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

NT

Client:
LumCAT: 1-1207-L
Luminaire: 92.70.427.00
Report No: 2024730-B010
Ballast type: AC

Test No: 2024730-C010	Voltage(V): 34.420
LampCAT: Fortimo_SLM_C_1203	Current(A): 0.216
Lamp flux(lm): 1286.0	Power (W): 7.434
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1182.90, Efficiency(%): 91.98% , Luminous Efficacy(lm/W): 159.12
Central intensity(cd): 3689.024, Maximum intensity(cd): 3689.024
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=28.4
[C90/270]Total=28.4
Field angle(10%Imax): [C0/180]Total=59.2
[C90/270]Total=59.2
Maximum s/h(1/2): C0_180=0.48 C90_270=0.48
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(%): 91.98%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.954%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	3689.024	0.000	0	0.00%	0.00%
1.0	3685.294	3.528	3.528	0.27%	0.30%
2.0	3663.786	10.548	14.077	0.82%	1.19%
3.0	3622.894	17.427	31.504	1.36%	2.66%
4.0	3559.982	24.043	55.547	1.87%	4.70%
5.0	3471.979	30.251	85.798	2.35%	7.25%
6.0	3363.054	35.920	121.718	2.79%	10.29%
7.0	3230.939	40.929	162.647	3.18%	13.75%
8.0	3082.512	45.184	207.831	3.51%	17.57%
9.0	2909.724	48.564	256.395	3.78%	21.68%
10.0	2731.523	51.051	307.446	3.97%	25.99%
11.0	2536.643	52.640	360.086	4.09%	30.44%
12.0	2328.596	53.184	413.27	4.14%	34.94%
13.0	2102.552	52.587	465.857	4.09%	39.38%
14.0	1892.749	51.140	516.996	3.98%	43.71%
15.0	1653.685	48.687	565.683	3.79%	47.82%
16.0	1436.969	45.287	610.97	3.52%	51.65%
17.0	1278.014	42.280	653.25	3.29%	55.22%
18.0	1145.402	39.957	693.206	3.11%	58.60%
19.0	1011.437	37.525	730.731	2.92%	61.77%
20.0	895.299	34.899	765.63	2.71%	64.72%
21.0	802.461	32.600	798.23	2.54%	67.48%
22.0	735.028	30.896	829.127	2.40%	70.09%
23.0	676.762	29.623	858.75	2.30%	72.60%
24.0	629.366	28.557	887.306	2.22%	75.01%
25.0	584.654	27.604	914.91	2.15%	77.34%
26.0	542.313	26.602	941.513	2.07%	79.59%
27.0	498.290	25.459	966.971	1.98%	81.75%
28.0	448.392	23.968	990.939	1.86%	83.77%
29.0	399.072	22.172	1013.111	1.72%	85.65%
30.0	344.917	20.088	1033.199	1.56%	87.34%
31.0	298.889	17.916	1051.115	1.39%	88.86%
32.0	258.267	15.962	1067.077	1.24%	90.21%
33.0	218.589	14.048	1081.125	1.09%	91.40%
34.0	158.720	11.418	1092.544	0.89%	92.36%
35.0	115.992	8.532	1101.075	0.66%	93.08%
36.0	88.801	6.521	1107.596	0.51%	93.63%
37.0	68.508	5.131	1112.726	0.40%	94.07%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	56.928	4.187	1116.913	0.33%	94.42%
39.0	49.612	3.637	1120.55	0.28%	94.73%
40.0	44.338	3.277	1123.827	0.25%	95.01%
41.0	40.029	3.004	1126.831	0.23%	95.26%
42.0	36.379	2.776	1129.607	0.22%	95.49%
43.0	33.255	2.579	1132.186	0.20%	95.71%
44.0	30.249	2.397	1134.583	0.19%	95.92%
45.0	27.513	2.220	1136.803	0.17%	96.10%
46.0	24.931	2.051	1138.854	0.16%	96.28%
47.0	22.809	1.899	1140.753	0.15%	96.44%
48.0	21.097	1.775	1142.528	0.14%	96.59%
49.0	19.612	1.672	1144.199	0.13%	96.73%
50.0	18.339	1.582	1145.782	0.12%	96.86%
51.0	17.279	1.507	1147.289	0.12%	96.99%
52.0	16.299	1.441	1148.729	0.11%	97.11%
53.0	15.530	1.385	1150.114	0.11%	97.23%
54.0	14.799	1.337	1151.451	0.10%	97.34%
55.0	14.162	1.293	1152.744	0.10%	97.45%
56.0	13.577	1.253	1153.997	0.10%	97.56%
57.0	13.094	1.219	1155.217	0.09%	97.66%
58.0	12.604	1.188	1156.405	0.09%	97.76%
59.0	12.143	1.157	1157.562	0.09%	97.86%
60.0	11.712	1.127	1158.689	0.09%	97.95%
61.0	11.331	1.100	1159.789	0.09%	98.05%
62.0	10.958	1.074	1160.863	0.08%	98.14%
63.0	10.578	1.047	1161.91	0.08%	98.23%
64.0	10.271	1.023	1162.933	0.08%	98.31%
65.0	9.942	1.000	1163.933	0.08%	98.40%
66.0	9.612	0.976	1164.909	0.08%	98.48%
67.0	9.320	0.952	1165.861	0.07%	98.56%
68.0	8.983	0.927	1166.788	0.07%	98.64%
69.0	8.727	0.903	1167.692	0.07%	98.71%
70.0	8.449	0.882	1168.574	0.07%	98.79%
71.0	8.237	0.862	1169.436	0.07%	98.86%
72.0	8.032	0.846	1170.282	0.07%	98.93%
73.0	7.835	0.830	1171.112	0.06%	99.00%
74.0	7.645	0.814	1171.926	0.06%	99.07%
75.0	7.454	0.798	1172.723	0.06%	99.14%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.271	0.782	1173.505	0.06%	99.21%
77.0	7.089	0.766	1174.271	0.06%	99.27%
78.0	6.906	0.749	1175.02	0.06%	99.33%
79.0	6.745	0.733	1175.753	0.06%	99.40%
80.0	6.591	0.719	1176.472	0.06%	99.46%
81.0	6.437	0.705	1177.177	0.05%	99.52%
82.0	6.320	0.692	1177.869	0.05%	99.57%
83.0	6.152	0.678	1178.547	0.05%	99.63%
84.0	6.021	0.663	1179.21	0.05%	99.69%
85.0	5.889	0.650	1179.86	0.05%	99.74%
86.0	5.757	0.637	1180.496	0.05%	99.80%
87.0	5.625	0.623	1181.119	0.05%	99.85%
88.0	5.472	0.608	1181.727	0.05%	99.90%
89.0	5.326	0.592	1182.319	0.05%	99.95%
90.0	5.216	0.578	1182.897	0.04%	100.00%

