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NT

Client:
LumCAT: 2-2682-L
Luminaire: 92.70.412.00
Report No: 2024305-B010
Ballast type: AC

Test No: 2024305-C010	Voltage(V): 0.000
LampCAT: TRIDONIC SLE G7 15MM	Current(A): 0.000
Lamp flux(lm): 3287.0	Power (W): 0.000
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2844.70, Efficiency(%): 86.54% , Luminous Efficacy(lm/W): 0.00
Central intensity(cd): 11873.220, Maximum intensity(cd): 11873.220
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=19.4
[C90/270]Total=19.4
Field angle(10%Imax): [C0/180]Total=54.4
[C90/270]Total=54.4
Maximum s/h(1/2): C0_180=0.33 C90_270=0.33
Maximum s/h(1/4): C0_180=0.39 C90_270=0.39
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 86.54%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.078%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	11873.220	0.000	0	0.00%	0.00%
1.0	11808.334	11.331	11.331	0.34%	0.40%
2.0	11521.500	33.485	44.816	1.02%	1.58%
3.0	11078.046	54.051	98.867	1.64%	3.48%
4.0	10443.808	72.041	170.908	2.19%	6.01%
5.0	9669.775	86.528	257.435	2.63%	9.05%
6.0	8853.313	97.344	354.779	2.96%	12.47%
7.0	8004.956	104.639	459.418	3.18%	16.15%
8.0	7156.892	108.510	567.928	3.30%	19.96%
9.0	6377.958	109.693	677.621	3.34%	23.82%
10.0	5703.047	109.329	786.95	3.33%	27.66%
11.0	5112.921	108.074	895.023	3.29%	31.46%
12.0	4627.769	106.480	1001.503	3.24%	35.21%
13.0	4198.507	104.746	1106.249	3.19%	38.89%
14.0	3785.191	102.191	1208.439	3.11%	42.48%
15.0	3458.416	99.443	1307.883	3.03%	45.98%
16.0	3145.467	96.765	1404.648	2.94%	49.38%
17.0	2927.105	94.566	1499.215	2.88%	52.70%
18.0	2685.561	92.541	1591.755	2.82%	55.96%
19.0	2470.644	89.707	1681.463	2.73%	59.11%
20.0	2257.410	86.537	1767.999	2.63%	62.15%
21.0	2028.960	82.307	1850.306	2.50%	65.04%
22.0	1844.541	77.840	1928.146	2.37%	67.78%
23.0	1697.943	74.331	2002.477	2.26%	70.39%
24.0	1544.979	70.902	2073.379	2.16%	72.89%
25.0	1401.402	66.994	2140.373	2.04%	75.24%
26.0	1293.574	63.615	2203.988	1.94%	77.48%
27.0	1204.210	61.109	2265.097	1.86%	79.63%
28.0	1124.056	58.947	2324.044	1.79%	81.70%
29.0	1028.869	56.327	2380.37	1.71%	83.68%
30.0	919.352	52.602	2432.972	1.60%	85.53%
31.0	808.174	48.075	2481.047	1.46%	87.22%
32.0	704.560	43.338	2524.385	1.32%	88.74%
33.0	594.077	38.258	2562.643	1.16%	90.08%
34.0	494.003	32.928	2595.571	1.00%	91.24%
35.0	394.493	27.593	2623.165	0.84%	92.21%
36.0	313.468	22.542	2645.706	0.69%	93.00%
37.0	255.356	18.552	2664.258	0.56%	93.66%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	187.126	14.769	2679.028	0.45%	94.18%
39.0	139.649	11.154	2690.181	0.34%	94.57%
40.0	96.518	8.237	2698.418	0.25%	94.86%
41.0	82.473	6.374	2704.792	0.19%	95.08%
42.0	75.121	5.726	2710.518	0.17%	95.28%
43.0	69.276	5.349	2715.866	0.16%	95.47%
44.0	65.194	5.075	2720.942	0.15%	95.65%
45.0	61.997	4.888	2725.83	0.15%	95.82%
46.0	58.910	4.728	2730.558	0.14%	95.99%
47.0	56.423	4.587	2735.145	0.14%	96.15%
48.0	54.294	4.476	2739.621	0.14%	96.31%
49.0	52.443	4.383	2744.004	0.13%	96.46%
50.0	50.944	4.311	2748.315	0.13%	96.61%
51.0	49.868	4.265	2752.58	0.13%	96.76%
52.0	48.976	4.241	2756.822	0.13%	96.91%
53.0	48.340	4.233	2761.055	0.13%	97.06%
54.0	47.893	4.242	2765.296	0.13%	97.21%
55.0	47.498	4.258	2769.554	0.13%	97.36%
56.0	46.942	4.268	2773.822	0.13%	97.51%
57.0	45.845	4.242	2778.064	0.13%	97.66%
58.0	44.038	4.157	2782.221	0.13%	97.80%
59.0	41.653	4.006	2786.227	0.12%	97.94%
60.0	38.647	3.794	2790.021	0.12%	98.08%
61.0	35.209	3.525	2793.545	0.11%	98.20%
62.0	31.895	3.233	2796.779	0.10%	98.32%
63.0	28.596	2.942	2799.721	0.09%	98.42%
64.0	25.238	2.642	2802.362	0.08%	98.51%
65.0	22.582	2.367	2804.729	0.07%	98.60%
66.0	20.527	2.151	2806.88	0.07%	98.67%
67.0	19.137	1.994	2808.874	0.06%	98.74%
68.0	18.186	1.891	2810.765	0.06%	98.81%
69.0	17.630	1.827	2812.592	0.06%	98.87%
70.0	17.140	1.786	2814.378	0.05%	98.93%
71.0	16.701	1.749	2816.127	0.05%	99.00%
72.0	16.335	1.718	2817.844	0.05%	99.06%
73.0	16.021	1.692	2819.536	0.05%	99.12%
74.0	15.757	1.671	2821.207	0.05%	99.17%
75.0	15.472	1.650	2822.857	0.05%	99.23%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.223	1.629	2824.487	0.05%	99.29%
77.0	14.952	1.609	2826.095	0.05%	99.35%
78.0	14.711	1.588	2827.683	0.05%	99.40%
79.0	14.426	1.566	2829.249	0.05%	99.46%
80.0	14.119	1.539	2830.788	0.05%	99.51%
81.0	13.782	1.509	2832.296	0.05%	99.56%
82.0	13.489	1.479	2833.775	0.04%	99.62%
83.0	13.168	1.449	2835.224	0.04%	99.67%
84.0	12.890	1.420	2836.644	0.04%	99.72%
85.0	12.634	1.393	2838.037	0.04%	99.77%
86.0	12.421	1.370	2839.407	0.04%	99.81%
87.0	12.224	1.349	2840.755	0.04%	99.86%
88.0	12.026	1.328	2842.084	0.04%	99.91%
89.0	11.909	1.312	2843.396	0.04%	99.95%
90.0	11.814	1.301	2844.696	0.04%	100.00%

