442.10	349.07	298.92
90.0	980.92	875.17	811.30	663.39	602.79	502.55	407.73	319.74	236.95
135.0	1205.99	1078.42	979.24	915.17	812.09	706.23	599.79	495.61	402.00
180.0	1315.22	1227.18	1137.45	1078.95	927.99	824.34	758.06	612.62	549.65
225.0	1085.89	1085.89	1021.45	882.31	813.30	712.17	570.25	511.17	417.56
270.0	1272.85	1182.03	1129.67	1024.34	871.12	808.20	657.19	595.90	497.82
315.0	1101.87	998.85	909.17	774.51	684.78	582.55	483.79	387.23	299.76
360.0	935.14	851.04	722.37	614.25	527.15	426.18	335.40	255.51	185.65

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	131.83	103.29	88.62	77.48	67.54	59.34	51.56	45.41	40.26
45.0	298.92	138.03	104.23	88.52	77.37	67.49	59.19	51.67	47.88
90.0	167.52	119.16	93.82	81.63	71.49	62.81	55.35	48.73	42.94
135.0	313.43	281.10	210.72	116.58	91.93	80.63	70.70	61.92	54.88
180.0	448.25	354.11	305.60	305.60	141.45	107.75	90.25	78.16	67.70
225.0	328.31	246.83	180.39	128.83	99.40	84.68	73.85	64.44	56.50
270.0	399.79	312.85	312.85	156.22	117.06	94.93	81.94	70.96	61.97
315.0	223.02	161.00	117.95	96.19	83.89	73.43	64.60	56.87	50.20
360.0	131.83	103.29	88.62	77.48	67.54	59.34	51.56	45.41	40.26

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	36.16	32.80	30.01	27.81	25.86	24.91	23.13	22.55	21.76
45.0	42.21	35.74	33.69	30.64	28.02	26.02	24.39	23.18	22.13
90.0	37.95	34.06	31.01	28.65	26.65	25.02	23.81	22.97	22.39
135.0	48.41	42.79	38.74	34.85	31.85	29.28	27.17	25.55	24.23
180.0	58.76	51.46	46.26	40.37	34.85	32.01	29.12	26.81	24.97
225.0	49.72	43.73	38.42	34.27	30.96	29.28	26.07	24.81	23.23
270.0	54.30	47.62	44.15	37.48	33.85	32.06	29.38	27.33	25.55
315.0	44.63	39.68	36.16	33.11	30.64	29.33	26.91	25.49	24.81
360.0	36.16	32.80	30.01	27.81	25.86	24.91	23.13	22.55	21.76

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	20.92	20.71	20.39	19.71	19.24	18.50	17.35	16.14	14.72
45.0	21.34	20.76	20.39	20.08	19.66	19.24	18.66	17.61	16.40
90.0	21.87	21.45	21.03	20.66	20.18	19.61	18.71	17.56	16.14
135.0	23.18	22.39	21.81	21.50	21.03	20.76	20.39	19.92	18.98
180.0	23.34	22.13	21.08	20.45	19.97	19.55	19.19	18.76	18.50
225.0	21.50	20.81	20.03	19.50	19.03	18.76	18.29	17.92	17.29
270.0	24.18	22.97	22.02	21.39	20.81	20.34	19.87	19.24	18.71
315.0	23.55	23.23	22.50	21.97	21.45	20.81	20.08	19.08	17.87
360.0	20.92	20.71	20.39	19.71	19.24	18.50	17.35	16.14	14.72

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.14	11.56	10.20	8.88	7.73	6.94	6.25	5.73	5.52
45.0	15.03	13.51	11.93	10.72	9.15	8.09	7.25	6.52	5.94
90.0	14.51	12.93	11.25	10.04	8.57	7.57	6.83	6.20	5.83
135.0	17.92	16.61	15.03	14.14	11.93	11.20	9.83	8.30	7.78
180.0	17.98	16.98	16.03	14.77	13.30	12.46	10.99	9.25	8.41
225.0	16.35	15.51	14.14	12.72	11.41	10.04	8.83	7.73	6.99
270.0	17.82	16.77	15.51	14.03	12.46	11.51	10.30	8.46	7.78
315.0	16.66	15.03	13.46	11.83	10.62	9.25	8.36	7.52	7.10
360.0	13.14	11.56	10.20	8.88	7.73	6.94	6.25	5.73	5.52

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	4.94	4.57	4.31	3.84	3.63	3.26	2.94	2.68	2.26
45.0	5.52	5.15	4.78	4.36	4.05	3.73	3.36	3.00	2.63
90.0	5.31	4.94	4.73	4.31	3.99	3.68	3.26	2.89	2.63
135.0	7.25	6.68	6.20	5.83	5.47	5.05	4.68	4.26	3.94
180.0	7.46	6.73	6.10	5.62	5.26	4.89	4.52	4.05	3.68
225.0	6.15	5.73	5.41	4.99	4.63	4.26	3.89	3.57	3.15
270.0	6.99	6.41	5.89	5.47	5.05	4.68	4.31	3.89	3.57
315.0	6.47	6.15	5.78	5.41	4.99	4.63	4.21	3.84	3.42
360.0	4.94	4.57	4.31	3.84	3.63	3.26	2.94	2.68	2.26

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.00	1.73	1.52	1.31	1.10	0.95	0.84	0.63	0.63
45.0	2.31	2.05	1.73	1.47	1.26	1.05	0.89	0.63	0.63
90.0	2.16	1.89	1.73	1.47	1.31	1.10	0.89	0.68	0.63
135.0	3.57	3.15	2.79	2.42	2.16	1.89	1.58	1.42	1.26
180.0	3.36	2.89	2.68	2.31	2.05	1.79	1.47	1.26	1.10
225.0	2.89	2.52	2.26	2.00	1.73	1.47	1.26	1.05	0.95
270.0	3.21	2.89	2.47	2.16	1.89	1.52	1.31	1.16	1.00
315.0	3.10	2.73	2.47	2.16	1.94	1.73	1.37	1.16	0.95
360.0	2.00	1.73	1.52	1.31	1.10	0.95	0.84	0.63	0.63

Intensity data(cd)

C/γ(°)	90.0
0.0	0.63
45.0	0.58
90.0	0.68
135.0	1.00
180.0	0.95
225.0	0.84
270.0	0.79
315.0	0.58
360.0	0.63