Zonal flux distribution table

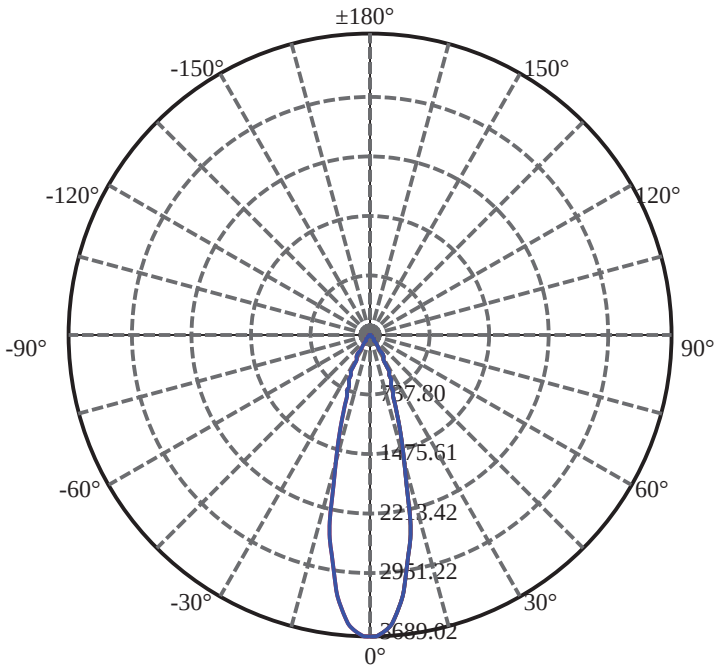
ZONAL LUMEN SUMMARY

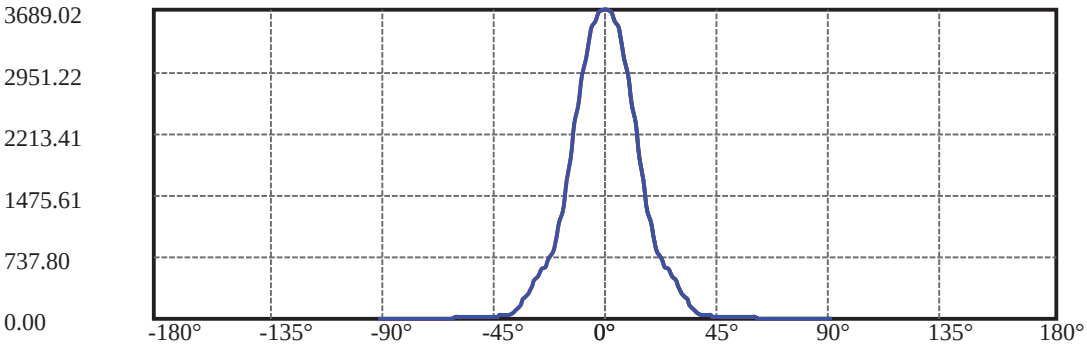
Zone	Lumens	%Lamp	%Fixt
0-30	1033.20	80.34%	87.34%
0-40	1123.83	87.39%	95.01%
0-60	1158.69	90.10%	97.95%
0-90	1182.32	91.94%	99.95%
0-120	1182.32	91.94%	99.95%
0-180	1182.90	91.98%	100.00%
60-90	23.63	1.84%	2.00%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.19	946.32	73.59%	80.00%

ZONAL LUMEN SUMMARY

0-10	307.45
10-20	458.18
20-30	267.57
30-40	90.63
40-50	21.96
50-60	12.91
60-70	9.88
70-80	7.90
80-90	5.85
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:

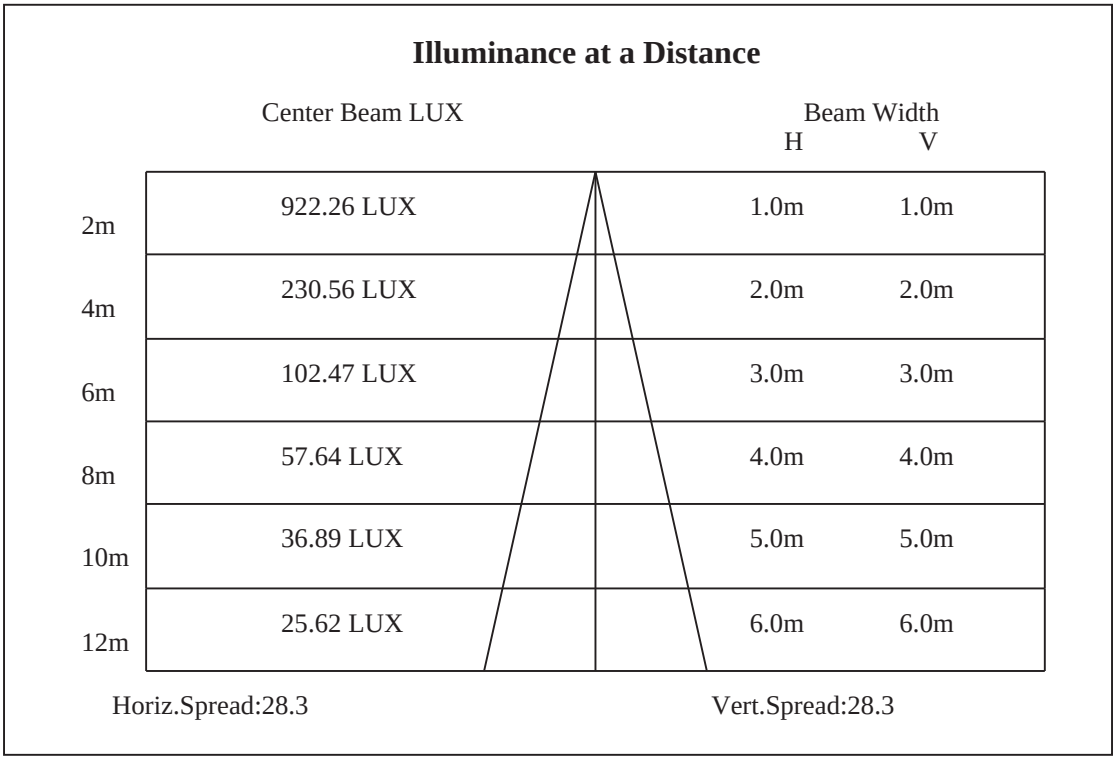
C90/C270:

