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

NT

Client:
LumCAT: 2-2684-L
Luminaire: 92.70.412.00
Report No: 2024322-B015
Ballast type: AC

Test No: 2024322-C015	Voltage(V): 34.720
LampCAT: Fortimo_SLM_C_1208	Current(A): 0.577
Lamp flux(lm): 3486.0	Power (W): 20.033
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2970.67, Efficiency(%): 85.22% , Luminous Efficacy(lm/W): 148.29
Central intensity(cd): 7008.859, Maximum intensity(cd): 7008.859
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=33.8
[C90/270]Total=33.8
Field angle(10%Imax): [C0/180]Total=64.2
[C90/270]Total=64.2
Maximum s/h(1/2): C0_180=0.56 C90_270=0.56
Maximum s/h(1/4): C0_180=0.59 C90_270=0.59
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 85.22%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.022%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7008.859	0.000	0	0.00%	0.00%
1.0	6988.011	6.697	6.697	0.19%	0.23%
2.0	6934.902	19.983	26.681	0.57%	0.90%
3.0	6837.827	32.940	59.621	0.94%	2.01%
4.0	6710.614	45.351	104.972	1.30%	3.53%
5.0	6568.843	57.128	162.099	1.64%	5.46%
6.0	6405.273	68.182	230.282	1.96%	7.75%
7.0	6209.588	78.300	308.582	2.25%	10.39%
8.0	5995.030	87.346	395.928	2.51%	13.33%
9.0	5776.522	95.402	491.33	2.74%	16.54%
10.0	5510.757	102.146	593.476	2.93%	19.98%
11.0	5264.157	107.664	701.139	3.09%	23.60%
12.0	4975.422	111.933	813.072	3.21%	27.37%
13.0	4674.470	114.520	927.592	3.29%	31.23%
14.0	4360.789	115.651	1043.243	3.32%	35.12%
15.0	4065.763	115.683	1158.926	3.32%	39.01%
16.0	3777.393	114.924	1273.851	3.30%	42.88%
17.0	3473.515	112.916	1386.767	3.24%	46.68%
18.0	3213.090	110.248	1497.014	3.16%	50.39%
19.0	2972.416	107.615	1604.629	3.09%	54.02%
20.0	2756.541	104.856	1709.485	3.01%	57.55%
21.0	2537.009	101.647	1811.132	2.92%	60.97%
22.0	2334.887	97.903	1909.035	2.81%	64.26%
23.0	2152.150	94.150	2003.185	2.70%	67.43%
24.0	1964.951	90.015	2093.2	2.58%	70.46%
25.0	1798.089	85.563	2178.763	2.45%	73.34%
26.0	1596.340	80.126	2258.889	2.30%	76.04%
27.0	1385.330	72.947	2331.836	2.09%	78.50%
28.0	1259.982	66.974	2398.81	1.92%	80.75%
29.0	1148.270	63.007	2461.817	1.81%	82.87%
30.0	994.517	57.855	2519.671	1.66%	84.82%
31.0	849.995	51.330	2571.001	1.47%	86.55%
32.0	719.154	44.954	2615.956	1.29%	88.06%
33.0	594.662	38.705	2654.661	1.11%	89.36%
34.0	487.653	32.754	2687.415	0.94%	90.46%
35.0	410.118	27.881	2715.297	0.80%	91.40%
36.0	344.712	24.034	2739.331	0.69%	92.21%
37.0	293.929	20.829	2760.16	0.60%	92.91%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	264.375	18.635	2778.795	0.53%	93.54%
39.0	212.773	16.286	2795.081	0.47%	94.09%
40.0	167.843	13.275	2808.356	0.38%	94.54%
41.0	141.054	11.000	2819.356	0.32%	94.91%
42.0	119.905	9.481	2828.837	0.27%	95.23%
43.0	102.495	8.238	2837.075	0.24%	95.50%
44.0	89.196	7.235	2844.31	0.21%	95.75%
45.0	79.064	6.466	2850.776	0.19%	95.96%
46.0	70.373	5.844	2856.621	0.17%	96.16%
47.0	64.463	5.363	2861.983	0.15%	96.34%
48.0	59.539	5.013	2866.996	0.14%	96.51%
49.0	55.713	4.733	2871.729	0.14%	96.67%
50.0	51.873	4.486	2876.215	0.13%	96.82%
51.0	48.793	4.259	2880.474	0.12%	96.96%
52.0	46.152	4.074	2884.548	0.12%	97.10%
53.0	43.768	3.912	2888.459	0.11%	97.23%
54.0	41.405	3.754	2892.214	0.11%	97.36%
55.0	39.342	3.604	2895.818	0.10%	97.48%
56.0	37.432	3.469	2899.287	0.10%	97.60%
57.0	35.552	3.337	2902.624	0.10%	97.71%
58.0	33.892	3.211	2905.835	0.09%	97.82%
59.0	32.290	3.094	2908.93	0.09%	97.92%
60.0	30.790	2.980	2911.91	0.09%	98.02%
61.0	29.481	2.876	2914.786	0.08%	98.12%
62.0	28.296	2.784	2917.57	0.08%	98.21%
63.0	27.037	2.691	2920.261	0.08%	98.30%
64.0	25.889	2.597	2922.858	0.07%	98.39%
65.0	24.967	2.517	2925.375	0.07%	98.48%
66.0	24.089	2.448	2927.823	0.07%	98.56%
67.0	23.094	2.373	2930.195	0.07%	98.64%
68.0	22.260	2.298	2932.493	0.07%	98.71%
69.0	21.522	2.234	2934.726	0.06%	98.79%
70.0	20.849	2.176	2936.902	0.06%	98.86%
71.0	20.095	2.116	2939.018	0.06%	98.93%
72.0	19.437	2.056	2941.074	0.06%	99.00%
73.0	18.822	2.001	2943.075	0.06%	99.07%
74.0	18.303	1.952	2945.026	0.06%	99.14%
75.0	17.813	1.908	2946.935	0.05%	99.20%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.286	1.863	2948.798	0.05%	99.26%
77.0	16.854	1.820	2950.618	0.05%	99.32%
78.0	16.430	1.782	2952.4	0.05%	99.38%
79.0	15.991	1.742	2954.142	0.05%	99.44%
80.0	15.472	1.696	2955.838	0.05%	99.50%
81.0	15.106	1.654	2957.492	0.05%	99.56%
82.0	14.704	1.617	2959.108	0.05%	99.61%
83.0	14.206	1.572	2960.68	0.05%	99.66%
84.0	13.702	1.520	2962.2	0.04%	99.71%
85.0	13.394	1.479	2963.679	0.04%	99.76%
86.0	13.102	1.448	2965.127	0.04%	99.81%
87.0	12.824	1.419	2966.546	0.04%	99.86%
88.0	12.604	1.393	2967.939	0.04%	99.91%
89.0	12.429	1.372	2969.311	0.04%	99.95%
90.0	12.370	1.360	2970.671	0.04%	100.00%