Zonal flux distribution table

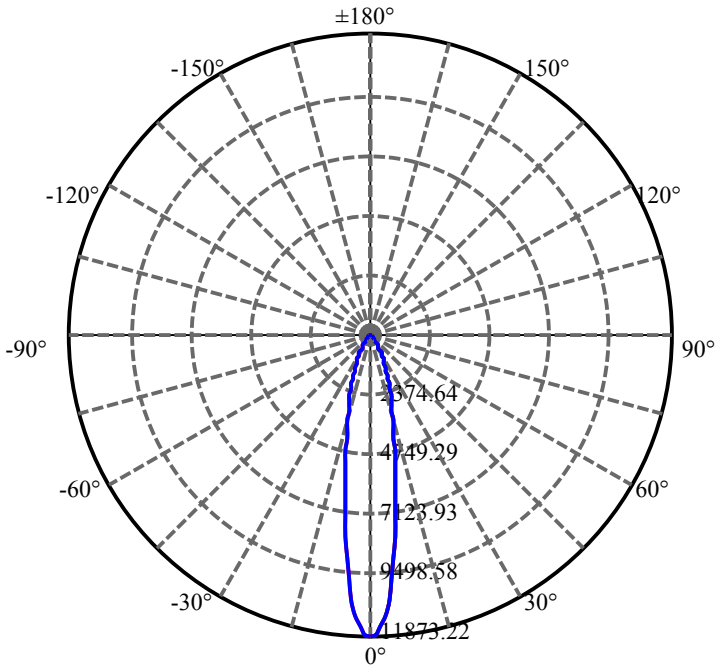
ZONAL LUMEN SUMMARY

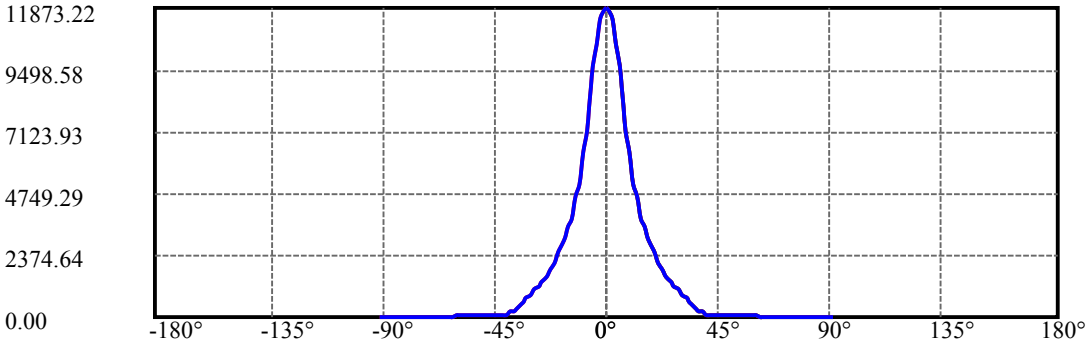
Zone	Lumens	%Lamp	%Fixt
0-30	2432.97	74.02%	85.53%
0-40	2698.42	82.09%	94.86%
0-60	2790.02	84.88%	98.08%
0-90	2843.40	86.50%	99.95%
0-120	2843.40	86.50%	99.95%
0-180	2844.70	86.54%	100.00%
60-90	53.37	1.62%	1.88%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.18	2275.76	69.24%	80.00%

ZONAL LUMEN SUMMARY

0-10	786.95
10-20	981.05
20-30	664.97
30-40	265.45
40-50	49.90
50-60	41.71
60-70	24.36
70-80	16.41
80-90	12.61
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:

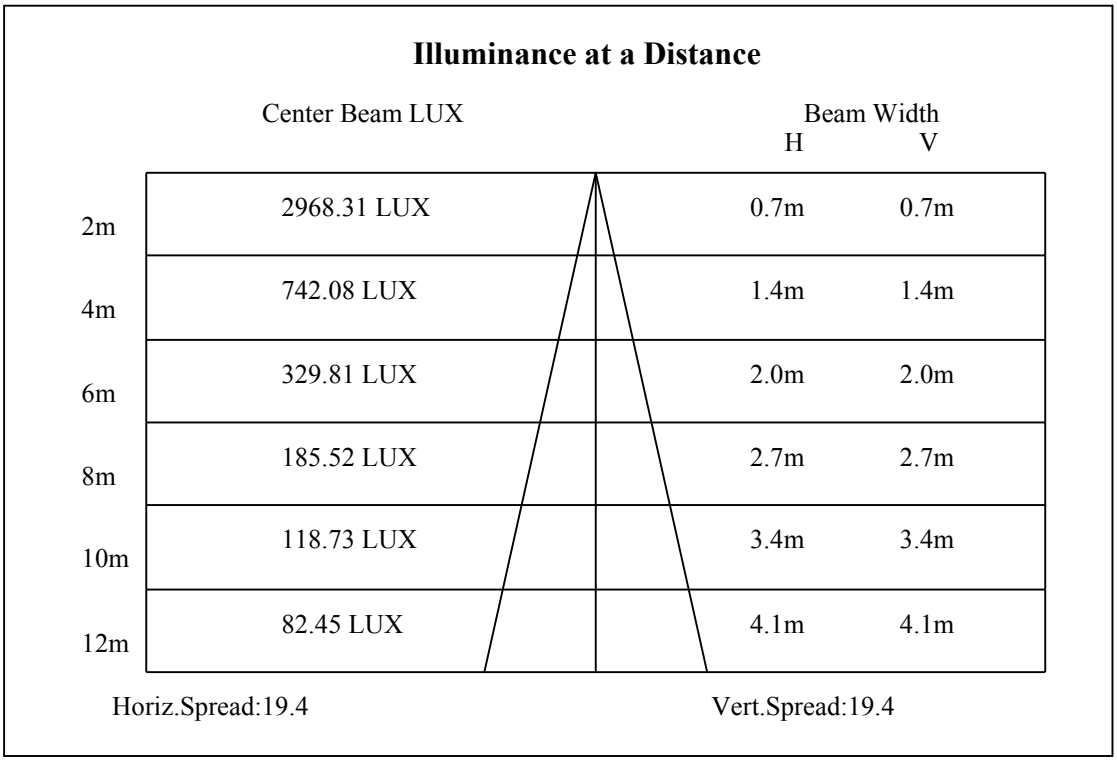
C90/C270:

Field angle(10%Imax):C0/180Left:27.2 Right:27.2
:C90/270Left:27.2 Right:27.2

Beam Angle(50%Imax):C0/180Left:9.7 Right:9.7
:C90/270Left:9.7 Right:9.7

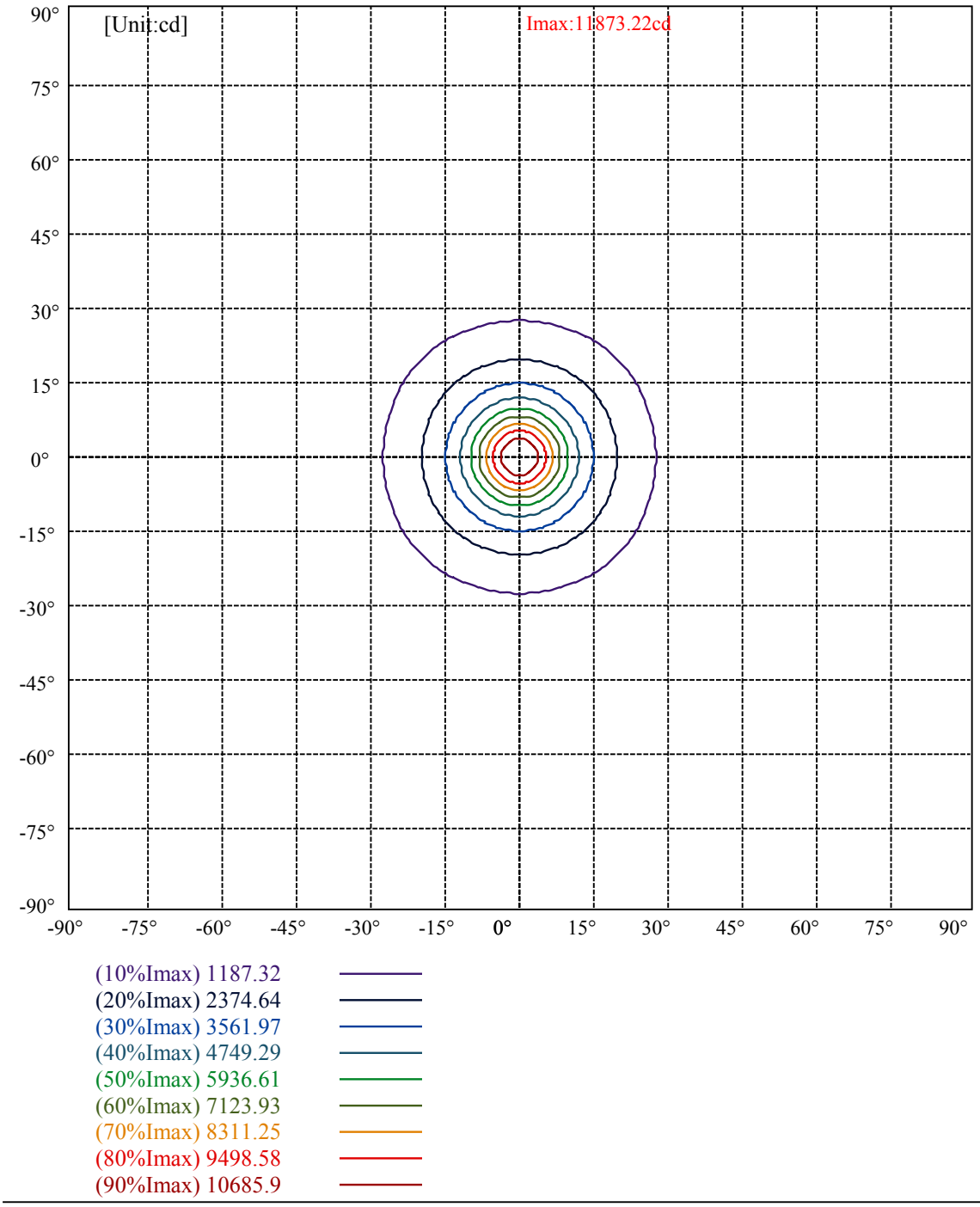
Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Lux distance Curve