Field angle(10%Imax):C0/180Left:29.6 Right:29.6
:C90/270Left:29.6 Right:29.6

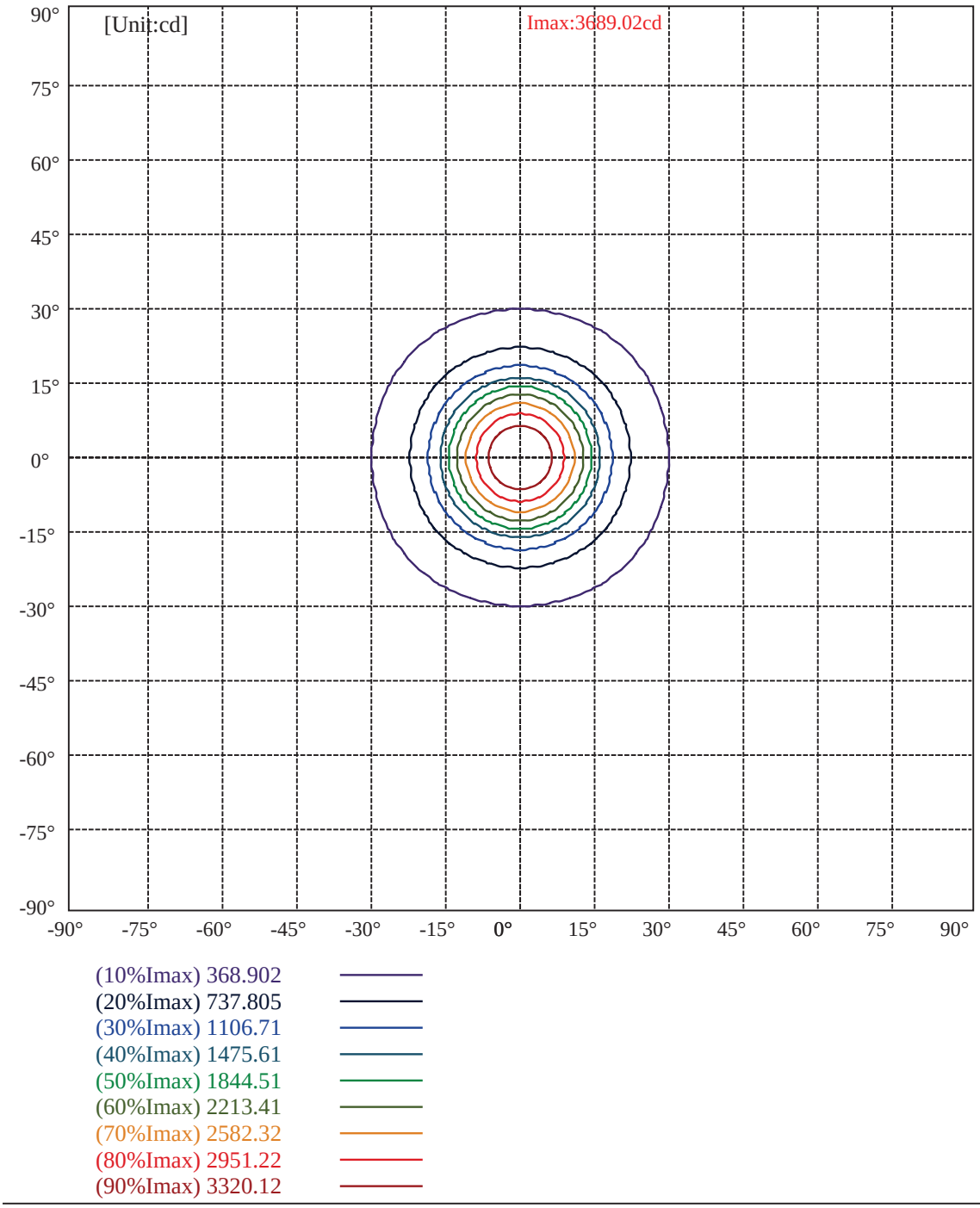
Beam Angle(50%Imax):C0/180Left:14.2 Right:14.2
:C90/270Left:14.2 Right:14.2

Equipment: GMS1980	Date: 2024/7/30	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Lux distance Curve