Zonal flux distribution table

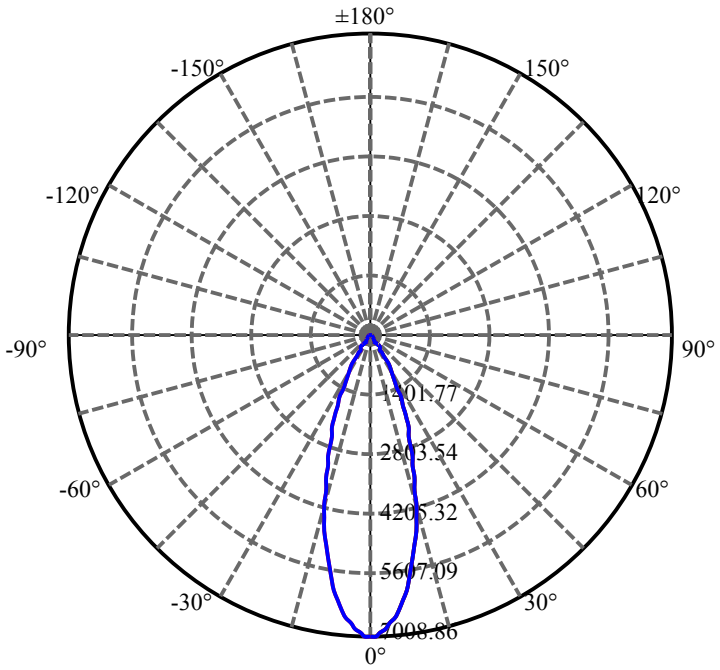
ZONAL LUMEN SUMMARY

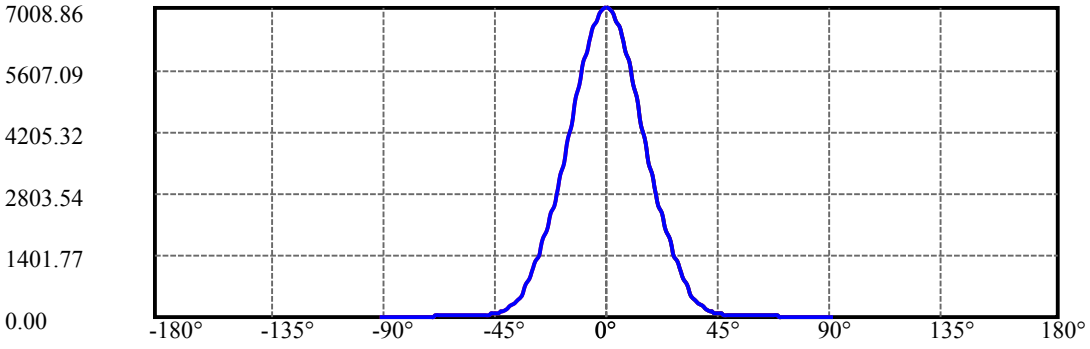
Zone	Lumens	%Lamp	%Fixt
0-30	2519.67	72.28%	84.82%
0-40	2808.36	80.56%	94.54%
0-60	2911.91	83.53%	98.02%
0-90	2969.31	85.18%	99.95%
0-120	2969.31	85.18%	99.95%
0-180	2970.67	85.22%	100.00%
60-90	57.40	1.65%	1.93%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.67	2376.54	68.17%	80.00%

ZONAL LUMEN SUMMARY

0-10	593.48
10-20	1116.01
20-30	810.19
30-40	288.68
40-50	67.86
50-60	35.69
60-70	24.99
70-80	18.94
80-90	13.47
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):

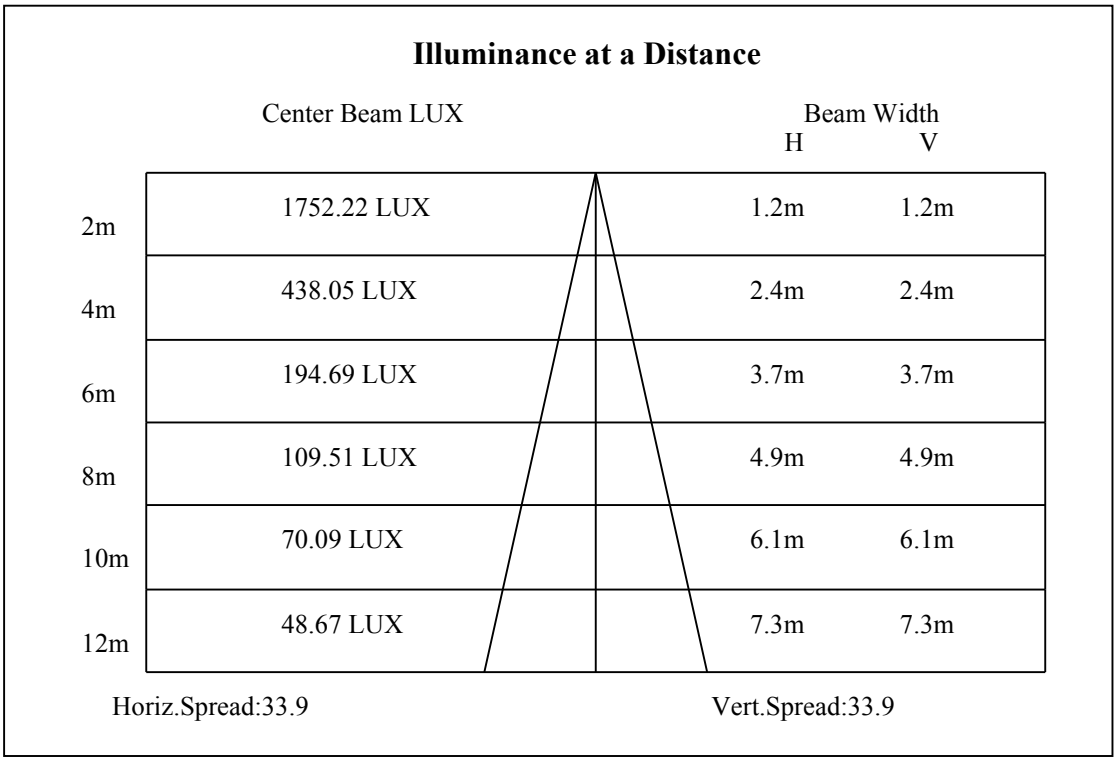
C0/C180:

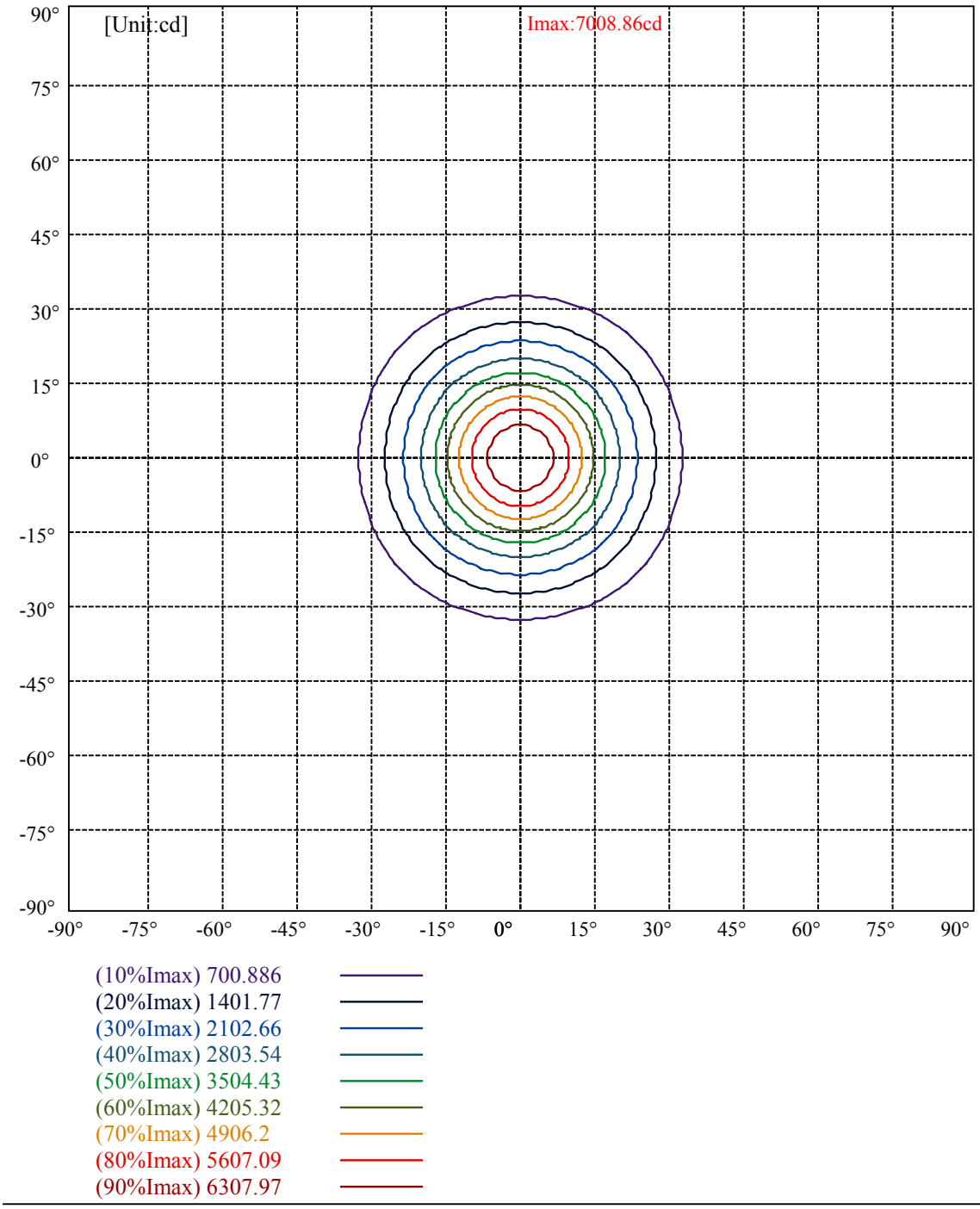
C90/C270:

Field angle(10%Imax):C0/180Left:32.1 Right:32.1
:C90/270Left:32.1 Right:32.1

Beam Angle(50%Imax):C0/180Left:16.9 Right:16.9
:C90/270Left:16.9 Right:16.9

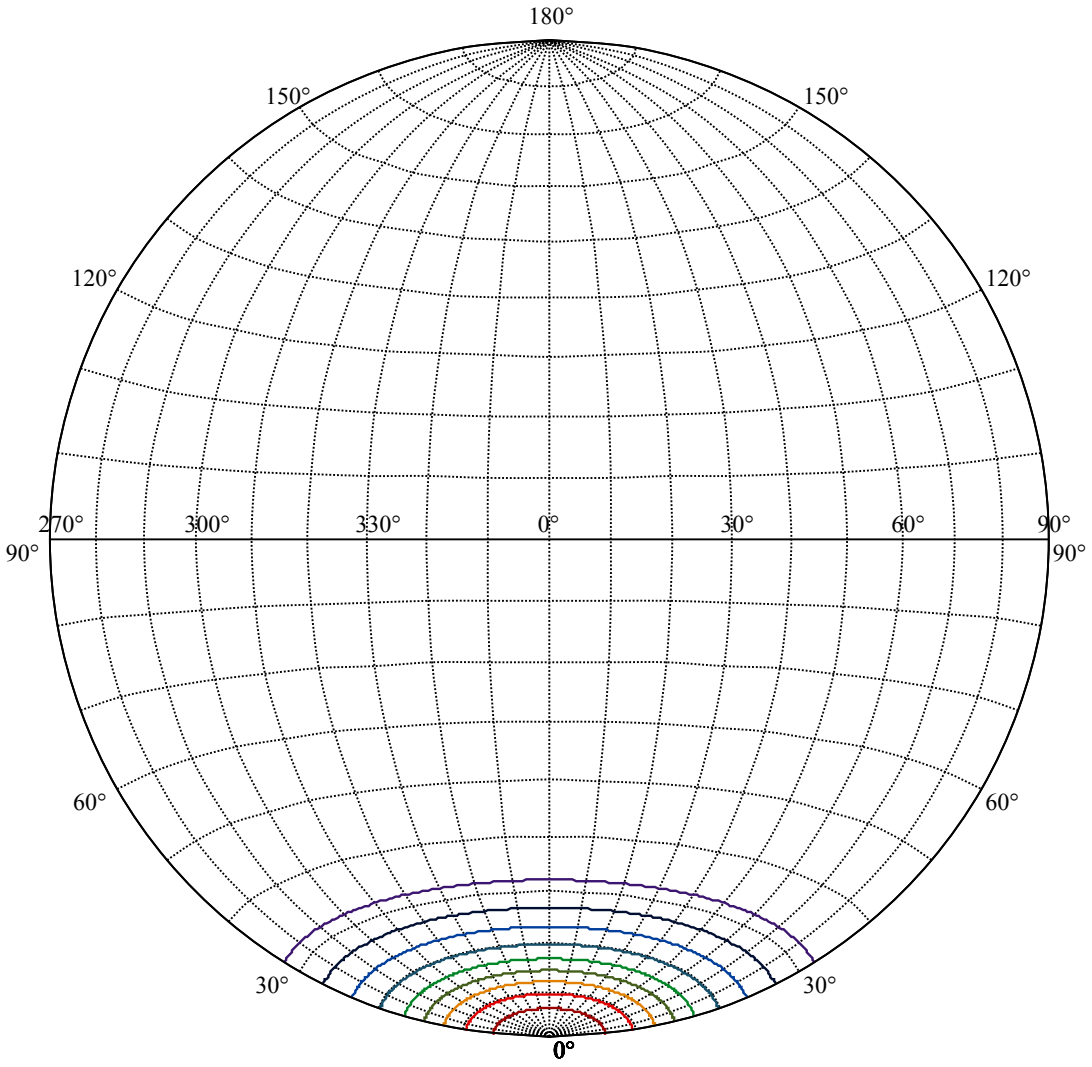
Lux distance Curve





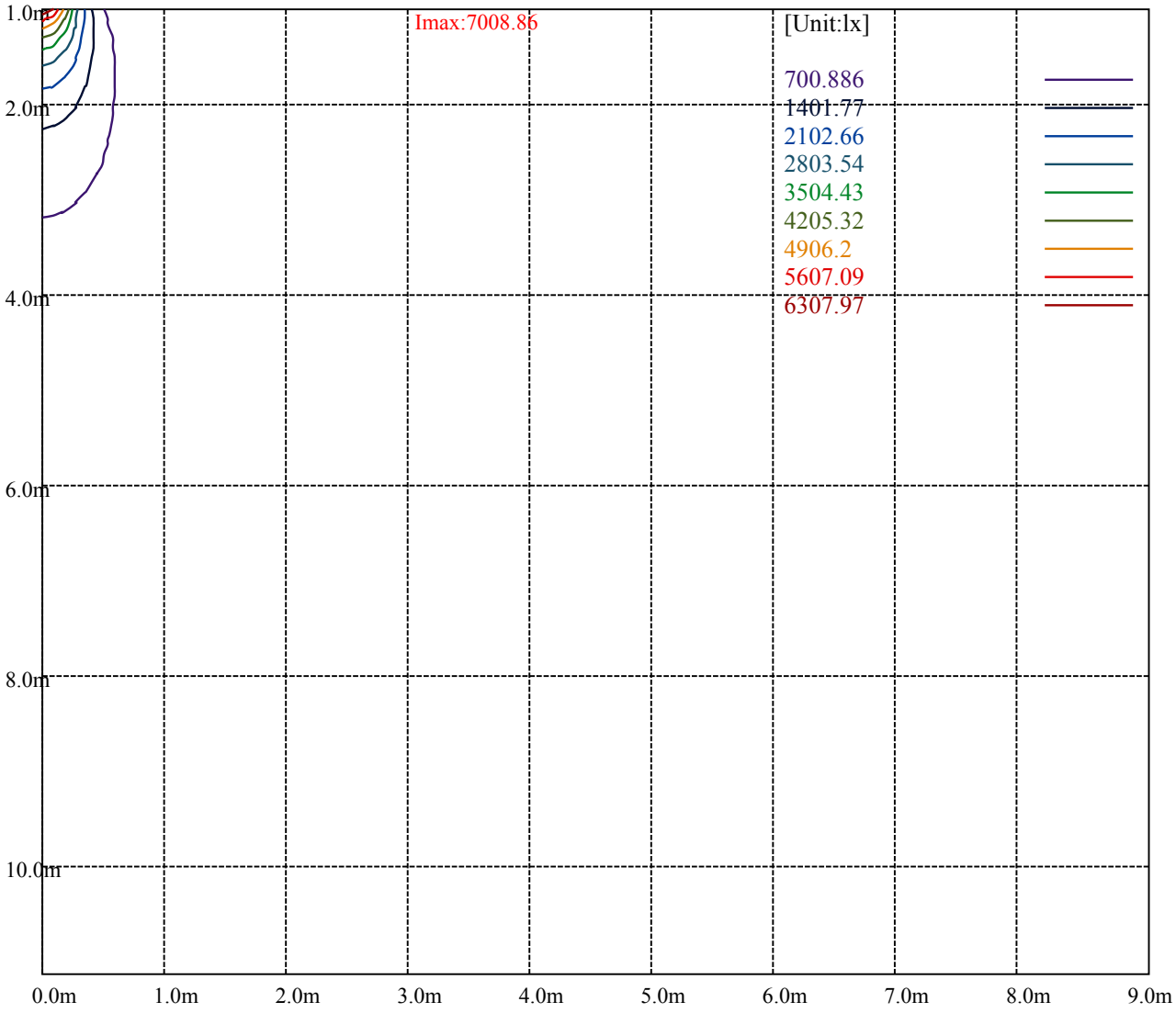
Equipment: GMS1980
Temperature(°C): 25.0
Date: 2024/3/22
Humidity(%): 60.0%
Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



