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NT

Client:
LumCAT: 2-2686-L
Luminaire: 92.70.412.00
Report No: 2024305-B019
Ballast type: AC

Test No: 2024305-C019	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): 2781.20, Efficiency(%): 84.61% , Luminous Efficacy(lm/W): 0.00
Central intensity(cd): 14350.300, Maximum intensity(cd): 14350.300
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=19.0
[C90/270]Total=19.0
Field angle(10%Imax): [C0/180]Total=47.0
[C90/270]Total=47.0
Maximum s/h(1/2): C0_180=0.32 C90_270=0.32
Maximum s/h(1/4): C0_180=0.34 C90_270=0.34
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 84.61%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.229%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	14350.302	0.000	0	0.00%	0.00%
1.0	14253.740	13.686	13.686	0.42%	0.49%
2.0	13542.341	39.896	53.582	1.21%	1.93%
3.0	13234.366	64.041	117.623	1.95%	4.23%
4.0	12498.307	86.135	203.759	2.62%	7.33%
5.0	11597.726	103.660	307.419	3.15%	11.05%
6.0	10781.117	117.607	425.025	3.58%	15.28%
7.0	9781.187	127.630	552.655	3.88%	19.87%
8.0	8681.330	132.133	684.788	4.02%	24.62%
9.0	7631.656	132.208	816.996	4.02%	29.38%
10.0	6618.412	128.958	945.954	3.92%	34.01%
11.0	5727.041	123.356	1069.31	3.75%	38.45%
12.0	4941.450	116.622	1185.932	3.55%	42.64%
13.0	4271.074	109.329	1295.261	3.33%	46.57%
14.0	3724.401	102.341	1397.603	3.11%	50.25%
15.0	3269.535	96.016	1493.619	2.92%	53.70%
16.0	2981.897	91.601	1585.22	2.79%	57.00%
17.0	2714.237	88.704	1673.924	2.70%	60.19%
18.0	2457.477	85.270	1759.194	2.59%	63.25%
19.0	2230.929	81.569	1840.763	2.48%	66.19%
20.0	1994.359	77.335	1918.097	2.35%	68.97%
21.0	1812.647	73.102	1991.2	2.22%	71.59%
22.0	1651.271	69.609	2060.808	2.12%	74.10%
23.0	1487.788	65.866	2126.674	2.00%	76.47%
24.0	1374.108	62.571	2189.246	1.90%	78.72%
25.0	1233.676	59.295	2248.541	1.80%	80.85%
26.0	1138.109	55.986	2304.527	1.70%	82.86%
27.0	1028.738	53.012	2357.54	1.61%	84.77%
28.0	904.743	48.952	2406.491	1.49%	86.53%
29.0	797.954	44.547	2451.039	1.36%	88.13%
30.0	685.928	40.065	2491.103	1.22%	89.57%
31.0	583.930	35.338	2526.442	1.08%	90.84%
32.0	492.533	30.839	2557.281	0.94%	91.95%
33.0	410.608	26.607	2583.888	0.81%	92.91%
34.0	334.420	22.547	2606.435	0.69%	93.72%
35.0	282.671	19.165	2625.599	0.58%	94.41%
36.0	231.639	16.376	2641.975	0.50%	94.99%
37.0	189.737	13.743	2655.718	0.42%	95.49%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	148.194	11.280	2666.997	0.34%	95.89%
39.0	107.959	8.743	2675.741	0.27%	96.21%
40.0	84.843	6.724	2682.465	0.20%	96.45%
41.0	67.323	5.419	2687.884	0.16%	96.64%
42.0	54.755	4.435	2692.319	0.13%	96.80%
43.0	44.982	3.695	2696.013	0.11%	96.94%
44.0	39.020	3.170	2699.184	0.10%	97.05%
45.0	34.360	2.820	2702.004	0.09%	97.15%
46.0	31.266	2.566	2704.57	0.08%	97.24%
47.0	28.398	2.373	2706.943	0.07%	97.33%
48.0	26.577	2.222	2709.166	0.07%	97.41%
49.0	24.916	2.115	2711.28	0.06%	97.49%
50.0	23.548	2.021	2713.301	0.06%	97.56%
51.0	22.458	1.946	2715.247	0.06%	97.63%
52.0	21.602	1.891	2717.138	0.06%	97.70%
53.0	21.024	1.854	2718.992	0.06%	97.76%
54.0	20.505	1.830	2720.823	0.06%	97.83%
55.0	20.212	1.818	2722.64	0.06%	97.89%
56.0	20.022	1.818	2724.458	0.06%	97.96%
57.0	20.007	1.830	2726.289	0.06%	98.03%
58.0	20.088	1.854	2728.143	0.06%	98.09%
59.0	20.256	1.886	2730.029	0.06%	98.16%
60.0	20.461	1.924	2731.952	0.06%	98.23%
61.0	20.615	1.960	2733.913	0.06%	98.30%
62.0	20.658	1.989	2735.901	0.06%	98.37%
63.0	20.534	2.003	2737.905	0.06%	98.44%
64.0	20.161	1.997	2739.902	0.06%	98.52%
65.0	19.605	1.968	2741.87	0.06%	98.59%
66.0	18.954	1.924	2743.794	0.06%	98.65%
67.0	18.208	1.869	2745.662	0.06%	98.72%
68.0	17.571	1.812	2747.475	0.06%	98.79%
69.0	17.184	1.773	2749.248	0.05%	98.85%
70.0	16.957	1.753	2751.001	0.05%	98.91%
71.0	16.708	1.740	2752.741	0.05%	98.98%
72.0	16.591	1.731	2754.472	0.05%	99.04%
73.0	16.467	1.729	2756.201	0.05%	99.10%
74.0	16.042	1.709	2757.91	0.05%	99.16%
75.0	15.772	1.681	2759.591	0.05%	99.22%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	15.479	1.659	2761.25	0.05%	99.28%
77.0	15.077	1.629	2762.879	0.05%	99.34%
78.0	14.733	1.596	2764.475	0.05%	99.40%
79.0	14.418	1.566	2766.041	0.05%	99.45%
80.0	13.972	1.531	2767.572	0.05%	99.51%
81.0	13.570	1.489	2769.061	0.05%	99.56%
82.0	13.211	1.452	2770.514	0.04%	99.62%
83.0	12.875	1.418	2771.932	0.04%	99.67%
84.0	12.590	1.387	2773.319	0.04%	99.72%
85.0	12.348	1.361	2774.68	0.04%	99.77%
86.0	12.129	1.338	2776.018	0.04%	99.81%
87.0	11.931	1.317	2777.335	0.04%	99.86%
88.0	11.792	1.300	2778.634	0.04%	99.91%
89.0	11.705	1.288	2779.922	0.04%	99.95%
90.0	11.646	1.280	2781.202	0.04%	100.00%