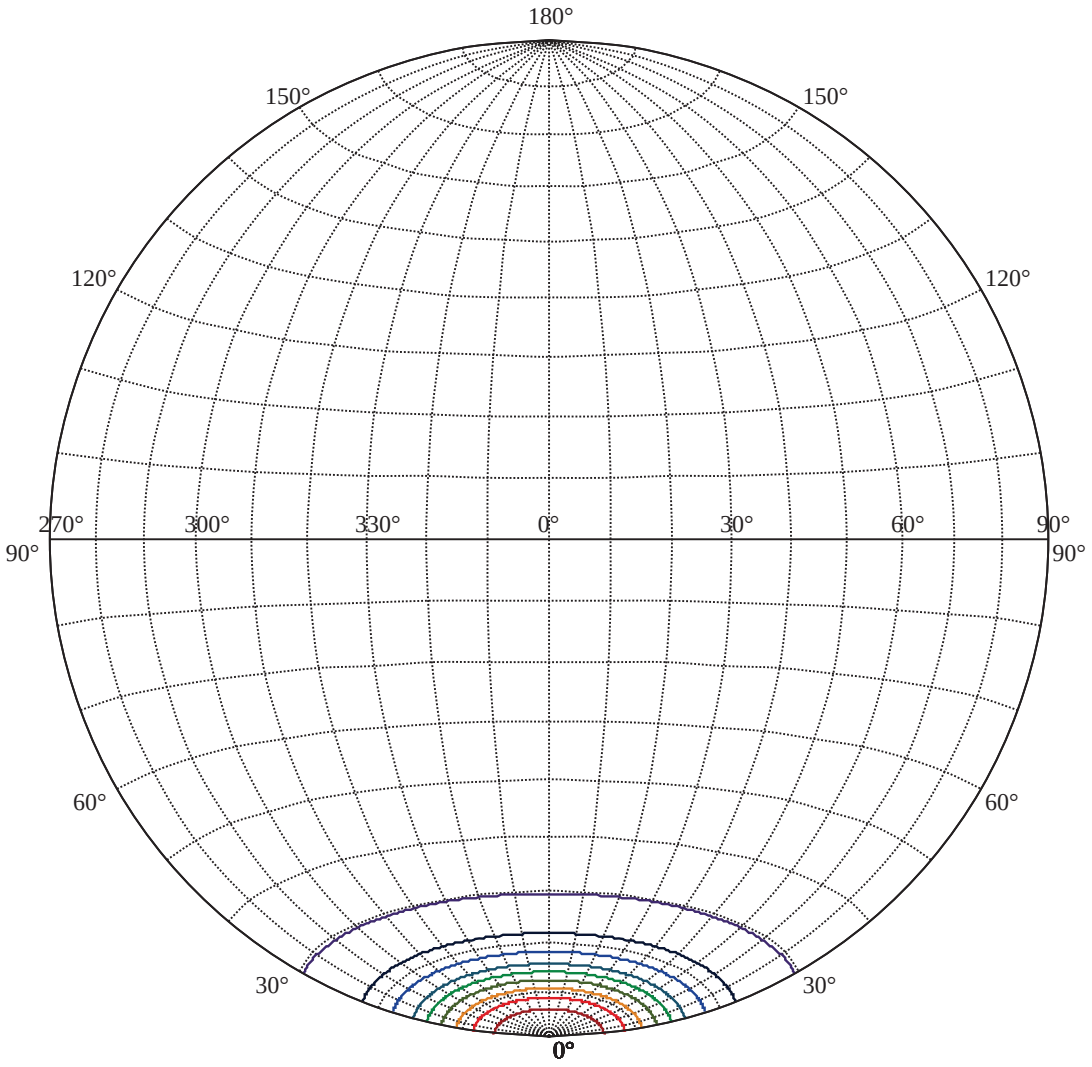
ISO-Intensity(V-H)



(10%Imax) 368.902
(20%Imax) 737.805
(30%Imax) 1106.71
(40%Imax) 1475.61
(50%Imax) 1844.51
(60%Imax) 2213.41
(70%Imax) 2582.32
(80%Imax) 2951.22
(90%Imax) 3320.12

Equipment: GMS1980 Date: 2024/7/30 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO candela diagram on circular web



[Unit:cd]

Imax:3689.02

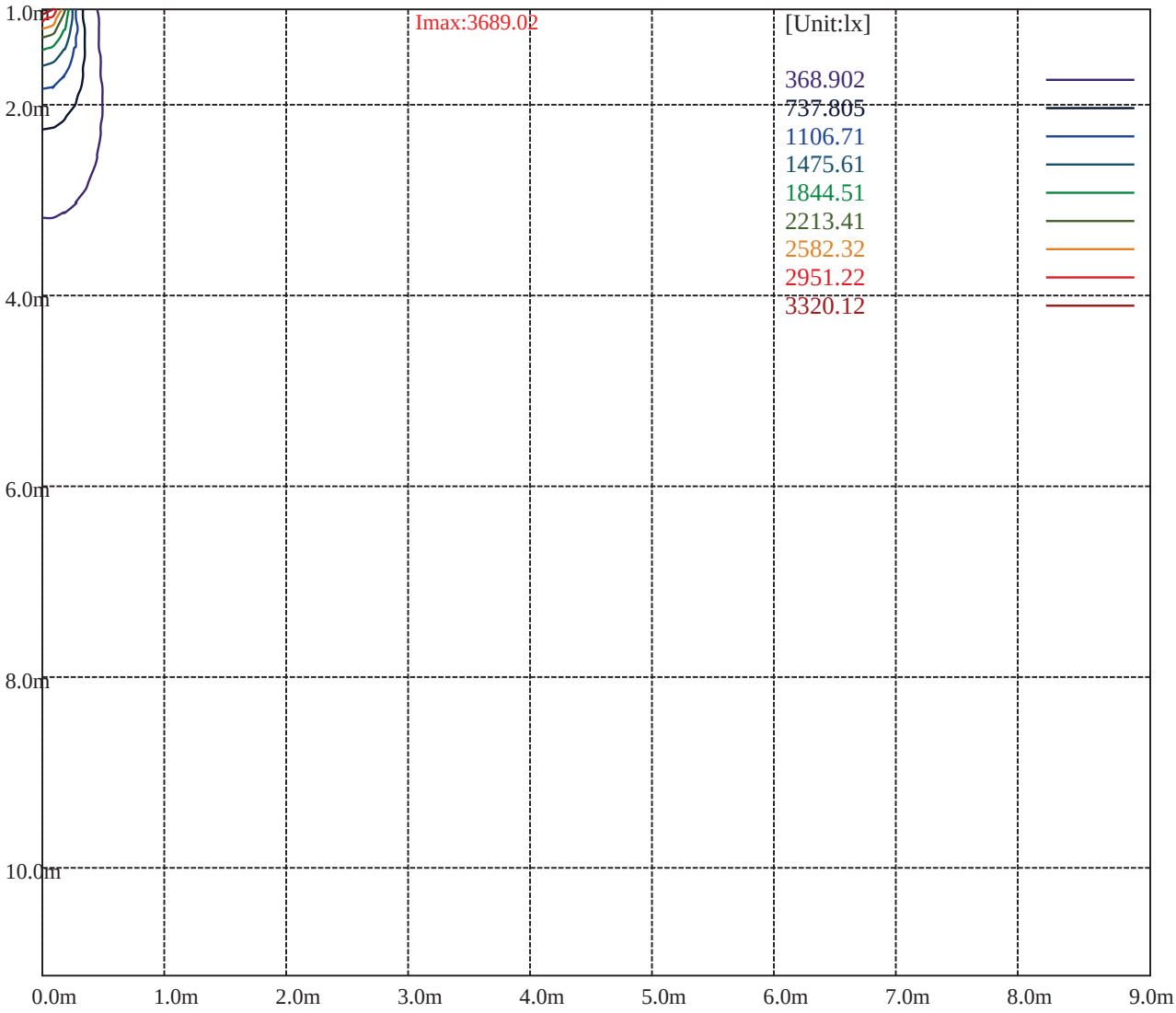
(10%Imax) 368.902
(20%Imax) 737.805
(30%Imax) 1106.71
(40%Imax) 1475.61
(50%Imax) 1844.51
(60%Imax) 2213.41
(70%Imax) 2582.32
(80%Imax) 2951.22
(90%Imax) 3320.12