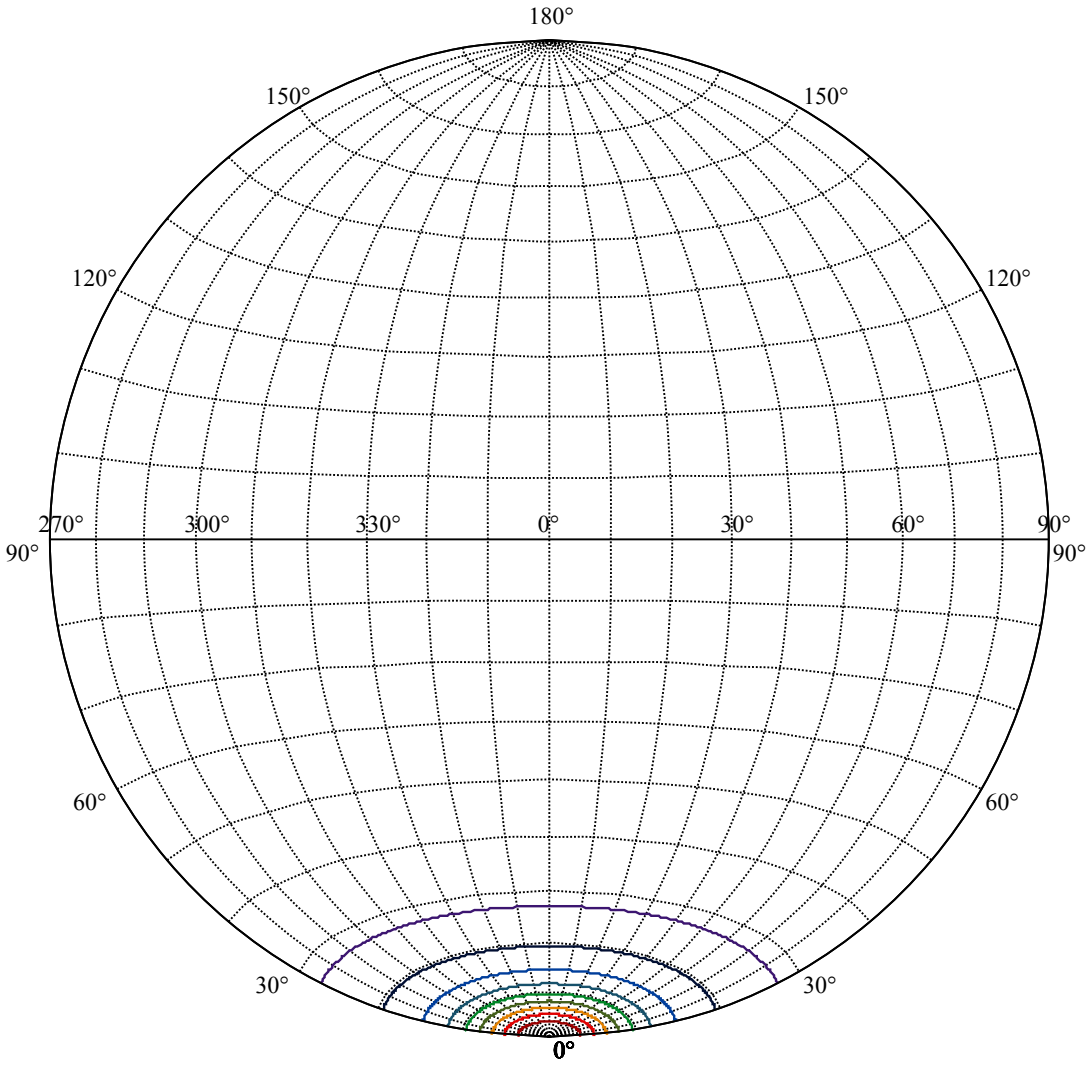
Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)



Equipment: GMS1980	Date: 2024/3/05	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

ISO candela diagram on circular web



[Unit:cd]

Imax:11873.22

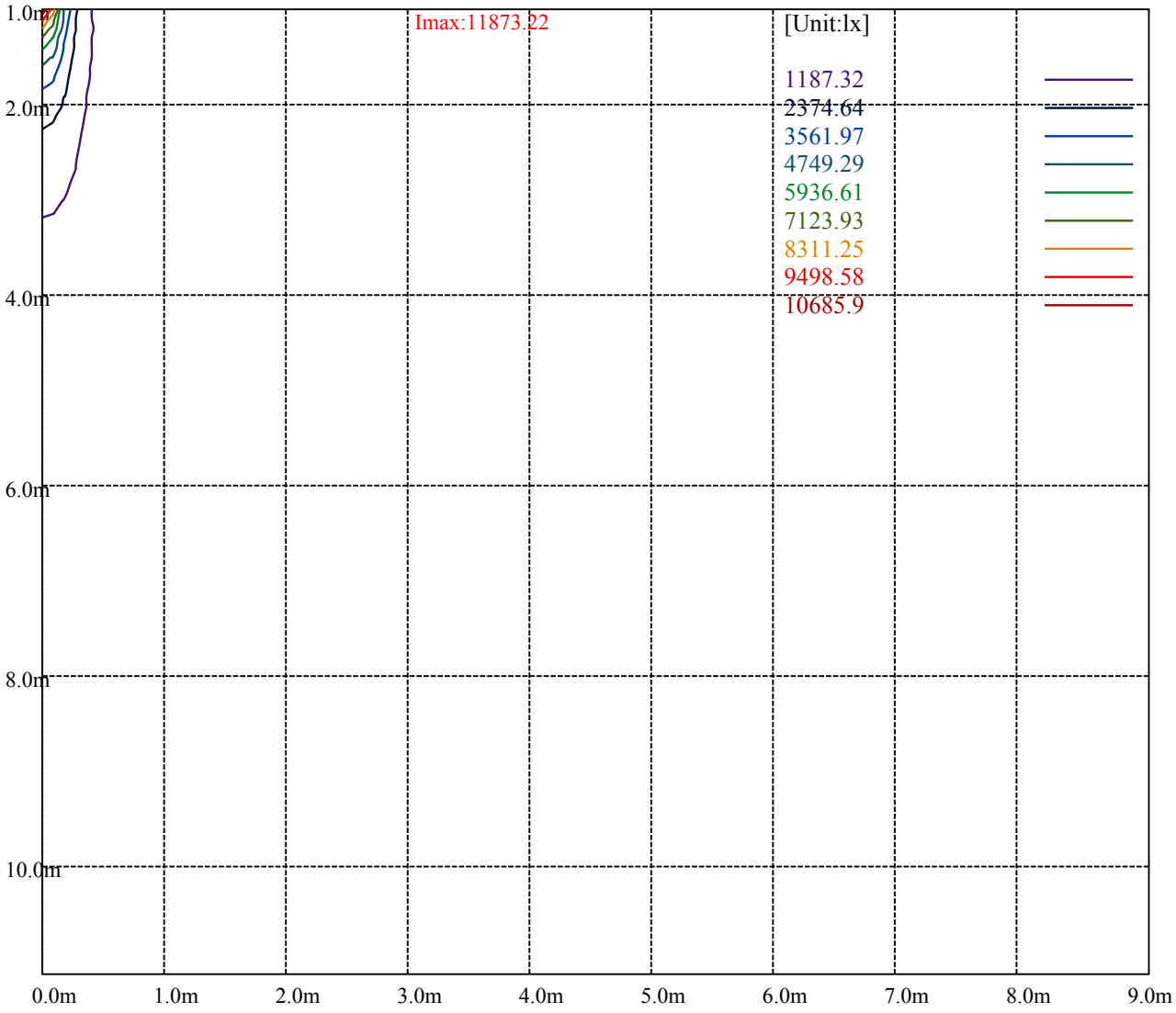
(10%Imax) 1187.32
(20%Imax) 2374.64
(30%Imax) 3561.97
(40%Imax) 4749.29
(50%Imax) 5936.61
(60%Imax) 7123.93
(70%Imax) 8311.25
(80%Imax) 9498.58
(90%Imax) 10685.9