Zonal flux distribution table

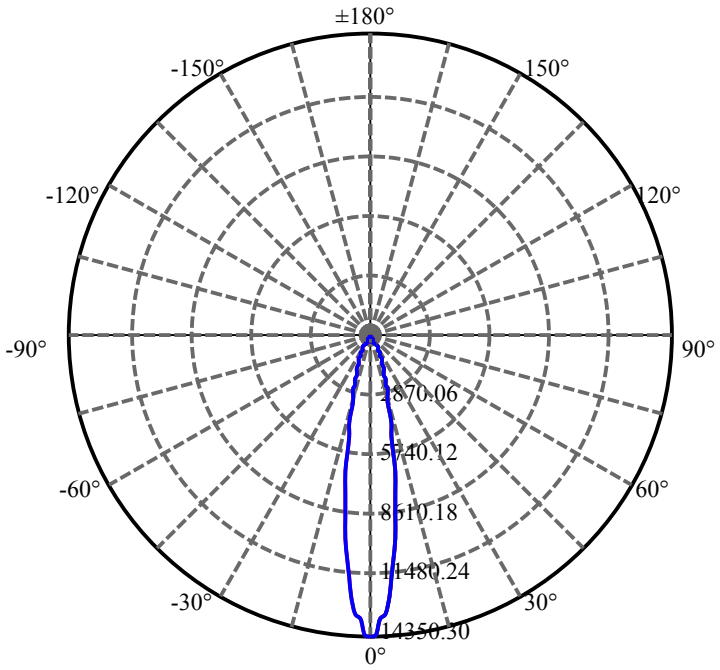
ZONAL LUMEN SUMMARY

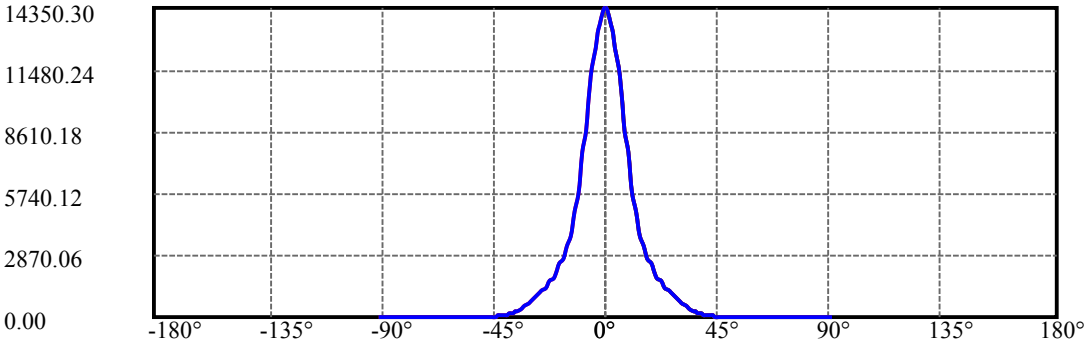
Zone	Lumens	%Lamp	%Fixt
0-30	2491.10	75.79%	89.57%
0-40	2682.46	81.61%	96.45%
0-60	2731.95	83.11%	98.23%
0-90	2779.92	84.57%	99.95%
0-120	2779.92	84.57%	99.95%
0-180	2781.20	84.61%	100.00%
60-90	47.97	1.46%	1.72%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-24.60	2224.96	67.69%	80.00%

ZONAL LUMEN SUMMARY

0-10	945.95
10-20	972.14
20-30	573.01
30-40	191.36
40-50	30.84
50-60	18.65
60-70	19.05
70-80	16.57
80-90	12.35
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:

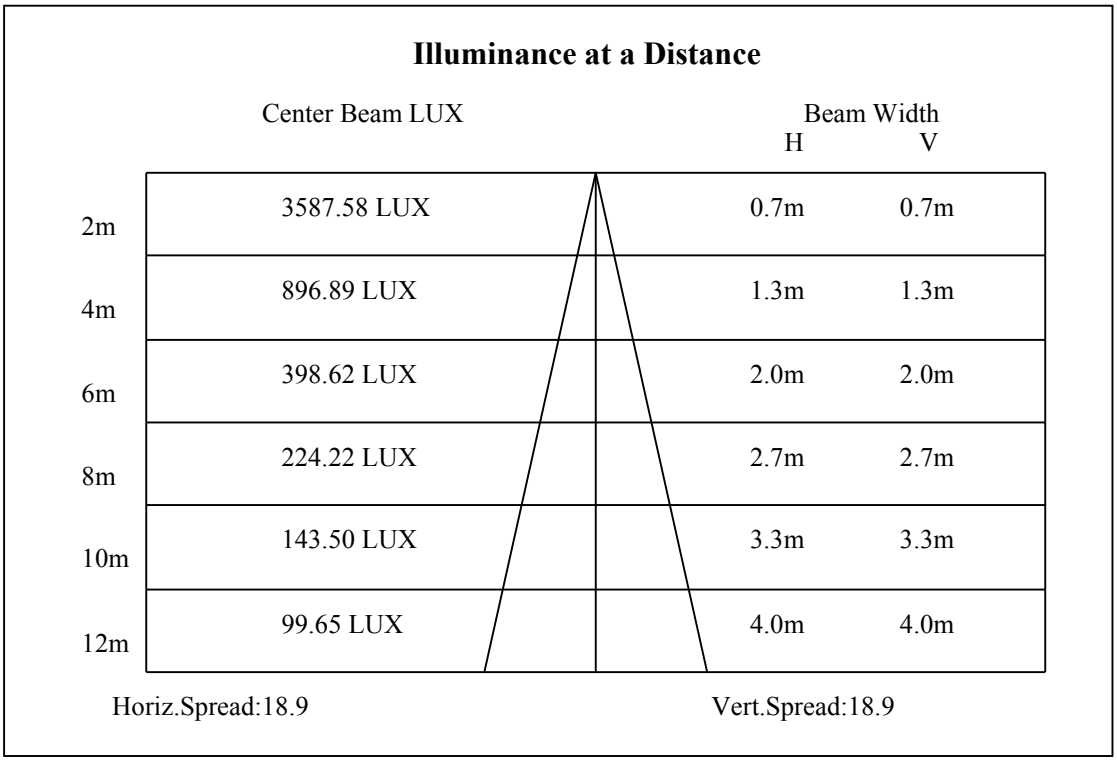
C90/C270:

Field angle(10%Imax):C0/180Left:23.5 Right:23.5
:C90/270Left:23.5 Right:23.5

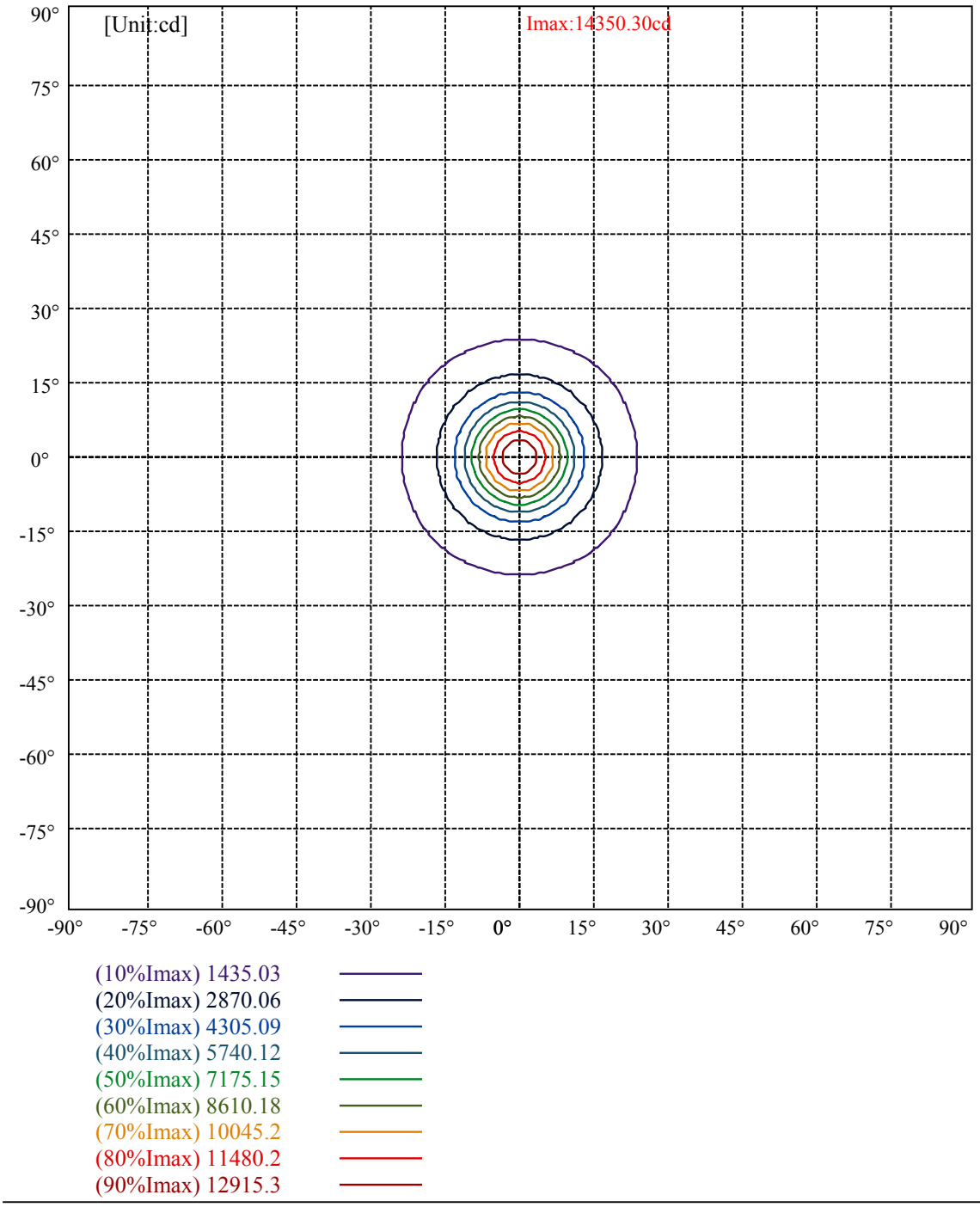
Beam Angle(50%Imax):C0/180Left:9.5 Right:9.5
:C90/270Left:9.5 Right:9.5