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/30
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980 Date: 2024/7/30 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

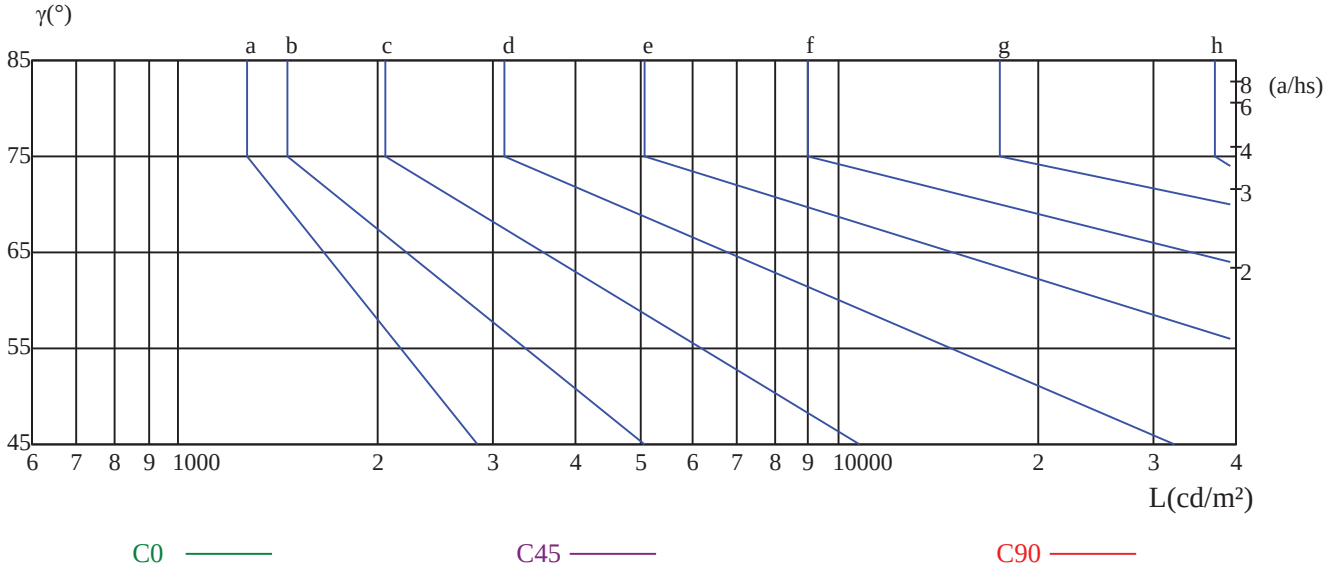
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