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

Luminance Limitting Curve(no luminous side)

Luminance Table

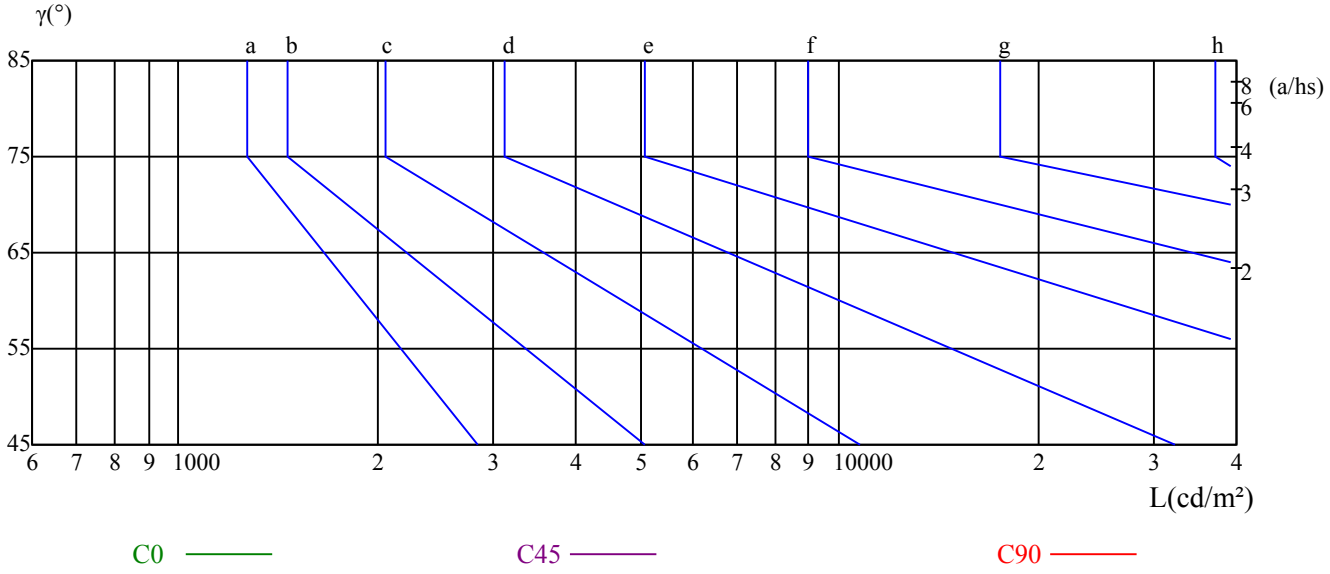
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