Equipment: GMS1980	Date: 2024/3/22	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980 Date: 2024/3/22 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

NT 2-2684-L

Luminance Limitting Curve(no luminous side)

Luminance Table

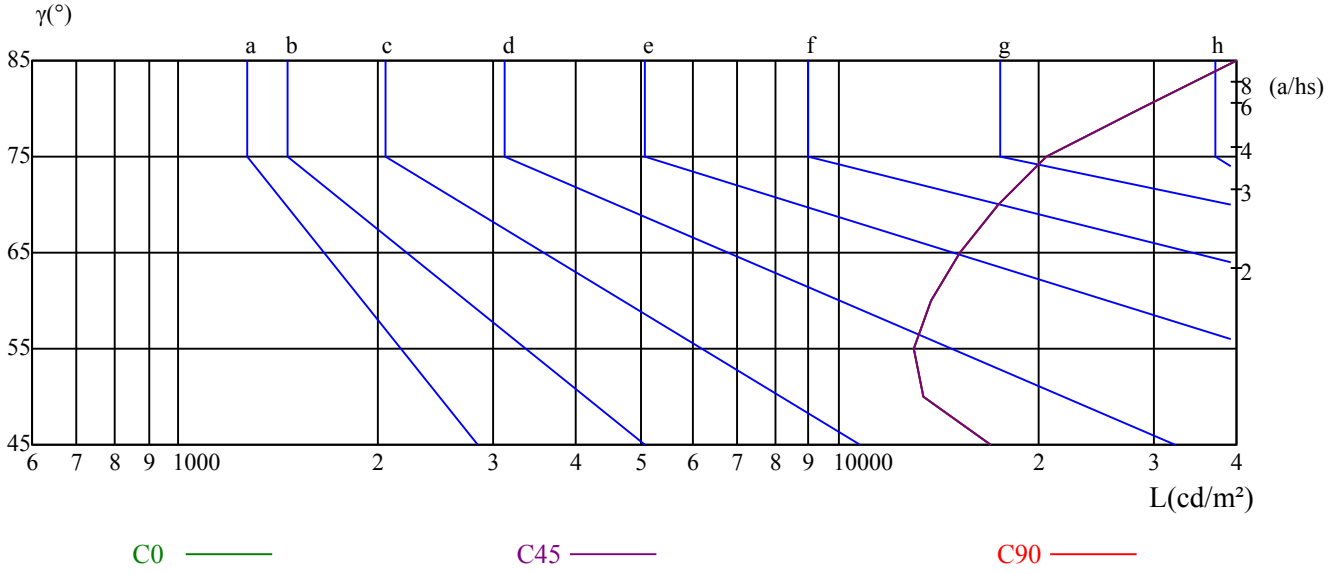
γ	45	50	55	60	65	70	75	80	85
C0	16916	13424	12973	13807	15255	17397	20571	28543	54228
C45	16916	13424	12973	13807	15255	17397	20571	28543	54228
C90	16916	13424	12973	13807	15255	17397	20571	28543	54228

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
15255	15255	15255	20571	20571	20571	54228	54228	54228