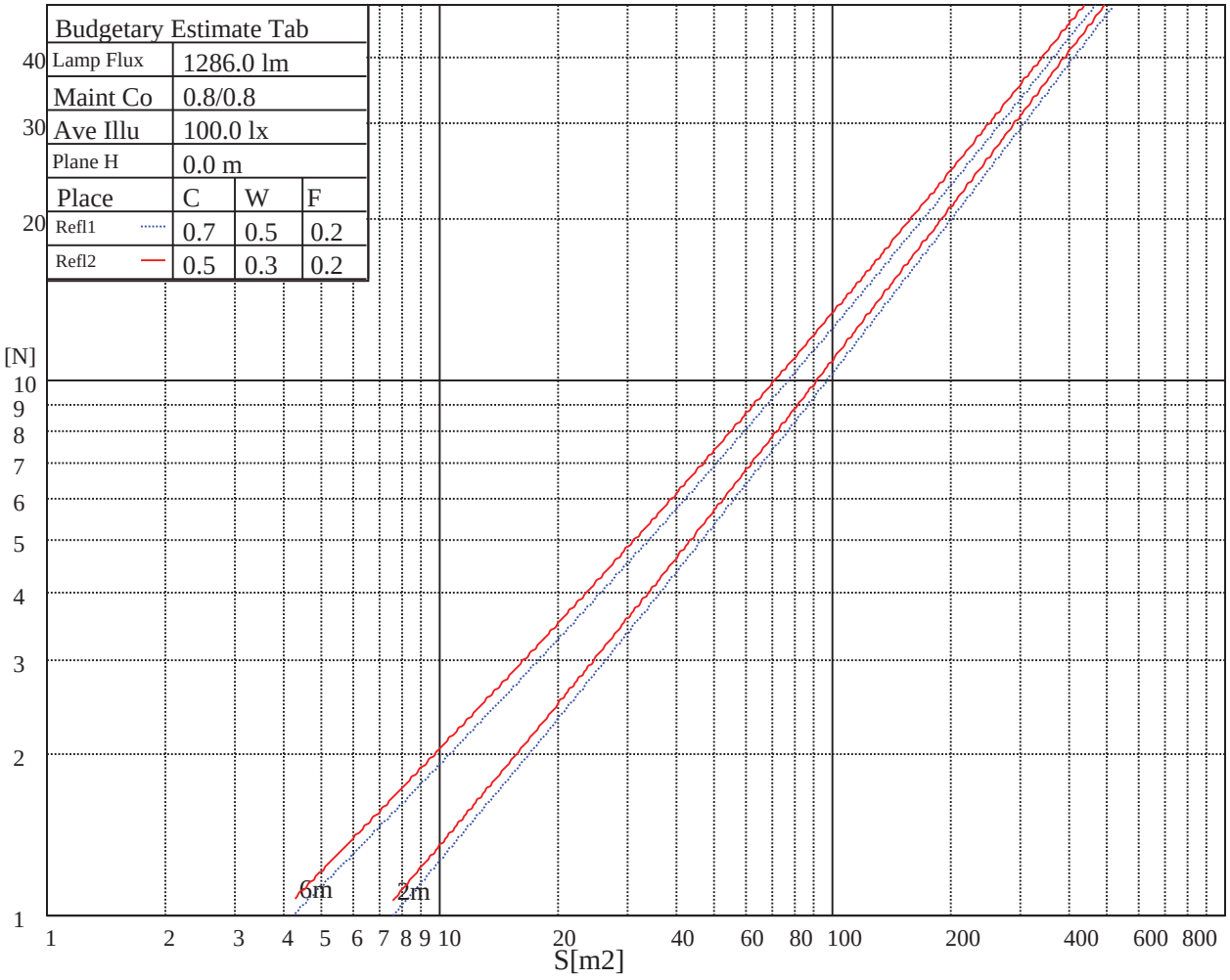
Luminance Limitting Curve



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

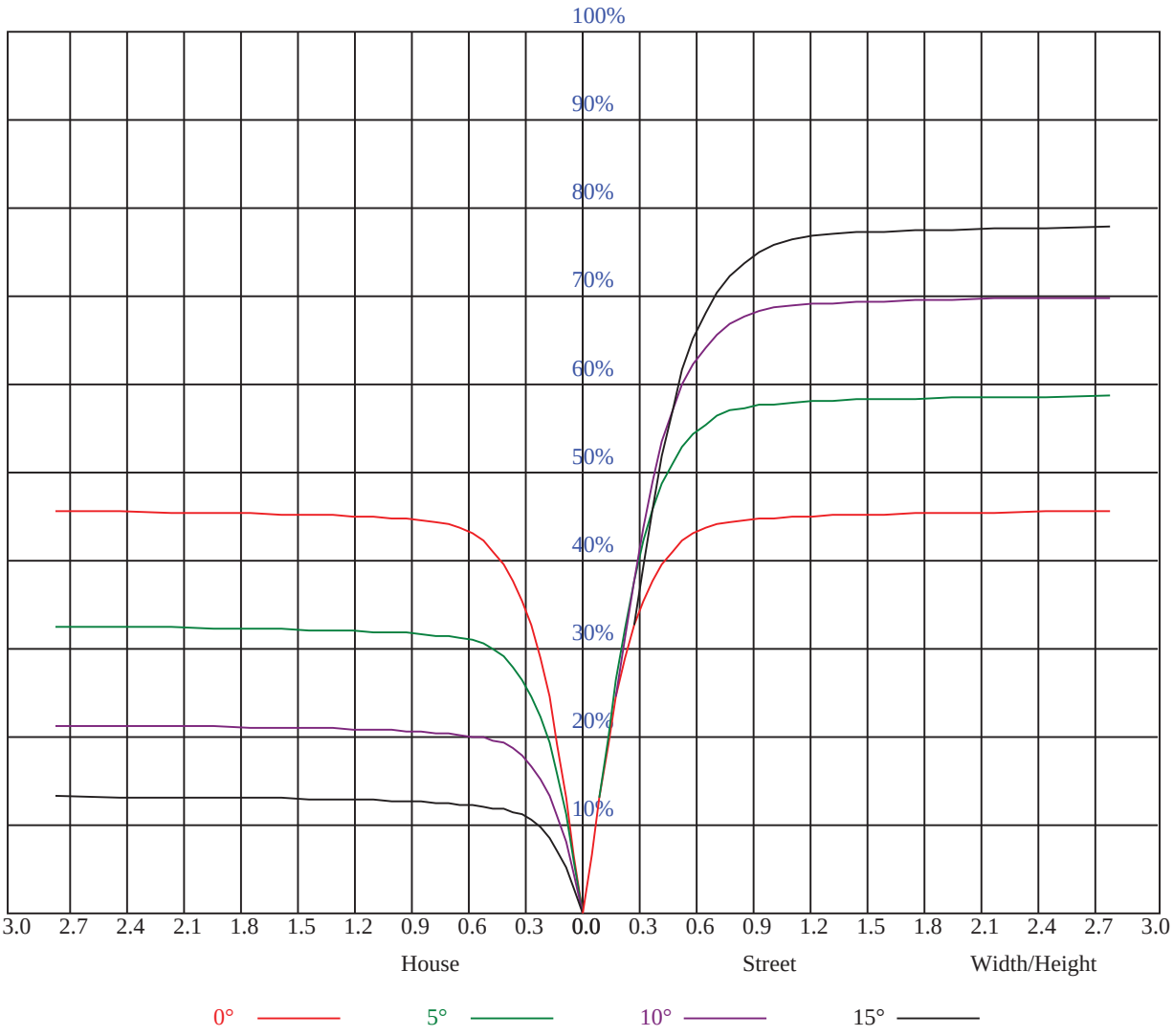


Equipment: GMS1980 Date: 2024/7/30 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Utilization factor table for indoor luminaire

