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

NT

Client:
LumCAT: 2-2680-L
Luminaire: 92.70.412.00
Report No: 2024308-B015
Ballast type: AC

Test No: 2024308-C015	Voltage(V): 34.610
LampCAT: BRIDGELUX V13B LES13	Current(A): 0.450
Lamp flux(lm): 2653.0	Power (W): 15.574
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2188.45, Efficiency(%): 82.49% , Luminous Efficacy(lm/W): 140.52
Central intensity(cd): 4903.074, Maximum intensity(cd): 4903.074
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=37.2
[C90/270]Total=37.2
Field angle(10%Imax): [C0/180]Total=64.6
[C90/270]Total=64.6
Maximum s/h(1/2): C0_180=0.60 C90_270=0.60
Maximum s/h(1/4): C0_180=0.60 C90_270=0.60
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 82.49%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.064%

NT 2-2680-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4903.074	0.000	0	0.00%	0.00%
1.0	4895.539	4.688	4.688	0.18%	0.21%
2.0	4870.155	14.017	18.705	0.53%	0.85%
3.0	4826.043	23.190	41.895	0.87%	1.91%
4.0	4765.838	32.107	74.002	1.21%	3.38%
5.0	4690.783	40.682	114.684	1.53%	5.24%
6.0	4592.026	48.784	163.468	1.84%	7.47%
7.0	4484.345	56.337	219.805	2.12%	10.04%
8.0	4357.571	63.280	283.085	2.39%	12.94%
9.0	4217.921	69.500	352.584	2.62%	16.11%
10.0	4062.252	74.933	427.517	2.82%	19.54%
11.0	3903.656	79.596	507.113	3.00%	23.17%
12.0	3726.844	83.412	590.525	3.14%	26.98%
13.0	3547.912	86.333	676.858	3.25%	30.93%
14.0	3361.298	88.437	765.295	3.33%	34.97%
15.0	3155.884	89.471	854.766	3.37%	39.06%
16.0	2959.834	89.612	944.378	3.38%	43.15%
17.0	2761.662	89.099	1033.478	3.36%	47.22%
18.0	2567.953	87.874	1121.351	3.31%	51.24%
19.0	2359.466	85.727	1207.078	3.23%	55.16%
20.0	2157.052	82.665	1289.743	3.12%	58.93%
21.0	1955.588	78.971	1368.714	2.98%	62.54%
22.0	1741.132	74.287	1443.001	2.80%	65.94%
23.0	1567.920	69.433	1512.434	2.62%	69.11%
24.0	1399.668	64.882	1577.316	2.45%	72.07%
25.0	1278.943	60.906	1638.222	2.30%	74.86%
26.0	1143.954	57.193	1695.415	2.16%	77.47%
27.0	1028.057	53.139	1748.554	2.00%	79.90%
28.0	915.087	49.196	1797.75	1.85%	82.15%
29.0	804.150	44.980	1842.73	1.70%	84.20%
30.0	700.448	40.624	1883.354	1.53%	86.06%
31.0	605.159	36.333	1919.687	1.37%	87.72%
32.0	514.713	32.083	1951.77	1.21%	89.18%
33.0	439.723	28.118	1979.888	1.06%	90.47%
34.0	366.461	24.398	2004.286	0.92%	91.58%
35.0	305.861	20.880	2025.165	0.79%	92.54%
36.0	242.759	17.468	2042.634	0.66%	93.34%
37.0	188.369	14.061	2056.695	0.53%	93.98%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	149.466	11.277	2067.971	0.43%	94.49%
39.0	120.227	9.205	2077.176	0.35%	94.92%
40.0	85.428	7.173	2084.349	0.27%	95.24%
41.0	71.873	5.601	2089.95	0.21%	95.50%
42.0	63.716	4.926	2094.877	0.19%	95.72%
43.0	57.893	4.505	2099.381	0.17%	95.93%
44.0	52.751	4.176	2103.557	0.16%	96.12%
45.0	48.442	3.889	2107.446	0.15%	96.30%
46.0	44.784	3.646	2111.092	0.14%	96.47%
47.0	41.471	3.431	2114.523	0.13%	96.62%
48.0	38.398	3.229	2117.751	0.12%	96.77%
49.0	35.743	3.045	2120.796	0.11%	96.91%
50.0	33.219	2.875	2123.671	0.11%	97.04%
51.0	31.134	2.723	2126.394	0.10%	97.16%
52.0	29.159	2.587	2128.981	0.10%	97.28%
53.0	27.396	2.460	2131.441	0.09%	97.39%
54.0	25.830	2.346	2133.787	0.09%	97.50%
55.0	24.477	2.246	2136.033	0.08%	97.60%
56.0	23.226	2.156	2138.189	0.08%	97.70%
57.0	22.129	2.074	2140.262	0.08%	97.80%
58.0	21.134	2.001	2142.263	0.08%	97.89%
59.0	20.300	1.937	2144.2	0.07%	97.98%
60.0	19.561	1.883	2146.083	0.07%	98.06%
61.0	18.939	1.837	2147.92	0.07%	98.15%
62.0	18.325	1.796	2149.716	0.07%	98.23%
63.0	17.827	1.758	2151.474	0.07%	98.31%
64.0	17.403	1.729	2153.203	0.07%	98.39%
65.0	17.052	1.705	2154.908	0.06%	98.47%
66.0	16.825	1.690	2156.599	0.06%	98.54%
67.0	16.540	1.678	2158.276	0.06%	98.62%
68.0	16.240	1.661	2159.937	0.06%	98.70%
69.0	15.933	1.641	2161.578	0.06%	98.77%
70.0	15.611	1.620	2163.198	0.06%	98.85%
71.0	15.282	1.597	2164.795	0.06%	98.92%
72.0	14.909	1.570	2166.365	0.06%	98.99%
73.0	14.455	1.536	2167.9	0.06%	99.06%
74.0	14.016	1.497	2169.397	0.06%	99.13%
75.0	13.482	1.453	2170.85	0.05%	99.20%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.124	1.412	2172.262	0.05%	99.26%
77.0	12.663	1.375	2173.637	0.05%	99.32%
78.0	12.180	1.330	2174.967	0.05%	99.38%
79.0	11.829	1.290	2176.257	0.05%	99.44%
80.0	11.419	1.253	2177.51	0.05%	99.50%
81.0	11.031	1.214	2178.724	0.05%	99.56%
82.0	10.732	1.180	2179.904	0.04%	99.61%
83.0	10.424	1.150	2181.054	0.04%	99.66%
84.0	10.190	1.123	2182.177	0.04%	99.71%
85.0	9.905	1.097	2183.274	0.04%	99.76%
86.0	9.678	1.070	2184.345	0.04%	99.81%
87.0	9.473	1.048	2185.393	0.04%	99.86%
88.0	9.334	1.030	2186.423	0.04%	99.91%
89.0	9.247	1.018	2187.442	0.04%	99.95%
90.0	9.181	1.010	2188.452	0.04%	100.00%