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

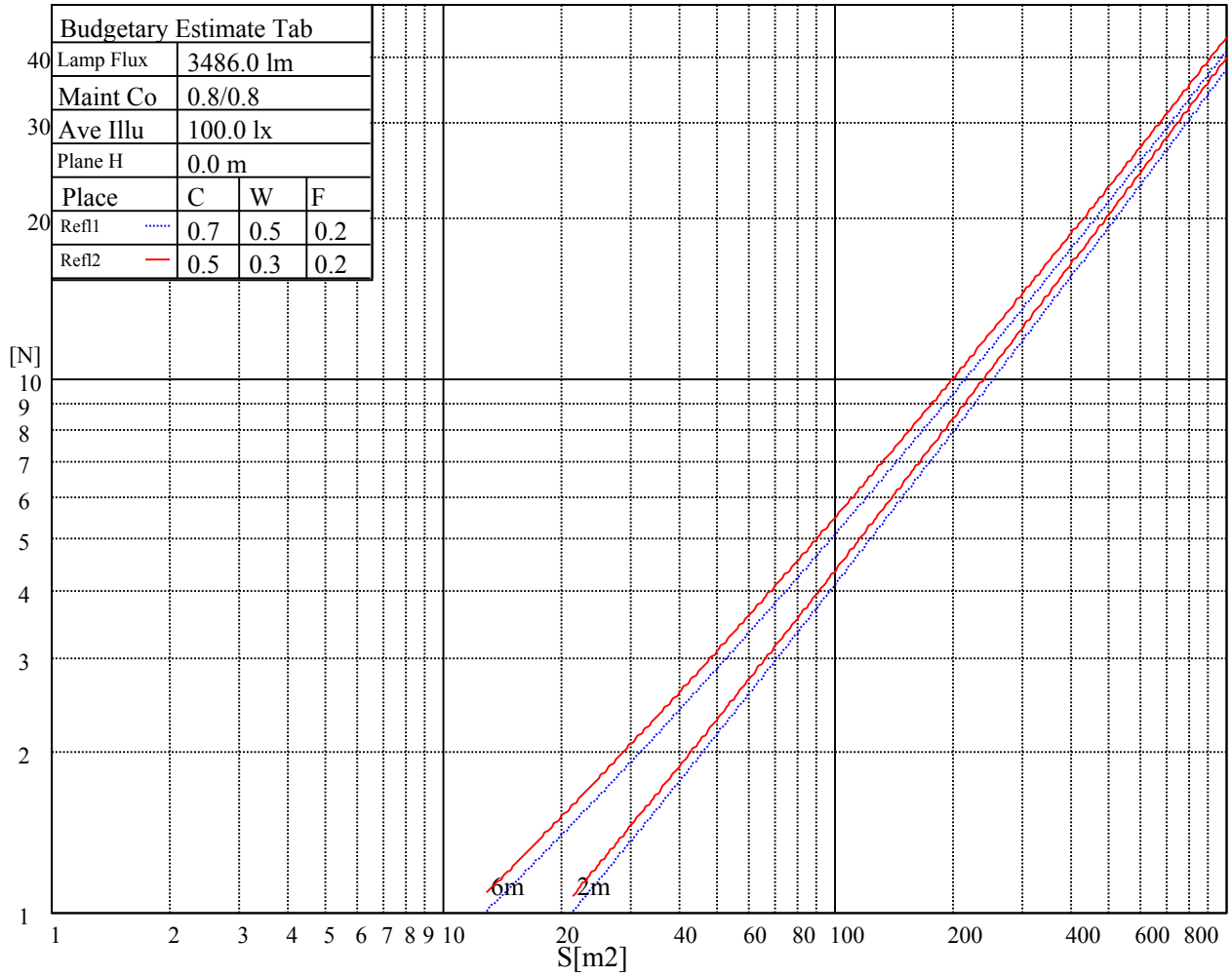
Luminance Limitting Curve



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

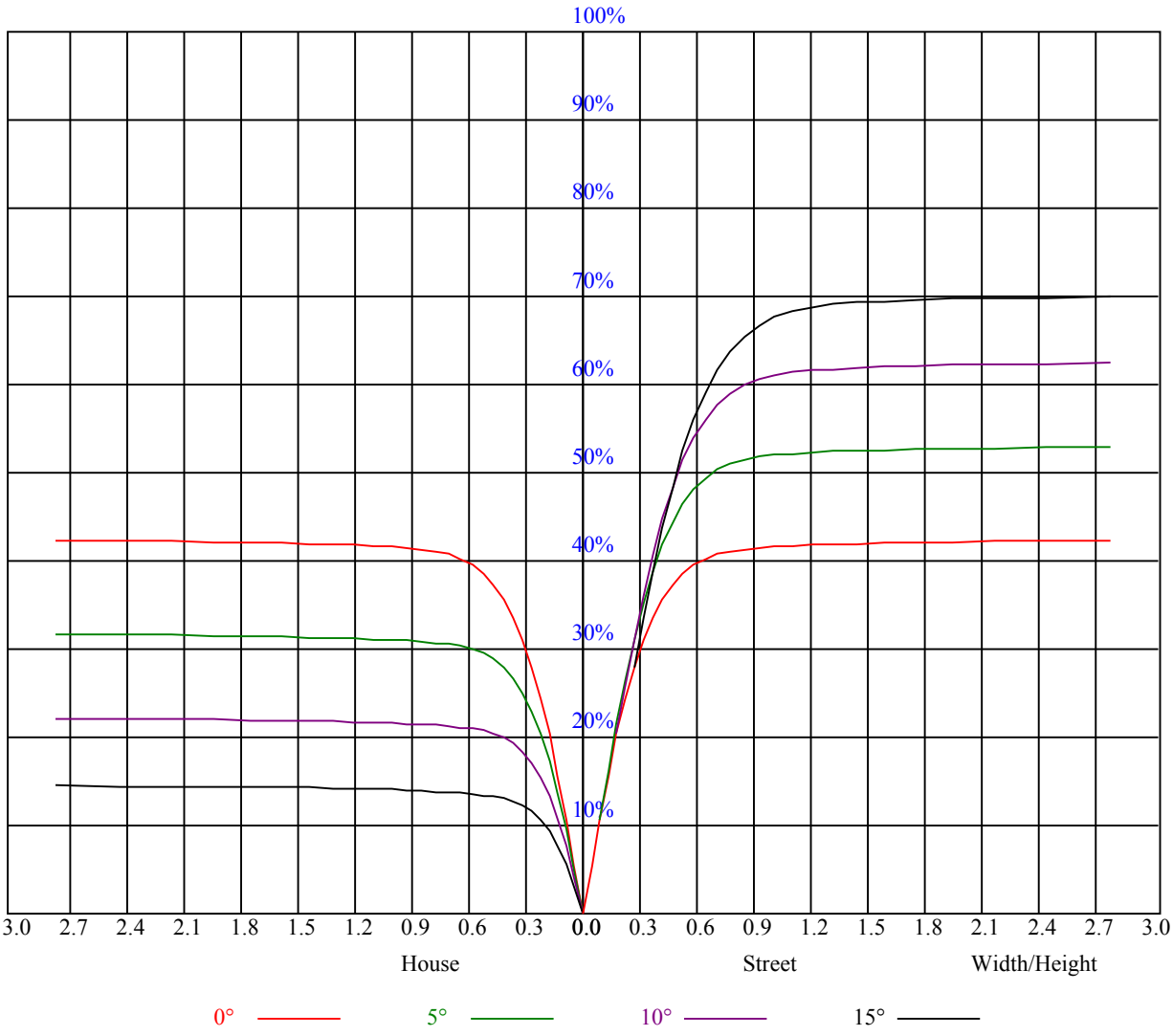


Equipment: GMS1980 Date: 2024/3/22 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