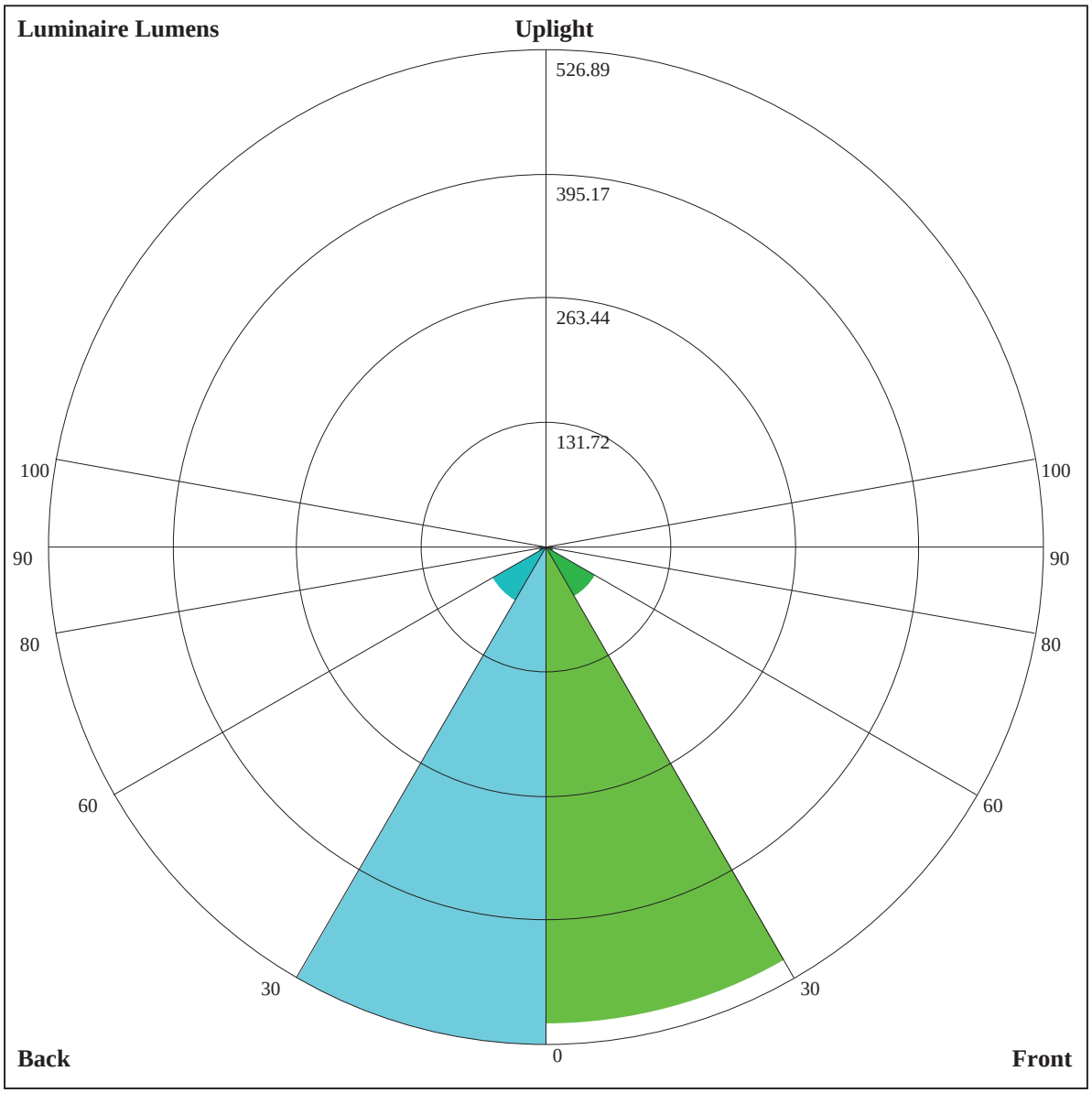
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.10	1.10	1.10	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.03	1.01	0.99	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.92	0.91	0.90	0.90	0.89	0.87
2	0.97	0.94	0.91	0.95	0.92	0.90	0.92	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.92	0.88	0.85	0.91	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.82	0.84	0.82	0.80	0.79
4	0.87	0.83	0.80	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.81	0.79	0.77	0.75
5	0.83	0.79	0.76	0.83	0.78	0.75	0.81	0.77	0.75	0.80	0.76	0.74	0.78	0.76	0.73	0.72
6	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.73	0.70	0.69
7	0.76	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.68	0.67
8	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
9	0.71	0.66	0.63	0.70	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.63	0.62
10	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.60

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/7/30	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

LCS Graph



Luminaire Lumens:
FL=506.29,FM=59.87,FH=8.77,FVH=3.19
BL=526.89,BM=65.36,BH=9,BVH=3.22
UL=0,UH=0

BUG Rating:B2-U0-G0

Equipment: GMS1980	Date: 2024/7/30	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

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	3685.22	3675.27	3646.60	3575.20	3489.17	3342.86	3203.58	3064.30	2903.36
45.0	3686.39	3692.83	3687.56	3658.30	3598.02	3516.09	3411.34	3283.76	3099.41
90.0	3695.17	3694.58	3671.76	3641.91	3571.69	3495.02	3401.39	3253.91	3118.14
135.0	3689.32	3703.36	3694.00	3678.20	3656.54	3597.44	3522.53	3437.67	3304.82
180.0	3685.22	3687.56	3673.52	3644.25	3586.32	3530.72	3416.60	3286.10	3149.74
225.0	3686.39	3664.15	3623.19	3560.57	3482.73	3381.49	3235.18	3086.54	2924.43
270.0	3695.17	3692.83	3675.86	3637.82	3584.56	3518.43	3440.60	3297.22	3169.64
315.0	3689.32	3671.76	3637.82	3586.90	3510.82	3393.78	3273.22	3138.03	2990.56
360.0	3685.22	3675.27	3646.60	3575.20	3489.17	3342.86	3203.58	3064.30	2903.36

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2698.53	2529.99	2301.16	2103.36	1909.65	1672.63	1492.97	1147.45	1147.45
45.0	2936.72	2772.27	2604.31	2374.90	2189.97	2003.87	1761.59	1577.83	1400.50
90.0	2970.08	2770.51	2582.66	2387.78	2180.61	1933.06	1741.10	1556.17	1134.93
135.0	3179.59	3039.13	2878.20	2700.29	2453.91	2253.76	2048.35	1850.54	1611.77
180.0	2956.03	2788.07	2608.41	2425.23	2185.29	1986.90	1790.26	1613.52	1389.38
225.0	2739.50	2500.14	2304.67	2099.85	1843.52	1648.05	1330.86	1139.14	1103.97
270.0	3021.58	2862.98	2628.89	2411.77	2143.15	1924.86	1719.45	1466.05	1291.06
315.0	2775.78	2589.09	2384.85	2125.60	1914.33	1718.86	1344.91	1145.05	1145.05
360.0	2698.53	2529.99	2301.16	2103.36	1909.65	1672.63	1492.97	1147.45	1147.45

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1034.39	928.81	838.57	751.08	693.84	650.01	612.79	566.03	524.19
45.0	1209.13	1080.97	948.12	860.92	787.77	726.32	667.22	626.83	588.21
90.0	1134.93	1035.38	919.74	804.74	736.21	663.88	614.08	572.94	538.64
135.0	1423.33	1220.25	1078.04	925.30	834.59	763.19	702.91	642.64	599.33
180.0	1232.54	1098.53	956.90	867.36	783.09	723.40	673.65	611.03	574.16
225.0	982.12	857.41	783.27	721.17	674.82	629.76	595.12	559.53	506.16
270.0	1135.40	993.19	843.95	760.27	695.89	641.47	587.62	549.00	509.79
315.0	1011.39	876.96	793.80	728.84	674.00	616.07	581.54	549.23	498.03
360.0	1034.39	928.81	838.57	751.08	693.84	650.01	612.79	566.03	524.19