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

Lux distance Curve



ISO-Intensity(V-H)

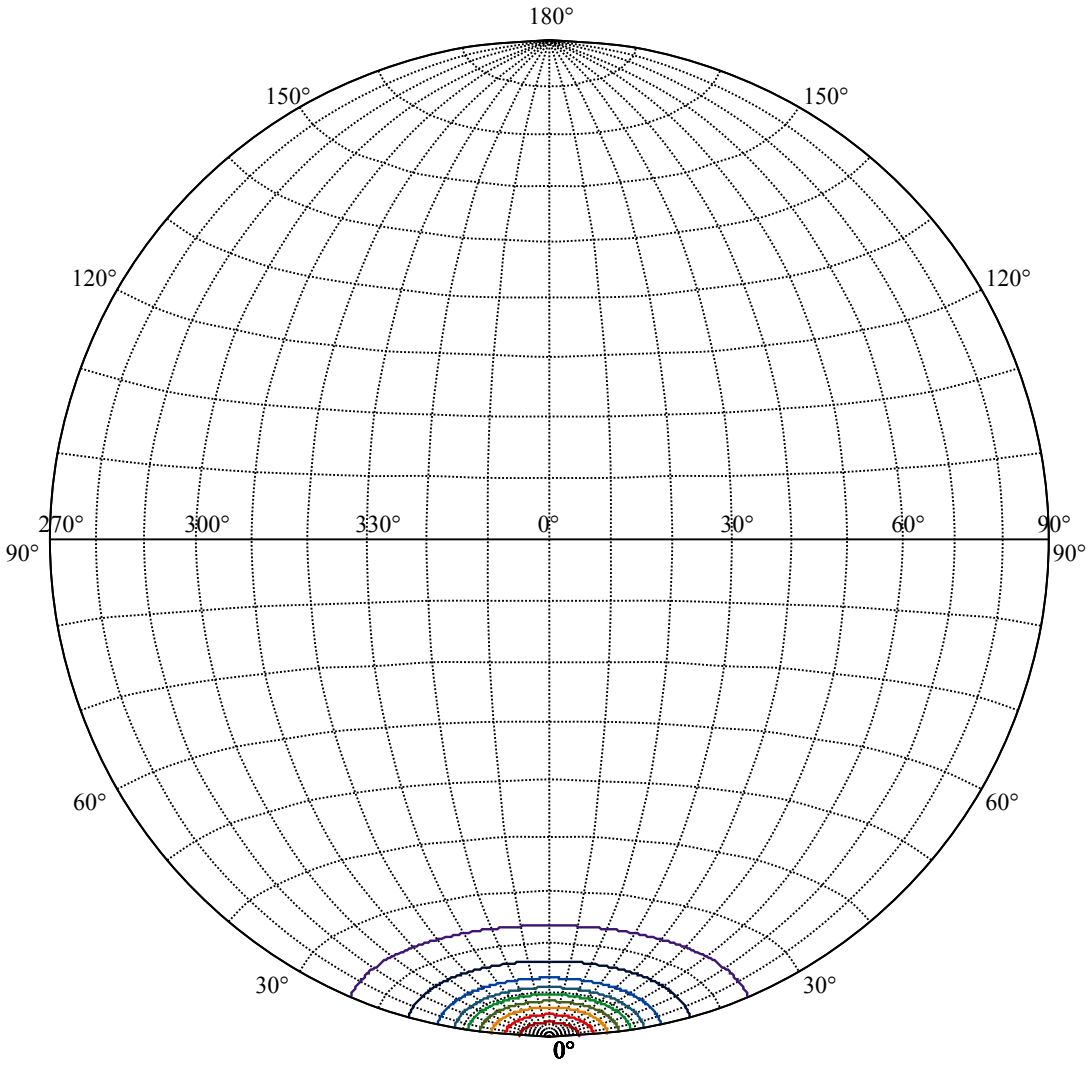


Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



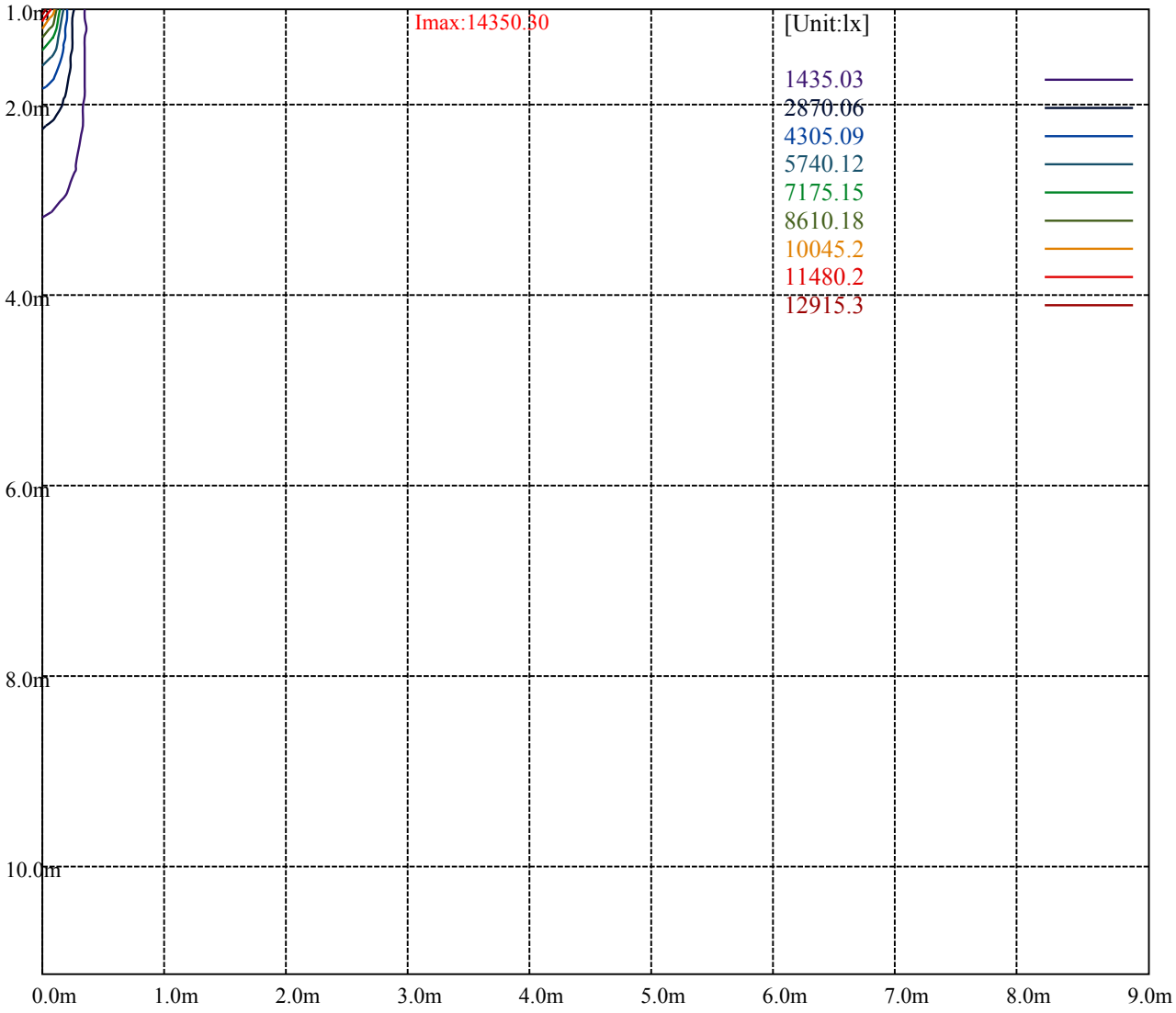
[Unit:cd]

Imax:14350.30

(10%Imax) 1435.03