Zonal flux distribution table

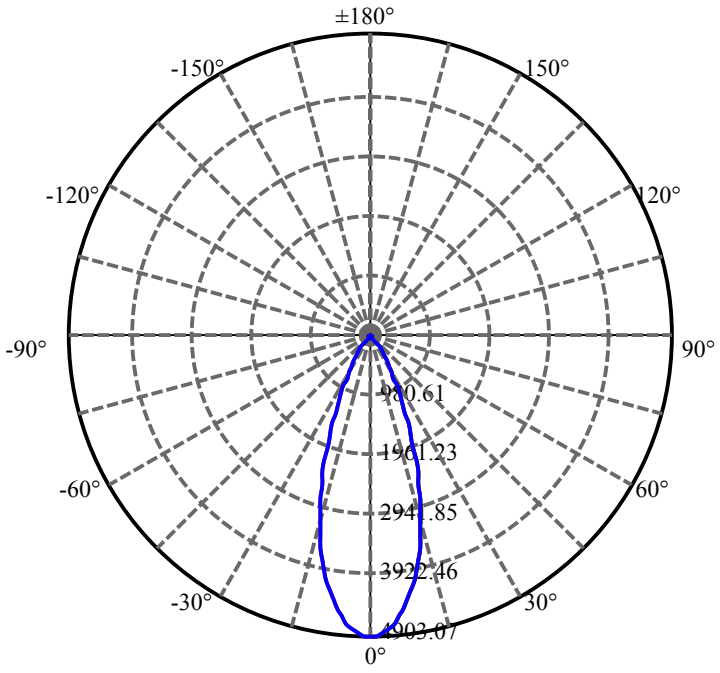
ZONAL LUMEN SUMMARY

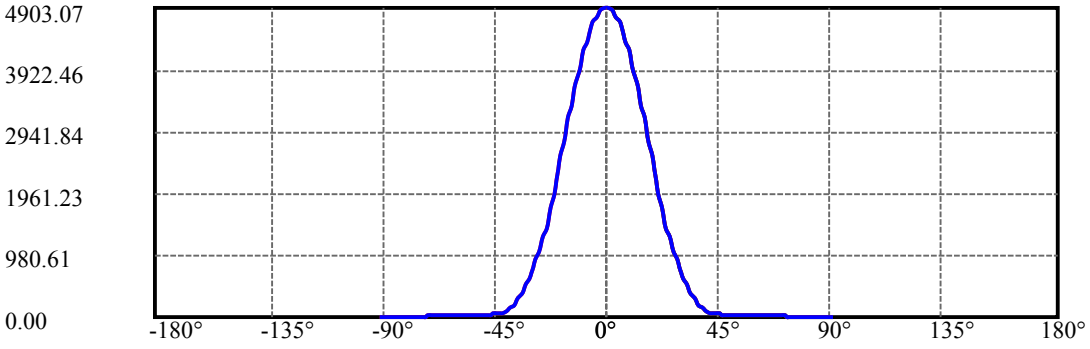
Zone	Lumens	%Lamp	%Fixt
0-30	1883.35	70.99%	86.06%
0-40	2084.35	78.57%	95.24%
0-60	2146.08	80.89%	98.06%
0-90	2187.44	82.45%	99.95%
0-120	2187.44	82.45%	99.95%
0-180	2188.45	82.49%	100.00%
60-90	41.36	1.56%	1.89%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.04	1750.76	65.99%	80.00%

ZONAL LUMEN SUMMARY

0-10	427.52
10-20	862.23
20-30	593.61
30-40	201.00
40-50	39.32
50-60	22.41
60-70	17.11
70-80	14.31
80-90	9.93
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):

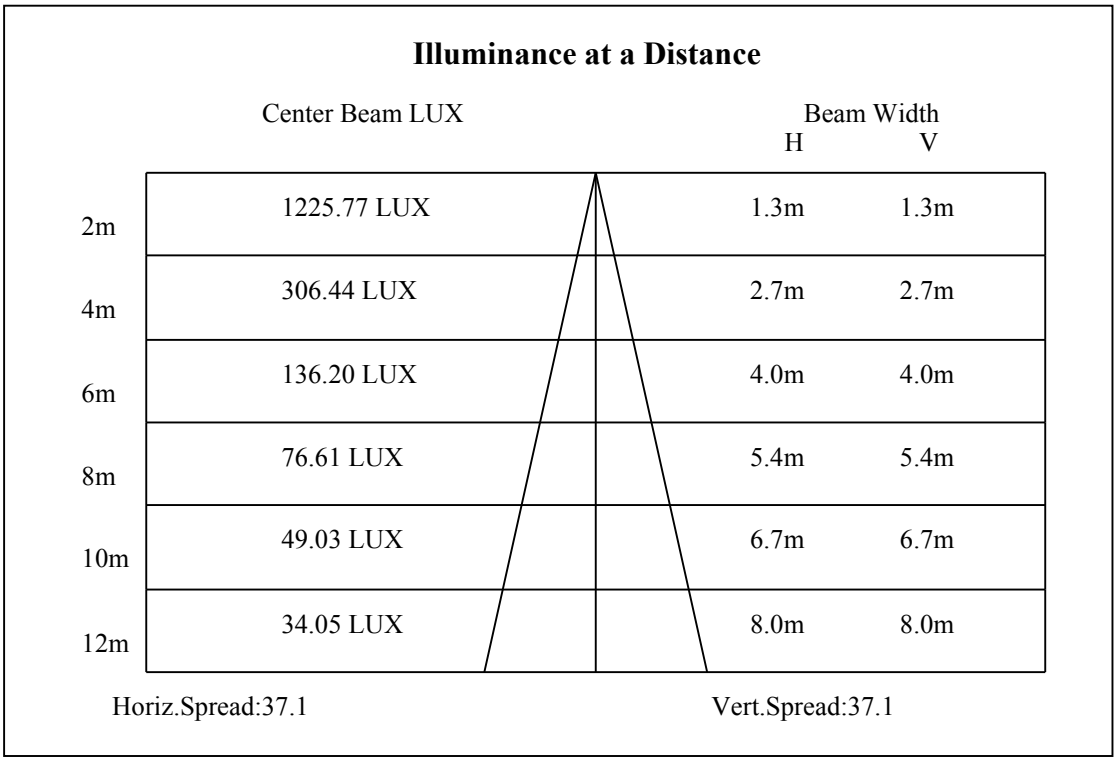
C0/C180:

C90/C270:

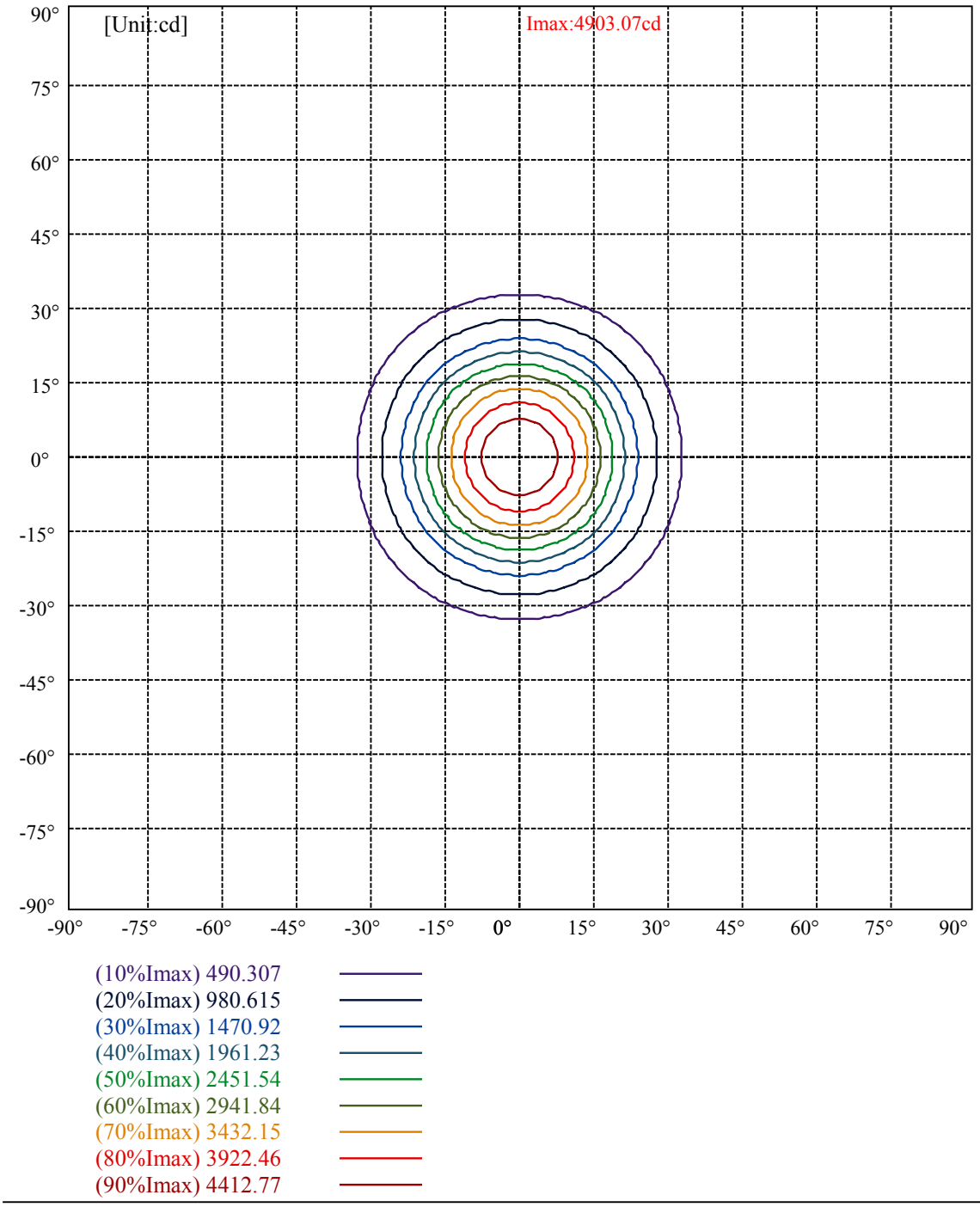
Field angle(10%Imax):C0/180Left:32.3 Right:32.3
:C90/270Left:32.3 Right:32.3

Beam Angle(50%Imax):C0/180Left:18.6 Right:18.6
:C90/270Left:18.6 Right:18.6

Lux distance Curve



ISO-Intensity(V-H)