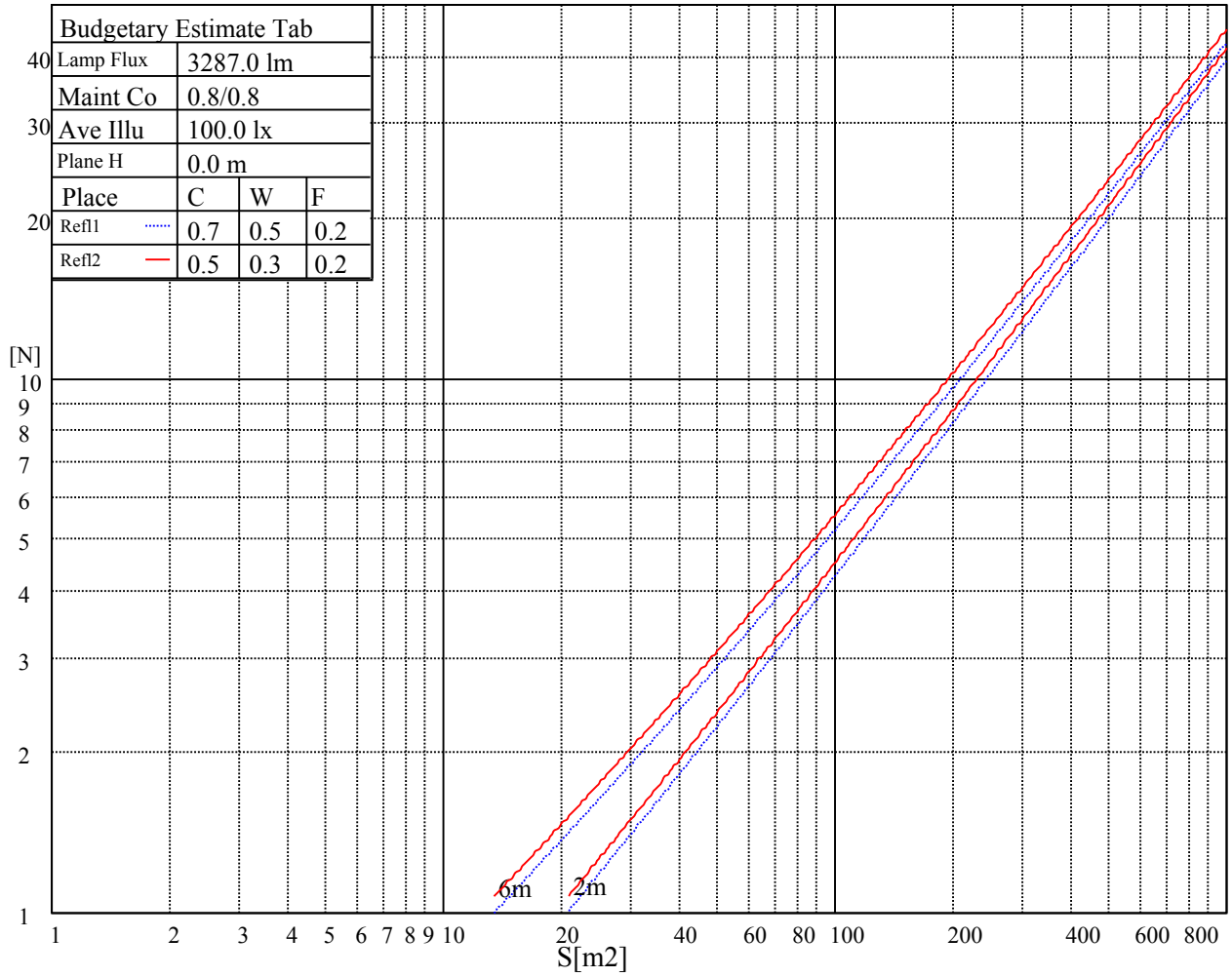
Luminance Limitting Curve



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

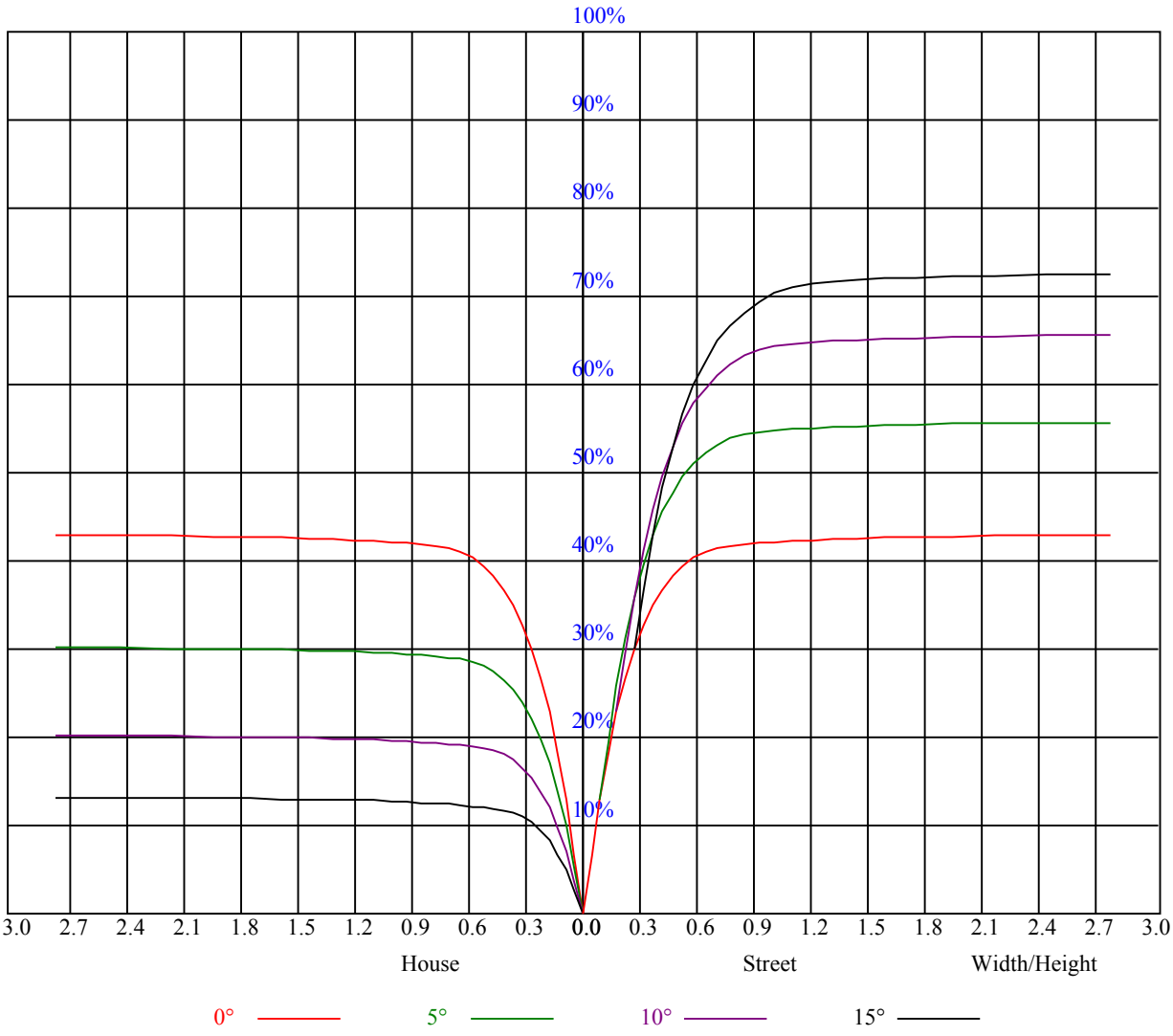


Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Utilization factor table for indoor luminaire