(20%Imax) 2870.06
(30%Imax) 4305.09
(40%Imax) 5740.12
(50%Imax) 7175.15
(60%Imax) 8610.18
(70%Imax) 10045.2
(80%Imax) 11480.2
(90%Imax) 12915.3

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

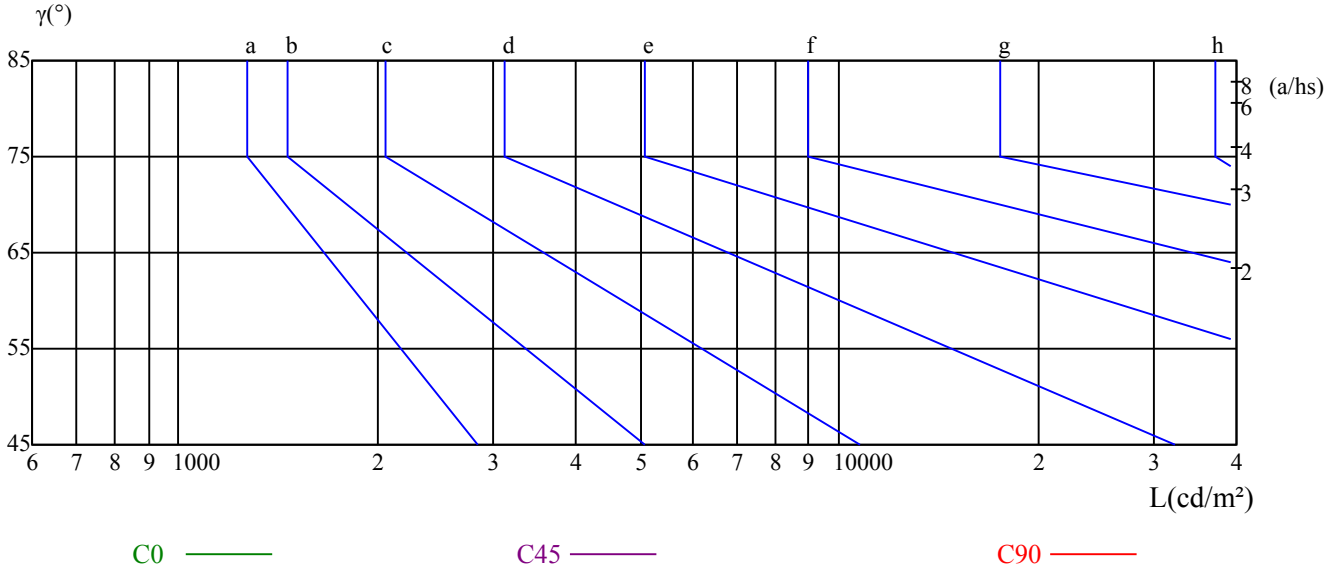
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