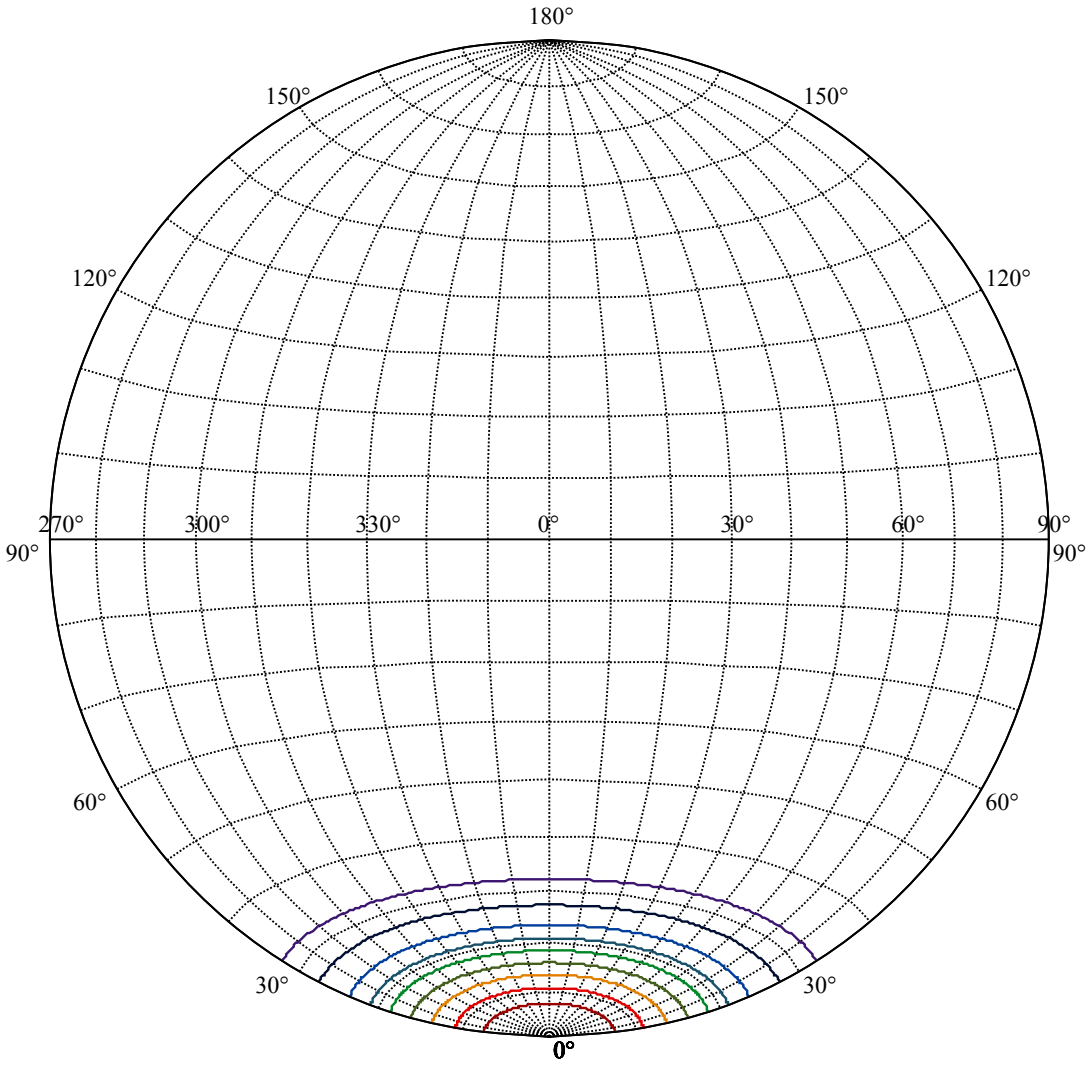


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/8
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web

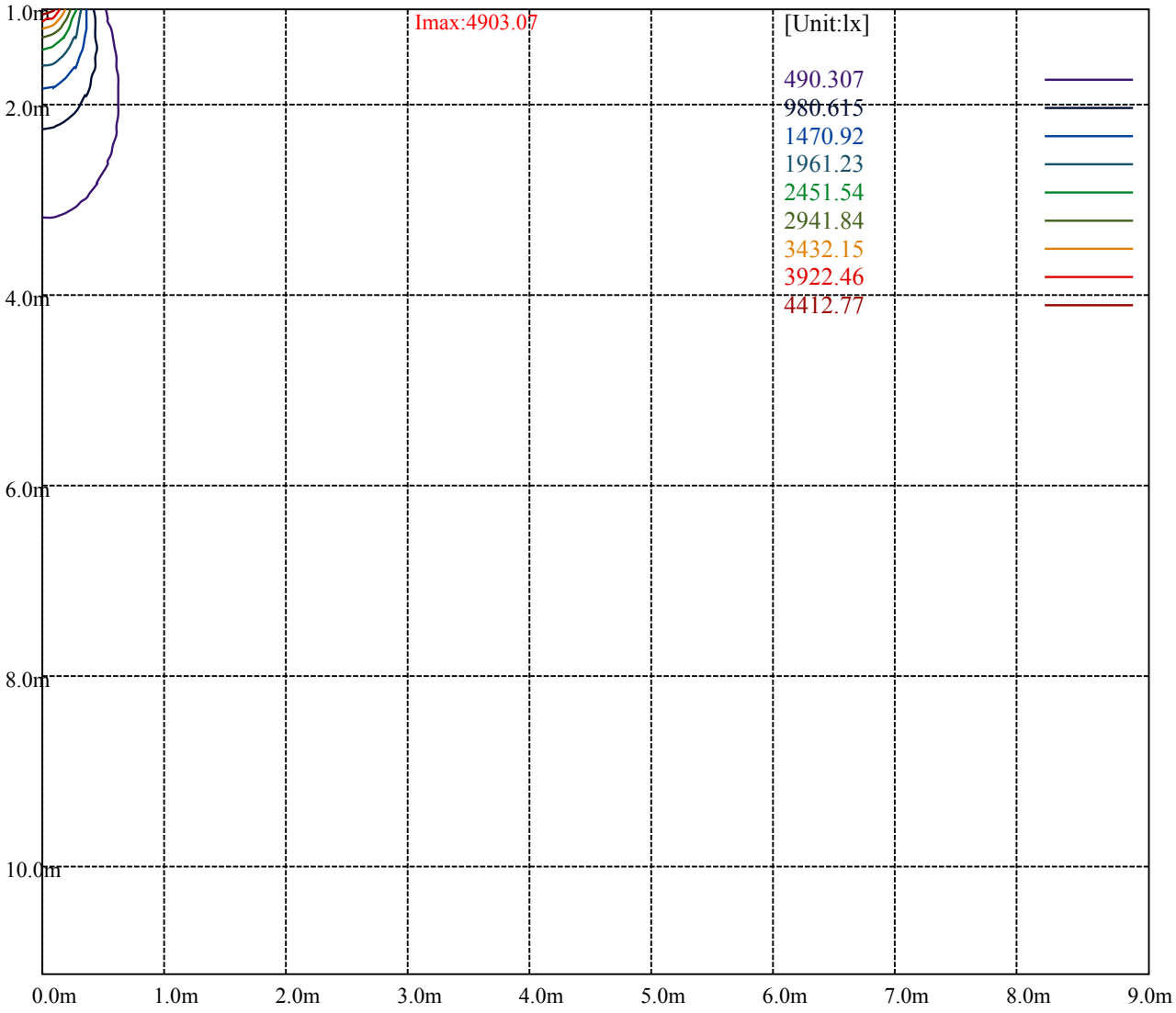


House [Unit:cd] Road

Imax:4903.07

(10%Imax) 490.307
(20%Imax) 980.615
(30%Imax) 1470.92
(40%Imax) 1961.23
(50%Imax) 2451.54
(60%Imax) 2941.84
(70%Imax) 3432.15
(80%Imax) 3922.46
(90%Imax) 4412.77