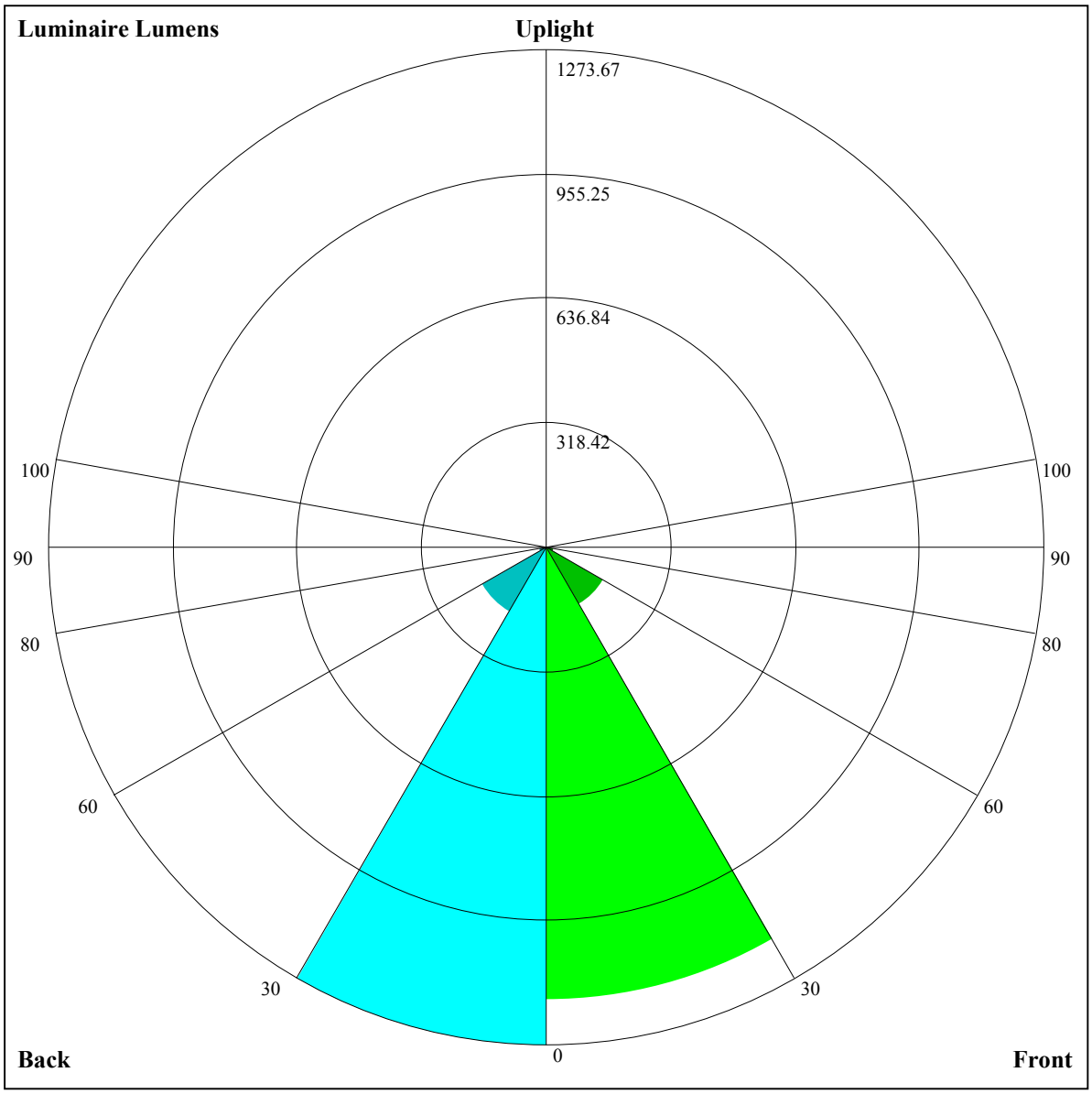
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.03	1.03	1.03	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.87
1	0.97	0.95	0.93	0.95	0.93	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
2	0.91	0.88	0.85	0.90	0.87	0.84	0.87	0.85	0.83	0.84	0.82	0.81	0.82	0.81	0.79	0.78
3	0.86	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.78	0.77	0.79	0.77	0.75	0.74
4	0.82	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.71
5	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.69	0.73	0.71	0.69	0.68
6	0.75	0.71	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
7	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.62
8	0.69	0.65	0.62	0.68	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.60
9	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58
10	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.56

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/05	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

LCS Graph



Luminaire Lumens:
FL=1161.08,FM=167.28,FH=19.94,FVH=6.9
BL=1273.67,BM=192.22,BH=20.97,BVH=7.01
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	11574.64	11318.90	10585.61	9888.02	9067.53	8000.67	7181.94	6439.87	5787.93
45.0	12141.08	11860.17	11409.55	10683.87	9999.15	9209.10	8366.38	7541.21	6593.14
90.0	11595.12	11595.12	10900.46	10266.66	9507.04	8495.77	7687.57	6757.65	6081.72
135.0	12182.04	12076.70	11743.12	11081.82	10449.78	9735.80	8717.51	7880.64	7090.59
180.0	11574.64	11574.64	12152.78	12018.18	11678.75	11017.45	10402.96	9688.99	8846.26
225.0	12141.08	12176.19	11615.02	11498.56	10943.77	10288.90	9348.44	8451.88	7544.19
270.0	11595.12	12223.01	12123.52	11918.69	11415.40	10847.73	10168.87	9226.66	8337.12
315.0	12182.04	11641.94	11641.94	11268.57	10489.05	9762.78	8952.83	8052.75	6974.18
360.0	11574.64	11318.90	10585.61	9888.02	9067.53	8000.67	7181.94	6439.87	5787.93

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5110.24	4642.65	4221.29	3843.82	3448.20	3166.71	2912.14	2626.55	2425.23
45.0	5937.69	5381.73	4884.29	4334.18	3959.63	3631.91	3263.21	2999.86	2999.86
90.0	5493.57	4979.74	4416.75	4024.07	3691.66	3324.14	3050.25	2806.80	2589.09
135.0	6394.17	5621.67	5106.67	4638.49	4228.84	3795.77	3479.75	3192.99	3005.72
180.0	7722.63	6903.31	6195.19	5580.71	4948.66	4498.04	4100.09	3655.32	3374.41
225.0	6701.47	5854.65	5295.76	4822.31	4399.78	3932.19	3605.63	3314.77	2985.29
270.0	7430.02	6634.11	5820.65	5264.68	4802.36	4263.95	3889.41	3473.90	3192.99
315.0	6233.88	5606.51	4962.77	4513.90	4108.92	3668.83	3366.86	3093.56	2844.25
360.0	5110.24	4642.65	4221.29	3843.82	3448.20	3166.71	2912.14	2626.55	2425.23

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2242.06	2027.28	1868.10	1722.38	1547.39	1425.67	1267.07	1160.21	1138.91
45.0	2499.55	2303.50	2083.46	1920.18	1768.02	1625.23	1460.78	1357.20	1272.34
90.0	2384.27	2157.20	1985.14	1793.19	1652.73	1519.89	1384.12	1148.80	1148.80
135.0	3005.72	2453.91	2220.40	2040.74	1838.25	1691.36	1553.25	1429.76	1309.21
180.0	3040.83	2976.45	2976.45	2374.90	2150.76	1983.39	1826.55	1679.07	1509.94
225.0	2747.69	2482.58	2288.87	2112.72	1906.14	1749.30	1604.16	1470.73	1356.61
270.0	2999.86	2999.86	2456.25	2257.86	2080.53	1923.69	1735.25	1586.60	1448.49
315.0	2564.51	2364.37	2180.61	2009.72	1812.50	1665.02	1528.67	1378.85	1164.31
360.0	2242.06	2027.28	1868.10	1722.38	1547.39	1425.67	1267.07	1160.21	1138.91