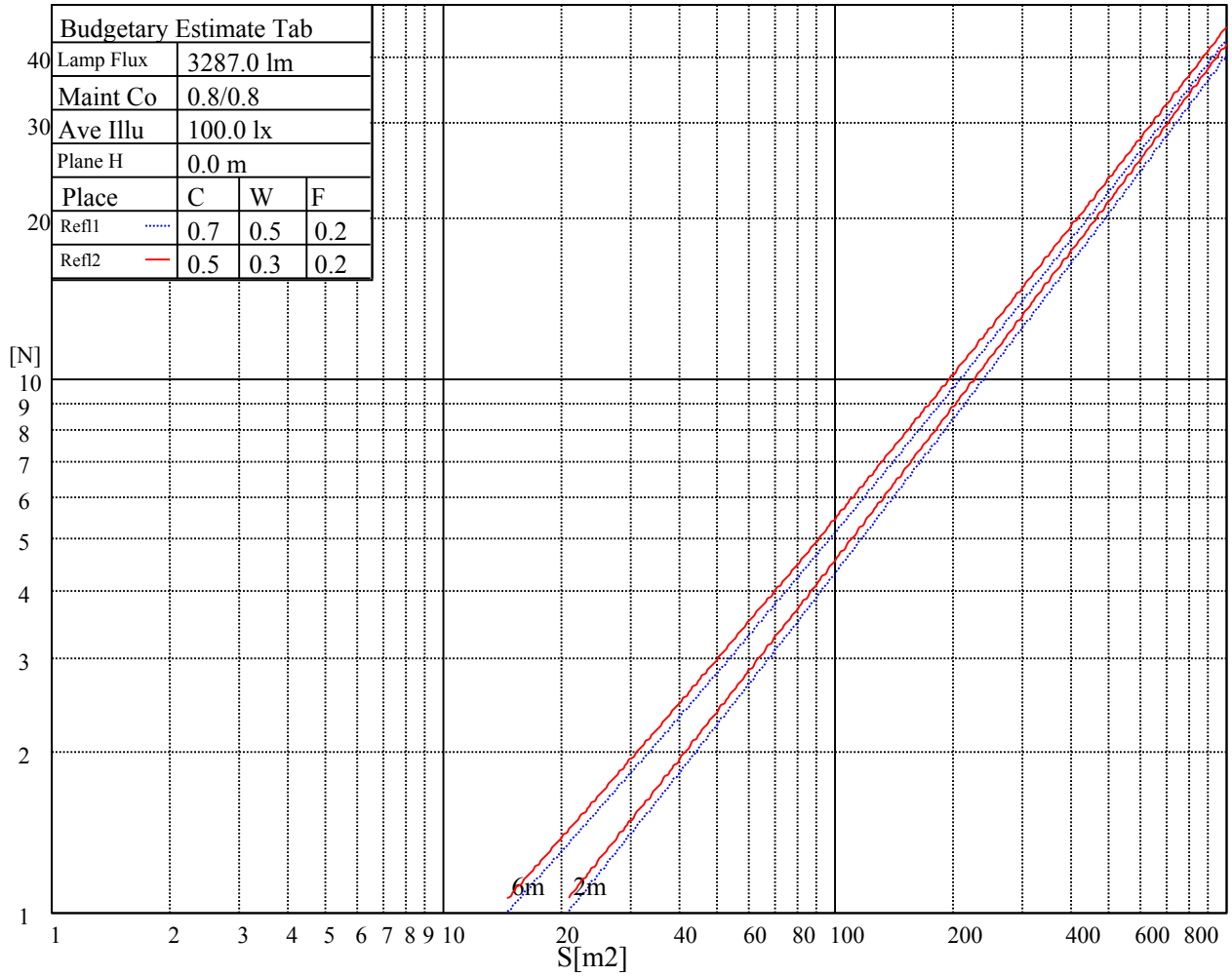
Luminance Limitting Curve



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