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/8
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

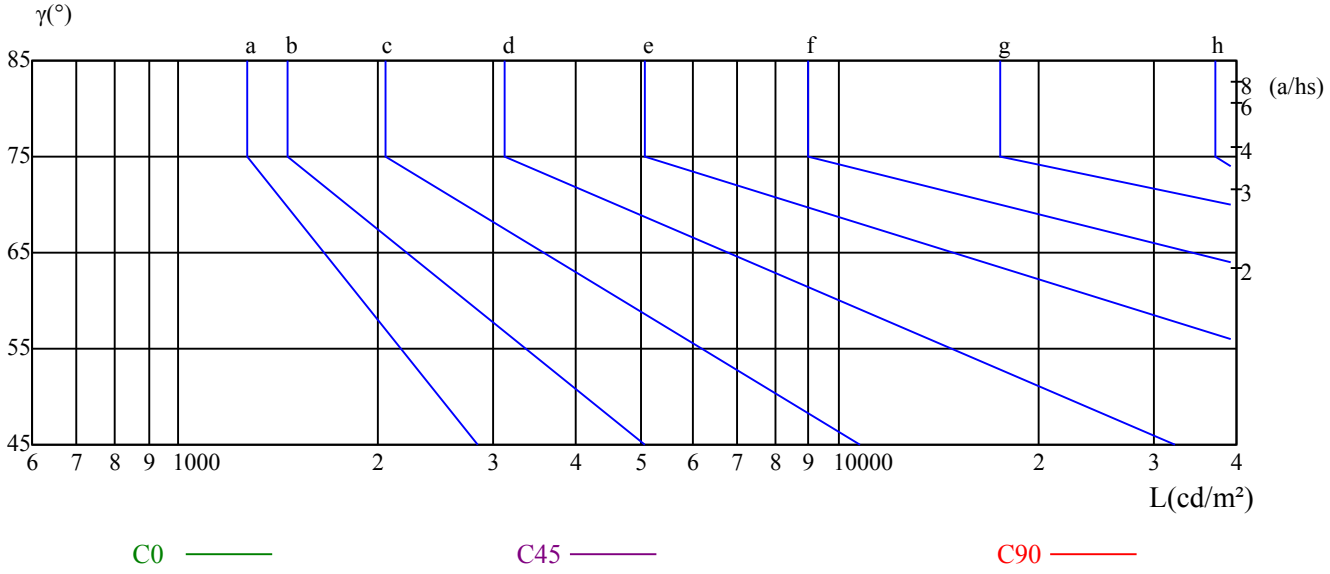
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