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	482.05	427.04	380.22	321.70	273.18	228.30	186.04	136.65	104.29
45.0	547.24	494.57	445.41	395.67	347.10	299.69	299.69	193.48	143.03
90.0	485.68	438.57	390.58	340.48	278.57	231.81	188.15	147.94	106.39
135.0	560.12	513.30	448.93	402.69	357.63	309.64	297.35	240.06	160.12
180.0	534.37	486.38	441.32	381.63	331.30	297.35	297.35	181.54	145.43
225.0	459.81	412.12	363.95	305.84	259.96	201.38	159.01	121.90	86.38
270.0	464.73	422.01	377.53	318.42	306.13	306.13	170.71	133.84	103.64
315.0	452.32	393.15	344.64	292.91	237.25	191.84	150.40	114.35	78.65
360.0	482.05	427.04	380.22	321.70	273.18	228.30	186.04	136.65	104.29

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	81.05	66.42	56.01	49.63	44.54	40.09	35.64	32.48	28.85
45.0	109.50	82.63	61.98	53.61	47.58	41.55	37.75	34.29	31.25
90.0	80.64	60.28	52.09	46.76	41.20	37.57	34.47	31.84	28.62
135.0	114.65	85.79	67.18	55.30	49.92	45.65	41.08	37.98	35.05
180.0	114.88	84.10	70.05	61.27	53.14	47.87	43.66	39.15	36.05
225.0	69.12	58.93	52.90	46.47	42.37	38.92	35.87	32.42	29.67
270.0	80.12	59.28	50.45	44.95	40.85	36.52	33.59	31.25	28.32
315.0	60.45	50.62	44.77	38.92	35.11	32.07	28.97	26.63	24.17
360.0	81.05	66.42	56.01	49.63	44.54	40.09	35.64	32.48	28.85

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	26.16	23.82	21.48	19.90	18.61	17.38	16.09	15.27	14.57
45.0	27.97	25.52	23.23	21.36	19.72	18.43	17.44	16.44	15.80
90.0	26.04	23.64	21.77	20.25	19.14	18.20	17.32	16.68	16.27
135.0	32.48	29.26	26.86	24.70	22.94	21.19	19.90	18.61	17.67
180.0	33.01	29.67	27.15	25.22	23.53	21.65	20.37	19.20	18.14
225.0	27.04	24.29	22.47	20.89	19.25	18.02	16.97	15.80	14.98
270.0	25.87	23.47	21.19	19.66	18.02	17.03	16.09	15.22	14.28
315.0	21.54	19.78	18.32	16.80	15.68	14.81	14.05	13.17	12.52
360.0	26.16	23.82	21.48	19.90	18.61	17.38	16.09	15.27	14.57

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	13.87	13.11	12.58	12.17	11.65	11.35	11.00	10.71	10.48
45.0	15.16	14.63	14.16	13.81	13.40	13.05	12.58	12.11	11.59
90.0	15.68	15.33	14.92	14.51	14.22	13.87	13.23	12.70	12.17
135.0	16.80	15.86	15.16	14.51	13.93	13.17	12.70	12.23	11.70
180.0	16.97	16.15	15.27	14.57	13.93	13.23	12.76	12.29	11.88
225.0	14.22	13.58	12.82	12.35	11.88	11.41	10.94	10.59	10.30
270.0	13.64	13.05	12.58	12.06	11.41	11.00	10.59	10.36	10.12
315.0	12.06	11.59	11.12	10.77	10.42	10.07	9.89	9.66	9.42
360.0	13.87	13.11	12.58	12.17	11.65	11.35	11.00	10.71	10.48

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.18	10.01	9.77	9.54	9.25	9.07	8.84	8.66	8.43
45.0	11.18	10.83	10.36	9.95	9.66	9.19	8.84	8.43	8.25
90.0	11.76	11.12	10.59	10.07	9.71	9.13	8.84	8.43	8.25
135.0	11.18	10.89	10.53	10.12	9.77	9.42	9.07	8.78	8.43
180.0	11.41	11.06	10.77	10.48	10.07	9.71	9.48	9.07	8.84
225.0	9.95	9.71	9.36	9.07	8.72	8.43	8.25	8.08	7.90
270.0	9.71	9.48	9.25	8.95	8.78	8.54	8.31	8.13	7.96
315.0	9.25	9.07	8.90	8.72	8.60	8.37	8.19	8.02	7.84
360.0	10.18	10.01	9.77	9.54	9.25	9.07	8.84	8.66	8.43

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.19	8.02	7.78	7.61	7.43	7.20	7.02	6.91	6.67
45.0	8.08	7.90	7.67	7.49	7.32	7.14	6.96	6.85	6.73
90.0	8.08	7.78	7.61	7.49	7.26	7.08	6.85	6.73	6.55
135.0	8.25	8.08	7.90	7.67	7.49	7.32	7.14	6.91	6.79
180.0	8.60	8.37	8.19	7.96	7.72	7.61	7.37	7.20	7.02
225.0	7.67	7.49	7.32	7.14	7.02	6.79	6.61	6.44	6.32
270.0	7.78	7.61	7.43	7.20	7.02	6.79	6.67	6.50	6.32
315.0	7.61	7.43	7.26	7.08	6.91	6.79	6.61	6.44	6.32
360.0	8.19	8.02	7.78	7.61	7.43	7.20	7.02	6.91	6.67

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.55	6.44	6.26	6.09	5.97	5.85	5.68	5.50	5.27
45.0	6.55	6.44	6.20	6.09	5.97	5.79	5.68	5.50	5.38
90.0	6.38	6.26	6.09	5.97	5.85	5.68	5.56	5.44	5.33
135.0	6.61	6.44	6.32	6.14	5.97	5.85	5.74	5.62	5.50
180.0	6.85	6.73	6.55	6.38	6.26	6.14	5.97	5.74	5.50
225.0	6.14	6.09	5.91	5.85	5.68	5.56	5.44	5.38	5.21
270.0	6.20	6.09	5.97	5.79	5.74	5.56	5.50	5.33	5.21
315.0	6.20	6.09	5.91	5.85	5.68	5.62	5.44	5.27	5.21
360.0	6.55	6.44	6.26	6.09	5.97	5.85	5.68	5.50	5.27

Intensity data(cd)

C/γ(°)	90.0
0.0	5.21
45.0	5.21
90.0	5.21
135.0	5.33
180.0	5.21
225.0	5.21
270.0	5.15
315.0	5.21
360.0	5.21