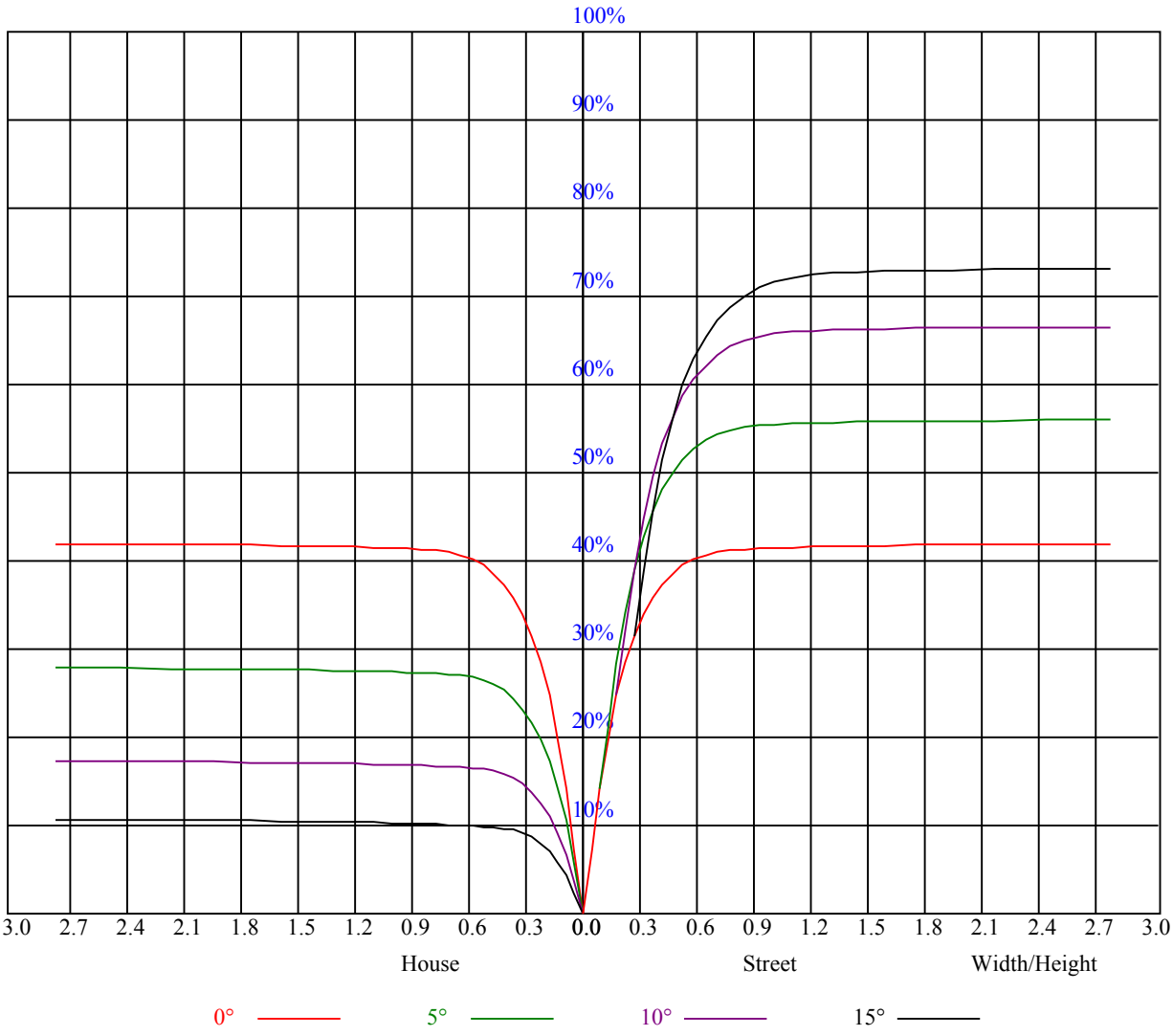


Equipment: GMS1980 Date: 2024/3/05 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