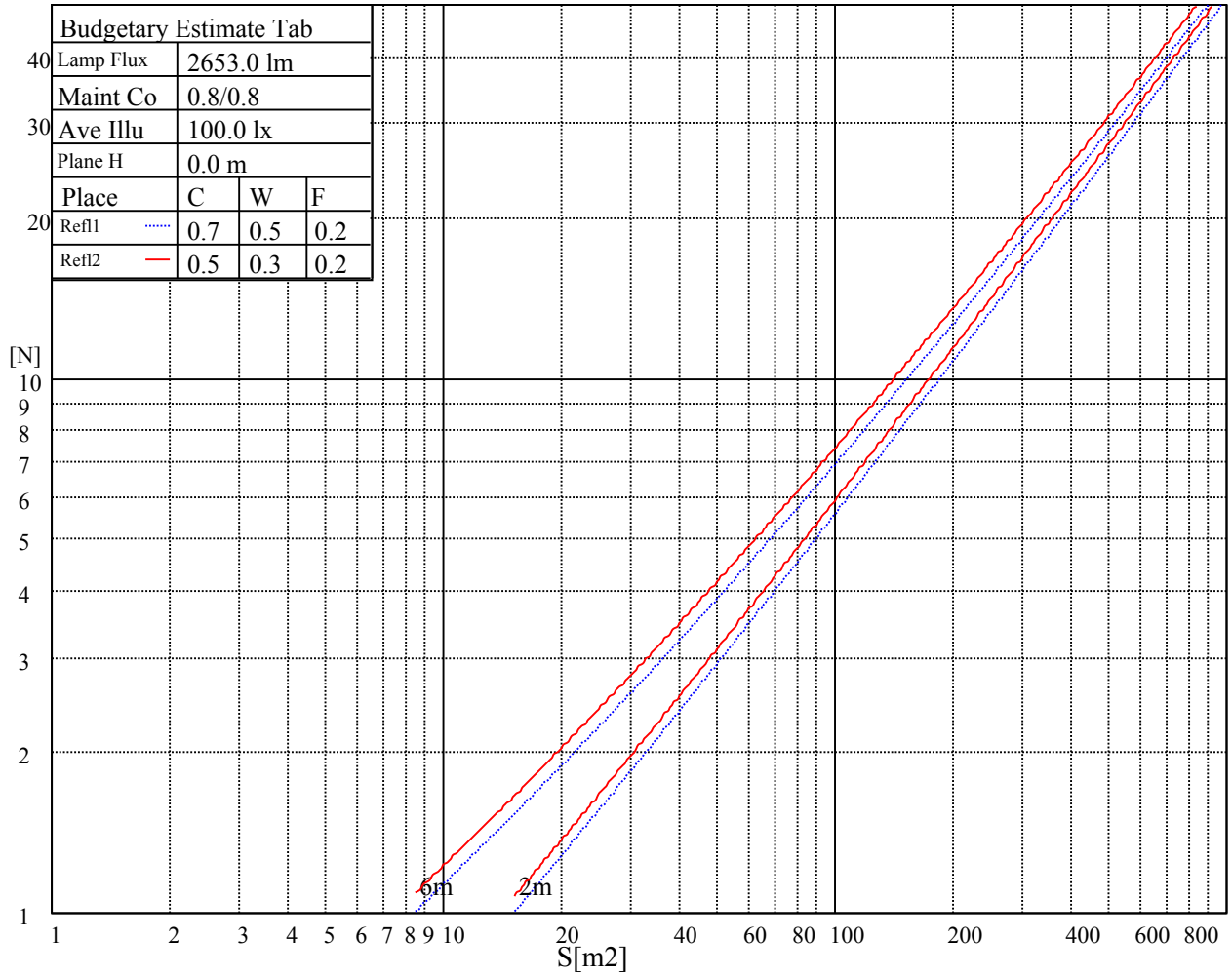
Luminance Limitting Curve



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

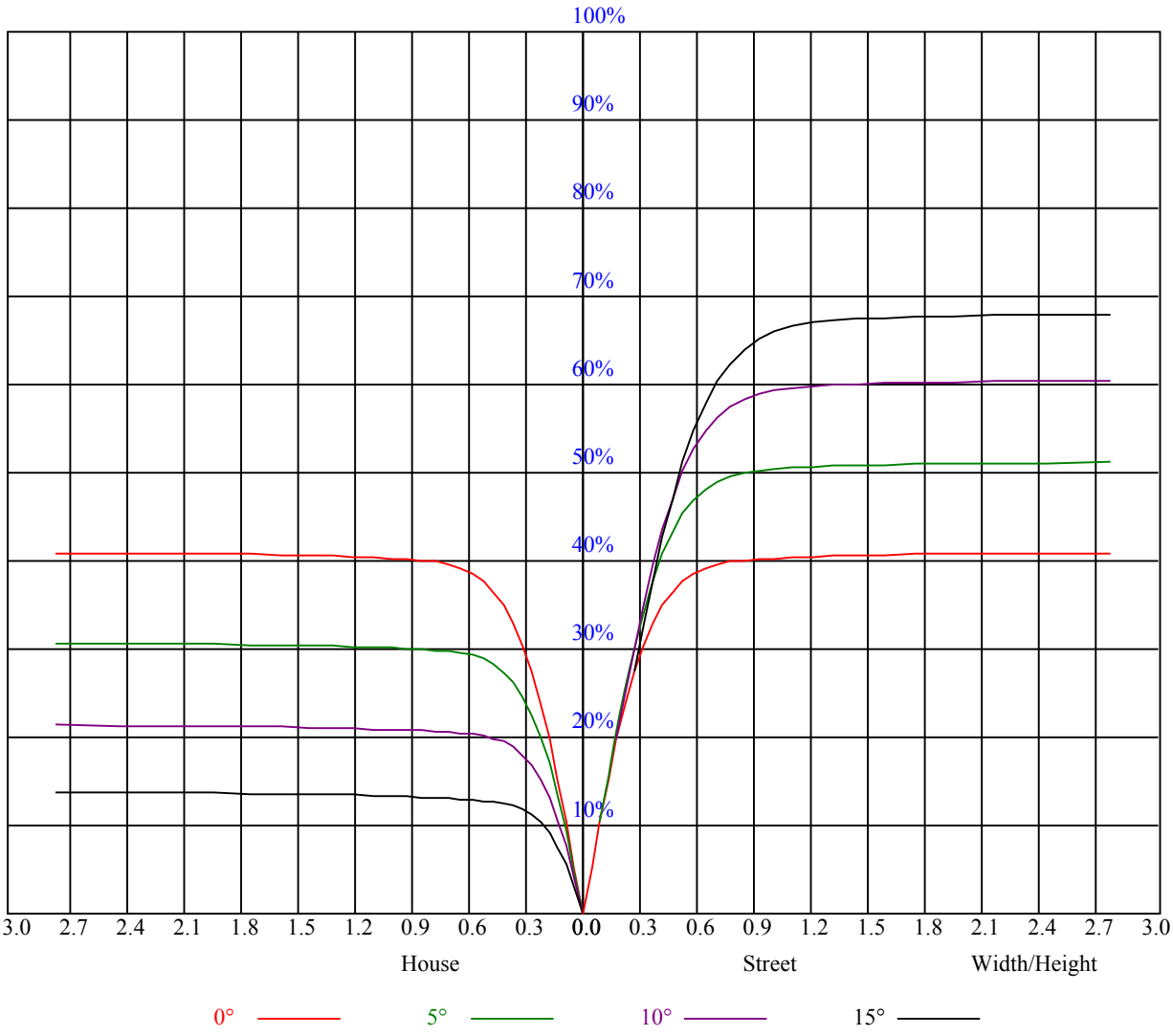


Equipment: GMS1980 Date: 2024/3/8 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Utilization factor table for indoor luminaire