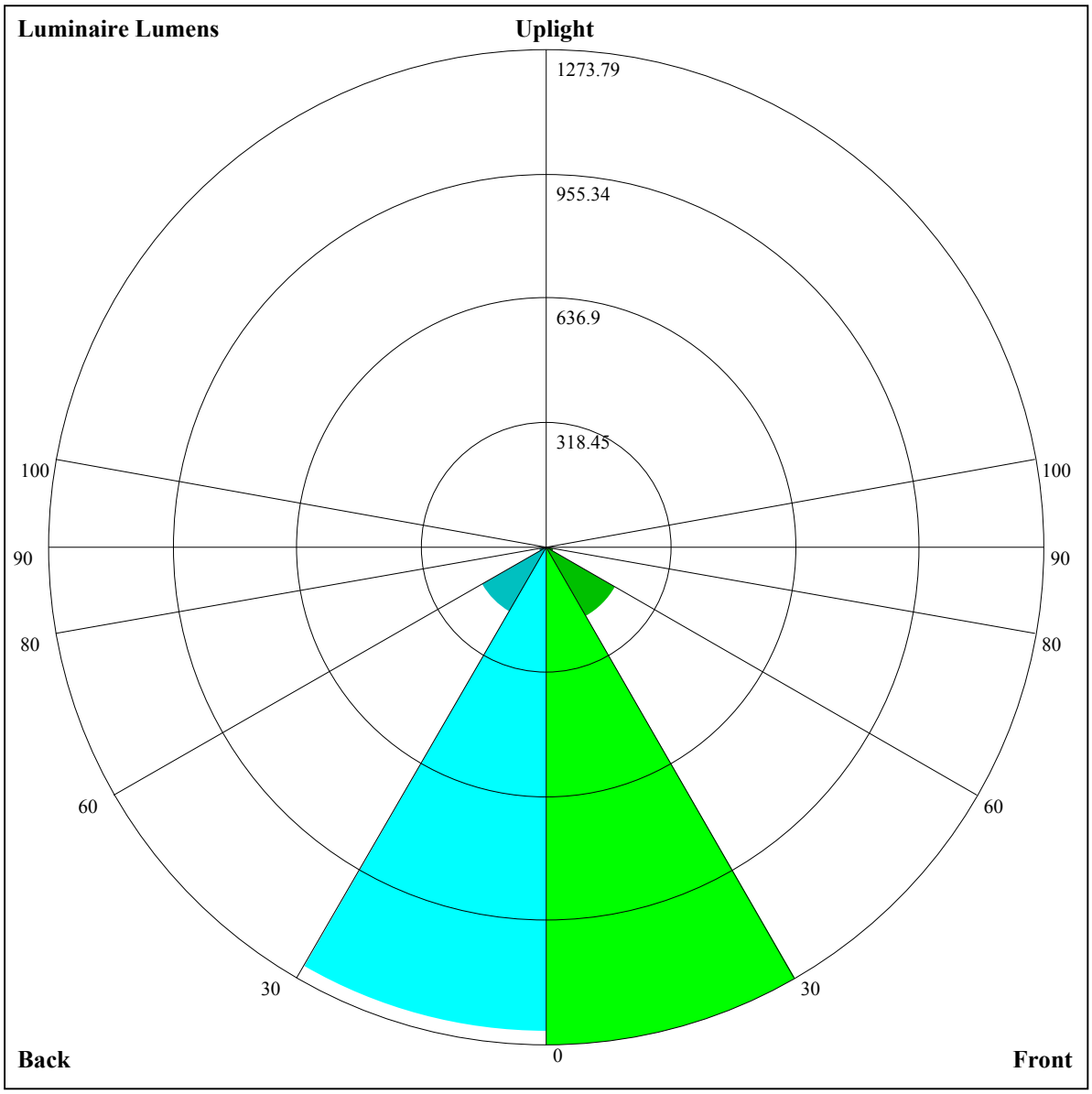
Utilization factor table for indoor luminaire

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	1.01	1.01	1.01	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.80
2	0.89	0.86	0.83	0.88	0.85	0.82	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.77	0.81	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.72
4	0.80	0.75	0.72	0.79	0.75	0.72	0.77	0.74	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
5	0.76	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.63	0.60	0.57	0.56
9	0.63	0.59	0.56	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.60	0.57	0.55	0.54
10	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.52

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/22	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=1273.79,FM=204.56,FH=22.15,FVH=7.46
BL=1240.91,BM=191.28,BH=21.84,BVH=7.4
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	7010.47	6950.78	6882.89	6790.42	6667.53	6545.80	6401.25	6211.64	6044.26
45.0	7019.83	7018.66	6982.38	6912.74	6820.27	6696.79	6577.40	6424.66	6216.32
90.0	7025.10	7009.30	6951.36	6814.42	6703.23	6573.31	6363.80	6170.09	5958.23
135.0	6978.87	7026.27	7042.66	7004.03	6859.48	6716.69	6565.70	6332.78	6123.85
180.0	7010.47	7045.58	7030.95	6943.17	6762.92	6614.86	6446.90	6248.51	5978.13
225.0	7019.83	6952.53	6838.41	6713.17	6582.08	6370.82	6169.50	5959.40	5732.92
270.0	7027.44	6992.91	6930.88	6803.30	6700.30	6584.42	6432.27	6208.13	6017.93
315.0	6978.87	6908.05	6819.69	6721.37	6589.11	6448.07	6285.38	6121.51	5888.59
360.0	7010.47	6950.78	6882.89	6790.42	6667.53	6545.80	6401.25	6211.64	6044.26

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5852.89	5579.59	5327.95	5049.97	4692.39	4403.29	4121.21	3846.16	3516.68
45.0	6039.58	5845.87	5634.02	5326.78	5059.33	4785.44	4495.17	4138.77	3857.28
90.0	5739.36	5454.94	5211.49	4945.79	4674.25	4302.05	4012.95	3730.87	3402.56
135.0	5899.71	5603.59	5365.40	5122.53	4804.17	4527.36	4232.99	3938.04	3586.32
180.0	5745.80	5436.80	5188.66	4936.43	4678.35	4326.63	4031.67	3744.91	3422.45
225.0	5442.07	5198.61	4935.85	4591.15	4294.44	3927.50	3654.79	3391.44	3146.81
270.0	5820.71	5603.59	5352.53	5007.24	4731.60	4435.48	4073.81	3797.58	3537.74
315.0	5672.06	5363.06	5097.37	4823.48	4461.23	4178.57	3903.51	3631.38	3318.28
360.0	5852.89	5579.59	5327.95	5049.97	4692.39	4403.29	4121.21	3846.16	3516.68

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3278.49	3050.84	2840.74	2591.43	2404.16	2228.60	2019.08	1855.81	1696.04
45.0	3587.49	3276.15	3043.81	2838.40	2587.34	2397.14	2220.40	2006.80	1841.76
90.0	3164.37	2899.85	2698.53	2501.90	2267.81	2092.24	1923.69	1762.17	1603.58
135.0	3331.16	3098.24	2885.80	2634.16	2443.96	2220.40	2044.83	1875.12	1672.63
180.0	3164.96	2927.35	2720.18	2480.83	2298.82	2110.38	1914.91	1746.37	1601.82
225.0	2874.68	2672.20	2473.80	2284.19	2067.66	1906.72	1749.88	1595.97	1154.77
270.0	3220.55	2982.95	2721.35	2534.67	2355.00	2177.68	1967.00	1817.77	1665.61
315.0	3083.02	2871.76	2668.10	2430.50	2254.35	2084.04	1879.80	1724.72	1534.52
360.0	3278.49	3050.84	2840.74	2591.43	2404.16	2228.60	2019.08	1855.81	1696.04