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1043.22	944.55	842.72	718.01	619.40	524.36	410.07	323.57	229.58
45.0	1194.50	1107.30	987.33	888.43	786.02	659.61	564.22	446.59	356.46
90.0	1103.09	1006.94	906.05	806.03	678.57	577.68	480.41	390.46	288.69
135.0	1229.03	1147.68	1050.54	922.96	823.47	723.40	598.74	502.77	411.47
180.0	1390.55	1292.24	1213.82	1111.99	1013.67	908.91	779.58	680.09	558.95
225.0	1165.83	1165.83	1077.57	978.96	849.10	746.45	644.86	522.96	431.19
270.0	1343.15	1230.79	1153.54	1031.81	927.05	825.23	697.65	600.50	505.11
315.0	1164.31	1097.12	999.39	896.62	768.11	670.84	577.09	485.09	374.49
360.0	1043.22	944.55	842.72	718.01	619.40	524.36	410.07	323.57	229.58

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	168.49	120.97	89.42	80.82	74.97	70.11	65.66	61.33	58.58
45.0	295.60	295.60	133.14	99.66	89.25	82.63	77.25	69.64	65.66
90.0	218.70	161.35	108.09	91.47	83.75	78.77	73.21	66.72	63.15
135.0	306.13	306.13	216.88	104.99	85.85	79.88	74.50	68.71	63.38
180.0	465.31	376.36	296.18	296.18	148.12	106.92	87.78	80.41	75.67
225.0	345.69	250.30	183.06	118.80	86.67	75.32	70.17	64.78	61.39
270.0	412.64	307.89	307.89	219.75	118.10	86.67	79.24	73.39	68.94
315.0	295.19	224.26	162.34	105.52	85.44	79.47	73.15	69.23	64.78
360.0	168.49	120.97	89.42	80.82	74.97	70.11	65.66	61.33	58.58

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	56.01	53.43	51.79	50.33	48.92	48.46	47.64	46.94	46.82
45.0	62.21	59.63	57.35	55.13	53.08	51.44	50.86	50.04	49.10
90.0	60.40	57.88	56.01	54.25	52.49	51.56	50.86	49.92	49.51
135.0	60.75	58.41	55.48	53.37	52.03	50.10	49.04	48.81	48.22
180.0	71.16	64.08	60.57	58.23	55.60	53.31	51.91	49.86	48.75
225.0	58.93	56.77	54.43	52.14	50.33	49.45	48.05	47.11	46.64
270.0	64.43	61.45	58.17	55.83	53.55	51.32	50.04	48.92	48.16
315.0	62.09	59.63	57.59	55.07	53.55	51.91	50.56	50.21	49.51
360.0	56.01	53.43	51.79	50.33	48.92	48.46	47.64	46.94	46.82

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	46.53	45.88	44.18	41.96	38.98	34.88	32.30	29.26	25.05
45.0	48.81	48.69	47.93	46.47	43.95	40.73	37.45	34.59	30.55
90.0	49.33	48.57	47.64	45.00	41.73	38.57	35.35	31.49	28.03
135.0	47.52	47.52	47.40	46.88	45.24	42.78	38.45	34.76	32.36
180.0	48.34	47.52	46.94	46.88	46.53	45.82	44.07	41.49	38.22
225.0	46.47	46.47	46.58	46.00	45.30	43.66	40.09	36.64	33.42
270.0	46.99	46.70	46.76	46.47	45.59	44.30	42.43	38.57	35.05
315.0	49.16	48.63	48.11	47.11	45.00	42.49	39.03	34.88	32.48
360.0	46.53	45.88	44.18	41.96	38.98	34.88	32.30	29.26	25.05

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	22.53	20.54	19.14	18.20	17.67	17.09	16.74	16.39	16.04
45.0	26.92	24.05	21.24	19.90	18.79	18.14	17.62	17.09	16.68
90.0	24.58	22.06	20.07	19.14	18.49	17.79	17.32	16.91	16.50
135.0	29.03	24.52	22.00	20.01	18.73	18.08	17.62	17.03	16.62
180.0	34.24	31.60	28.03	24.05	21.65	19.55	18.73	18.08	17.44
225.0	30.96	26.22	23.17	20.95	18.90	18.02	17.38	17.03	16.56
270.0	31.78	28.56	24.81	21.83	19.90	18.61	17.97	17.32	16.91
315.0	28.73	24.35	22.18	20.13	18.96	18.20	17.67	17.26	16.85
360.0	22.53	20.54	19.14	18.20	17.67	17.09	16.74	16.39	16.04

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.74	15.51	15.27	15.04	14.75	14.46	14.16	13.87	13.52
45.0	16.33	16.04	15.74	15.39	15.16	14.92	14.63	14.22	13.99
90.0	16.15	15.80	15.57	15.27	15.10	14.69	14.40	14.05	13.75
135.0	16.21	15.92	15.68	15.45	15.16	14.98	14.75	14.46	14.16
180.0	17.03	16.68	16.39	15.98	15.74	15.51	15.33	15.10	14.75
225.0	16.21	15.86	15.63	15.45	15.16	14.92	14.69	14.46	14.16
270.0	16.56	16.27	15.92	15.68	15.39	15.16	14.98	14.75	14.46
315.0	16.44	16.09	15.86	15.51	15.33	14.98	14.75	14.51	14.16
360.0	15.74	15.51	15.27	15.04	14.75	14.46	14.16	13.87	13.52

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.17	12.99	12.70	12.47	12.29	12.11	11.94	11.82	11.82
45.0	13.58	13.28	12.87	12.70	12.41	12.29	12.11	11.88	11.76
90.0	13.40	13.05	12.82	12.58	12.29	12.17	11.94	11.76	11.76
135.0	13.81	13.46	13.17	12.82	12.58	12.35	12.17	12.00	11.82
180.0	14.46	14.16	13.75	13.46	13.17	12.82	12.58	12.35	12.17
225.0	13.87	13.58	13.23	12.99	12.76	12.52	12.29	12.17	11.94
270.0	14.16	13.87	13.52	13.23	12.87	12.64	12.41	12.17	12.06
315.0	13.81	13.52	13.28	12.87	12.70	12.47	12.35	12.06	11.94
360.0	13.17	12.99	12.70	12.47	12.29	12.11	11.94	11.82	11.82

Intensity data(cd)

C/γ(°)	90.0
0.0	11.82
45.0	11.76
90.0	11.76
135.0	11.76
180.0	11.94
225.0	11.82
270.0	11.88
315.0	11.76
360.0	11.82