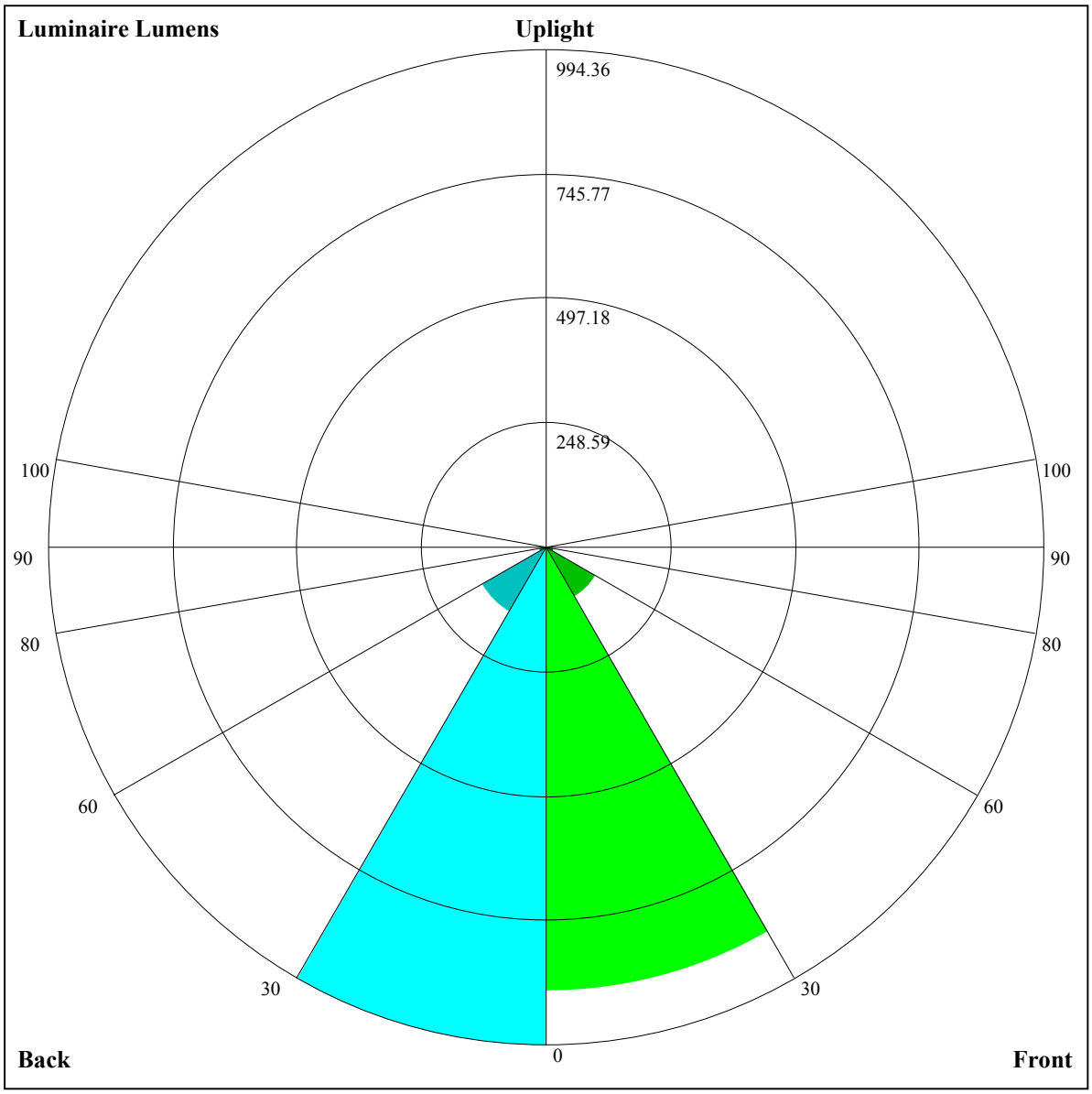
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	0.98	0.98	0.98	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.84	0.84	0.84	0.82
1	0.92	0.90	0.88	0.90	0.88	0.87	0.87	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79	0.78
2	0.86	0.83	0.81	0.85	0.82	0.80	0.82	0.80	0.78	0.80	0.78	0.76	0.78	0.76	0.75	0.74
3	0.82	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.73	0.76	0.74	0.72	0.75	0.73	0.71	0.70
4	0.77	0.73	0.70	0.76	0.73	0.70	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.69	0.67	0.66
5	0.73	0.69	0.66	0.73	0.69	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.66	0.64	0.63
6	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.60
7	0.67	0.63	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.63	0.61	0.58	0.57
8	0.64	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.61	0.58	0.56	0.55
9	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.53
10	0.59	0.55	0.52	0.58	0.55	0.52	0.58	0.54	0.52	0.57	0.54	0.52	0.57	0.54	0.51	0.51

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/8	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

LCS Graph



Luminaire Lumens:
FL=887.48,FM=115.41,FH=15.64,FVH=5.4
BL=994.36,BM=149.96,BH=15.8,BVH=5.55
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	4867.96	4812.95	4750.92	4670.74	4549.60	4438.40	4275.13	4135.26	3986.03
45.0	4915.36	4890.20	4852.16	4780.76	4706.44	4618.07	4488.15	4363.50	4196.12
90.0	4902.49	4873.23	4828.16	4754.43	4676.59	4582.96	4441.33	4318.43	4180.32
135.0	4926.48	4924.73	4908.93	4870.30	4820.56	4758.52	4681.86	4563.64	4454.21
180.0	4867.96	4910.10	4925.90	4923.56	4906.58	4869.72	4828.75	4768.47	4677.18
225.0	4915.36	4921.80	4906.00	4882.01	4843.97	4790.13	4709.36	4628.02	4522.09
270.0	4902.49	4920.05	4915.36	4898.39	4859.18	4802.41	4738.63	4660.79	4535.55
315.0	4926.48	4911.27	4873.81	4828.16	4763.79	4666.06	4573.01	4436.65	4309.07
360.0	4867.96	4812.95	4750.92	4670.74	4549.60	4438.40	4275.13	4135.26	3986.03

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3785.88	3617.33	3443.52	3267.37	3042.06	2854.79	2662.25	2470.29	2232.69
45.0	4049.82	3894.73	3732.62	3521.36	3346.96	3164.96	2978.27	2740.67	2546.96
90.0	4029.92	3827.43	3653.62	3480.39	3302.48	3073.07	2886.39	2652.30	2459.76
135.0	4326.63	4147.55	3994.80	3830.94	3615.58	3440.60	3211.19	3022.75	2834.89
180.0	4585.88	4452.45	4327.21	4183.25	4031.09	3826.26	3651.86	3476.30	3299.56
225.0	4374.62	4238.84	4093.12	3900.58	3740.23	3568.76	3344.03	3167.30	2982.95
270.0	4423.19	4302.63	4162.76	3972.57	3813.38	3646.01	3421.87	3243.96	3020.99
315.0	4167.45	4017.04	3821.58	3658.30	3491.51	3315.94	3091.22	2905.12	2715.50
360.0	3785.88	3617.33	3443.52	3267.37	3042.06	2854.79	2662.25	2470.29	2232.69

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2043.08	1857.56	1679.65	1479.51	1140.31	1140.31	1083.43	968.90	827.68
45.0	2357.34	2167.73	1935.98	1753.39	1541.54	1398.75	1246.00	1127.20	1003.72
90.0	2268.98	2033.13	1848.78	1674.39	1474.24	1158.92	1158.92	1098.29	976.80
135.0	2645.28	2455.66	2216.89	2028.45	1845.86	1669.12	1472.48	1339.64	1218.50
180.0	3075.42	2888.73	2690.92	2486.09	2251.42	2064.73	1830.64	1660.93	1508.77
225.0	2789.24	2546.96	2355.59	2163.64	1976.36	1754.56	1592.46	1418.06	1151.61
270.0	2840.16	2647.03	2441.03	2205.77	2023.77	1841.76	1665.61	1470.73	1343.15
315.0	2524.13	2278.92	2087.56	1853.47	1675.56	1515.21	1147.80	1147.80	1121.41
360.0	2043.08	1857.56	1679.65	1479.51	1140.31	1140.31	1083.43	968.90	827.68