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1497.65	1162.84	1162.84	1019.64	881.00	748.21	627.77	504.82	428.38
45.0	1678.48	1521.06	1329.69	1185.14	1043.51	905.40	739.78	621.57	500.43
90.0	1150.55	1150.55	1115.44	976.97	810.07	685.24	548.94	460.51	389.35
135.0	1512.87	1360.71	1214.99	1040.00	901.89	771.39	650.24	522.66	441.32
180.0	1415.72	1269.41	1133.05	959.83	819.96	696.48	584.70	469.41	396.26
225.0	1154.77	1120.00	948.47	815.75	691.27	554.03	465.61	379.11	322.05
270.0	1505.26	1327.93	1186.31	1041.17	871.46	738.61	592.89	499.26	424.93
315.0	1167.35	1167.35	1095.37	917.63	780.81	653.87	547.36	443.89	378.23
360.0	1497.65	1162.84	1162.84	1019.64	881.00	748.21	627.77	504.82	428.38

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	365.18	299.17	253.81	215.71	184.52	152.39	131.50	110.55	97.15
45.0	423.76	359.39	304.96	304.96	206.35	176.27	145.31	125.12	108.73
90.0	317.31	270.37	229.12	193.59	158.36	135.36	116.17	100.48	85.33
135.0	375.19	304.96	304.96	247.96	173.23	147.18	125.82	104.40	90.83
180.0	334.81	307.30	307.30	187.21	151.63	128.69	110.14	92.00	80.64
225.0	273.42	231.57	187.10	158.83	134.84	115.58	96.15	84.21	75.08
270.0	345.93	305.55	305.55	205.36	173.46	141.16	120.32	103.82	90.65
315.0	322.11	273.12	222.21	188.56	160.35	131.79	113.83	99.37	85.15
360.0	365.18	299.17	253.81	215.71	184.52	152.39	131.50	110.55	97.15

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	86.26	75.44	68.53	62.79	57.94	53.84	49.86	47.17	44.71
45.0	95.51	82.63	74.79	68.59	63.26	57.76	53.96	50.15	47.46
90.0	76.25	69.29	63.79	58.64	55.19	51.32	48.75	45.82	43.48
135.0	80.18	70.23	64.37	59.75	56.12	52.14	49.39	46.94	44.71
180.0	71.98	64.02	59.28	55.60	52.61	49.92	46.88	44.65	42.55
225.0	68.06	61.51	57.59	53.43	50.45	47.93	44.95	42.78	40.73
270.0	77.89	70.40	64.61	59.05	55.48	51.50	48.75	46.29	43.42
315.0	76.37	69.47	62.74	58.46	54.66	50.56	47.81	45.41	43.07
360.0	86.26	75.44	68.53	62.79	57.94	53.84	49.86	47.17	44.71

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	42.02	40.03	38.04	35.82	34.18	32.77	30.96	29.67	28.56
45.0	45.00	42.25	40.26	38.27	36.46	34.47	32.95	31.49	30.08
90.0	41.38	39.44	37.10	35.41	33.88	32.48	30.78	29.50	28.44
135.0	42.14	40.26	38.45	36.23	34.59	32.89	31.49	30.20	28.97
180.0	40.09	38.27	36.52	34.47	33.01	31.37	30.08	28.85	27.80
225.0	38.86	36.58	34.94	33.47	32.07	30.31	29.14	28.03	26.63
270.0	41.26	39.33	37.45	35.76	33.83	32.36	30.96	29.32	28.27
315.0	40.50	38.57	36.69	35.00	33.12	31.66	29.96	28.79	27.62
360.0	42.02	40.03	38.04	35.82	34.18	32.77	30.96	29.67	28.56

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	27.15	26.04	25.16	24.35	23.29	22.41	21.71	21.07	20.25
45.0	28.62	27.56	26.45	25.22	24.35	23.53	22.47	21.77	20.95
90.0	27.33	26.04	25.11	24.35	23.23	22.36	21.54	20.89	20.19
135.0	27.56	26.57	25.52	24.70	23.64	22.77	22.00	21.36	20.54
180.0	26.74	25.46	24.58	23.76	22.94	21.95	21.30	20.54	19.84
225.0	25.57	24.46	23.70	22.82	21.89	21.24	20.60	19.96	19.31
270.0	27.10	25.75	24.81	23.99	22.94	22.12	21.48	20.72	20.01
315.0	26.22	25.22	24.40	23.53	22.47	21.71	21.07	20.48	19.66
360.0	27.15	26.04	25.16	24.35	23.29	22.41	21.71	21.07	20.25

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	19.55	18.96	18.38	17.91	17.26	16.85	16.50	15.98	15.45
45.0	20.31	19.55	18.96	18.43	17.91	17.44	16.97	16.50	16.09
90.0	19.49	18.84	18.38	17.91	17.44	16.91	16.56	16.09	15.45
135.0	19.84	19.08	18.61	18.14	17.50	17.09	16.74	16.33	15.68
180.0	19.20	18.61	18.14	17.73	17.15	16.74	16.39	15.98	15.33
225.0	18.73	18.20	17.79	17.15	16.80	16.44	15.80	15.39	15.04
270.0	19.37	18.84	18.26	17.79	17.32	16.85	16.39	16.04	15.57
315.0	19.02	18.49	17.91	17.44	16.91	16.50	16.09	15.63	15.16
360.0	19.55	18.96	18.38	17.91	17.26	16.85	16.50	15.98	15.45

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	15.22	14.86	14.57	13.81	13.52	13.23	12.99	12.76	12.58
45.0	15.57	15.16	14.81	14.22	13.64	13.34	13.11	12.82	12.64
90.0	15.10	14.69	14.16	13.64	13.40	13.11	12.82	12.64	12.35
135.0	15.27	14.86	14.46	13.75	13.52	13.23	12.93	12.64	12.47
180.0	15.04	14.63	13.93	13.64	13.34	13.11	12.76	12.58	12.35
225.0	14.63	14.16	13.64	13.40	13.11	12.70	12.58	12.35	12.41
270.0	15.10	14.75	14.16	13.69	13.40	13.17	12.76	12.52	12.35
315.0	14.92	14.51	13.93	13.46	13.23	12.93	12.64	12.52	12.29
360.0	15.22	14.86	14.57	13.81	13.52	13.23	12.99	12.76	12.58

Intensity data(cd)

C/γ(°)	90.0
0.0	12.41
45.0	12.41
90.0	12.35
135.0	12.35
180.0	12.41
225.0	12.35
270.0	12.35
315.0	12.35
360.0	12.41