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	724.51	634.68	551.11	454.37	384.02	318.83	256.80	188.09	139.58
45.0	888.43	753.24	658.44	572.99	493.99	409.13	338.90	308.47	308.47
90.0	838.80	733.40	642.34	552.63	458.41	386.95	320.35	245.38	190.02
135.0	1064.00	942.27	802.99	704.08	614.54	516.81	444.24	373.43	309.64
180.0	1345.49	1230.20	1114.91	968.02	856.24	750.32	661.36	554.27	477.02
225.0	1151.61	1036.08	923.08	812.58	690.92	603.78	524.60	451.97	364.60
270.0	1229.62	1118.42	973.29	867.95	760.85	646.73	558.95	465.31	390.40
315.0	982.01	872.39	767.05	670.96	582.30	485.15	412.58	344.76	267.16
360.0	724.51	634.68	551.11	454.37	384.02	318.83	256.80	188.09	139.58

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	102.71	77.13	69.70	61.62	56.24	51.79	47.87	43.54	40.38
45.0	149.70	109.44	84.51	72.39	65.84	59.87	54.02	49.98	46.35
90.0	136.01	101.54	84.04	74.03	67.07	61.10	56.18	50.74	46.82
135.0	309.64	171.82	124.65	95.10	79.47	72.39	65.66	60.22	54.48
180.0	403.28	336.56	304.38	304.38	145.02	106.92	83.51	75.90	67.13
225.0	301.62	240.06	184.05	129.16	96.39	81.35	73.97	65.43	60.04
270.0	328.37	310.81	237.54	143.44	104.29	78.89	71.57	64.96	59.22
315.0	210.74	159.59	106.86	81.70	69.12	62.68	56.94	52.38	47.58
360.0	102.71	77.13	69.70	61.62	56.24	51.79	47.87	43.54	40.38

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	37.57	34.53	32.30	30.31	28.56	26.57	25.22	23.99	22.82
45.0	42.31	39.44	36.81	34.35	31.72	29.61	28.03	26.63	24.93
90.0	43.37	40.20	36.81	34.35	32.07	29.61	27.92	26.04	24.70
135.0	50.33	45.76	42.49	39.50	36.11	33.59	31.54	29.67	27.56
180.0	61.51	56.83	51.68	47.99	44.71	40.97	38.22	35.70	33.36
225.0	54.54	50.56	46.99	43.01	40.20	37.51	35.05	32.30	30.37
270.0	53.78	49.86	46.35	42.43	39.62	36.99	34.06	32.01	30.02
315.0	44.13	41.08	38.33	35.23	32.95	30.90	29.03	26.92	25.40
360.0	37.57	34.53	32.30	30.31	28.56	26.57	25.22	23.99	22.82

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.59	20.78	20.01	19.20	18.61	18.02	17.62	17.21	16.85
45.0	23.76	22.77	21.59	20.78	19.90	19.31	18.73	18.32	17.79
90.0	23.53	22.47	21.24	20.42	19.72	19.14	18.43	17.97	17.56
135.0	26.16	24.81	23.70	22.36	21.30	20.42	19.61	18.96	18.26
180.0	31.25	28.97	27.33	25.87	24.29	23.17	21.95	21.07	20.25
225.0	28.62	26.98	25.22	24.05	22.94	21.71	20.89	20.13	19.25
270.0	27.92	26.39	25.05	23.82	22.53	21.54	20.78	20.01	19.25
315.0	23.82	22.65	21.65	20.54	19.78	19.08	18.49	17.85	17.38
360.0	21.59	20.78	20.01	19.20	18.61	18.02	17.62	17.21	16.85

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	16.39	16.04	15.68	15.27	14.86	14.51	14.22	13.93	13.46
45.0	17.50	17.62	18.26	19.25	19.96	20.31	20.13	19.78	19.78
90.0	17.15	16.68	16.44	16.21	16.15	15.98	15.98	16.09	16.04
135.0	17.79	17.32	16.80	16.39	15.98	15.63	15.22	14.75	14.34
180.0	19.55	18.79	18.20	17.73	17.09	16.62	16.15	15.74	15.27
225.0	18.67	18.14	17.56	17.03	16.56	16.04	15.63	15.22	14.86
270.0	18.67	18.14	17.50	17.09	16.50	16.09	15.68	15.27	14.81
315.0	16.91	16.50	15.98	15.63	15.22	14.75	14.46	14.10	13.69
360.0	16.39	16.04	15.68	15.27	14.86	14.51	14.22	13.93	13.46

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.23	12.82	12.58	12.23	11.94	11.59	11.35	10.94	10.59
45.0	19.55	18.61	17.21	15.86	15.39	14.57	13.17	12.76	11.76
90.0	15.45	15.16	14.92	14.22	13.75	12.93	12.35	11.82	11.35
135.0	14.05	13.58	13.28	12.93	12.58	12.23	12.00	11.65	11.35
180.0	14.86	14.46	14.05	13.69	13.34	12.87	12.58	12.29	11.94
225.0	14.34	13.99	13.64	13.23	12.93	12.58	12.23	11.94	11.65
270.0	14.40	14.05	13.69	13.28	12.93	12.70	12.29	12.00	11.70
315.0	13.40	12.99	12.76	12.41	12.11	11.82	11.47	11.24	11.00
360.0	13.23	12.82	12.58	12.23	11.94	11.59	11.35	10.94	10.59

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.42	10.18	9.95	9.77	9.42	9.31	9.19	9.13	9.19
45.0	10.94	10.65	10.24	10.01	9.71	9.42	9.25	9.13	9.13
90.0	10.94	10.42	10.12	9.89	9.54	9.36	9.25	9.13	9.07
135.0	10.94	10.71	10.48	10.24	9.95	9.66	9.54	9.42	9.25
180.0	11.65	11.29	11.06	10.77	10.48	10.18	9.95	9.66	9.54
225.0	11.29	11.06	10.65	10.36	10.07	9.95	9.60	9.48	9.31
270.0	11.35	11.12	10.71	10.48	10.18	9.95	9.66	9.42	9.31
315.0	10.71	10.42	10.18	10.01	9.89	9.60	9.36	9.31	9.19
360.0	10.42	10.18	9.95	9.77	9.42	9.31	9.19	9.13	9.19

Intensity data(cd)

C/γ(°)	90.0
0.0	9.13
45.0	9.13
90.0	9.13
135.0	9.13
180.0	9.36
225.0	9.25
270.0	9.19
315.0	9.13
360.0	9.13