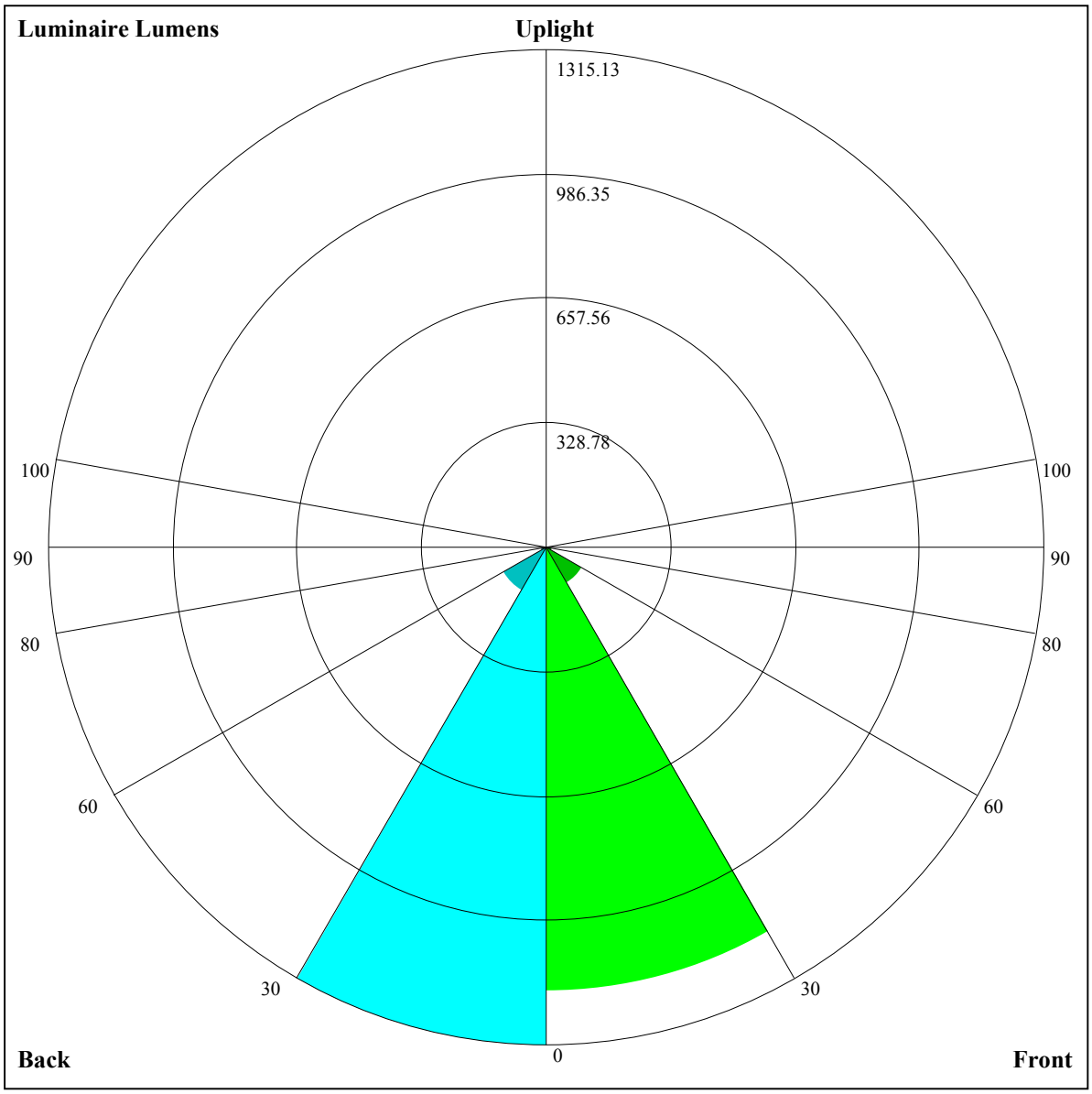
Utilization factor table for indoor luminaire

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	1.01	1.01	1.01	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81
2	0.90	0.87	0.85	0.88	0.86	0.84	0.86	0.84	0.82	0.83	0.82	0.80	0.81	0.80	0.79	0.77
3	0.86	0.82	0.79	0.84	0.81	0.79	0.82	0.80	0.78	0.80	0.78	0.76	0.79	0.77	0.75	0.74
4	0.82	0.78	0.75	0.81	0.78	0.75	0.79	0.76	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.71
5	0.78	0.75	0.72	0.78	0.74	0.72	0.76	0.73	0.71	0.75	0.72	0.70	0.74	0.72	0.70	0.69
6	0.75	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.72	0.69	0.67	0.66
7	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.70	0.67	0.65	0.64
8	0.70	0.66	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.62
9	0.68	0.64	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.66	0.63	0.61	0.60
10	0.66	0.62	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.64	0.61	0.59	0.64	0.61	0.59	0.58

Coefficient Utilization Curve



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



Luminaire Lumens:
FL=1171.5,FM=111.23,FH=17.68,FVH=6.75
BL=1315.13,BM=133.45,BH=17.86,BVH=6.88
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	13996.24	13457.83	11471.64	11471.64	10989.41	9744.64	8727.52	7715.08	6748.29
45.0	14522.94	14265.44	13674.37	13036.47	12240.57	11087.67	10092.79	9080.35	7822.12
90.0	14300.56	13861.64	11648.96	11648.96	11415.46	10463.30	9213.26	8201.99	7227.59
135.0	14581.47	14470.27	14119.14	13586.58	12708.75	11871.87	10947.22	9958.19	8694.10
180.0	13996.24	14458.57	14587.32	14493.68	14054.76	13516.36	12644.37	11819.20	10853.58
225.0	14522.94	14546.35	14300.56	13885.05	13311.53	11458.18	11458.18	10468.56	9422.18
270.0	14300.56	14558.06	14487.83	14224.48	13656.81	13030.62	12263.98	11386.14	10127.90
315.0	14581.47	14411.75	14048.91	13528.06	11609.17	11609.17	10901.63	9619.99	8554.88
360.0	13996.24	13457.83	11471.64	11471.64	10989.41	9744.64	8727.52	7715.08	6748.29

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5648.65	4904.24	4282.74	3653.62	3263.27	2944.33	2618.36	2397.73	2150.76
45.0	6868.20	5978.66	5013.04	4380.99	3854.29	3421.23	2994.01	2994.01	2689.75
90.0	6314.64	5279.96	4597.00	4032.26	3578.71	3128.09	2831.38	2582.66	2318.72
135.0	7705.07	6768.71	5691.90	4925.25	4293.21	3672.87	3274.92	3023.27	3023.27
180.0	9566.09	8541.94	7541.21	6569.74	5487.07	4737.98	4129.35	3631.91	3169.58
225.0	8363.51	7105.86	6181.20	5342.58	4472.93	3923.41	3379.15	3029.77	2748.86
270.0	9062.79	8044.50	7043.77	5885.02	5071.56	4410.26	3748.95	3321.74	2994.01
315.0	7524.30	6323.41	5465.47	4742.14	4147.55	3557.06	3180.17	2874.10	2618.94
360.0	5648.65	4904.24	4282.74	3653.62	3263.27	2944.33	2618.36	2397.73	2150.76

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1973.44	1814.84	1674.39	1515.79	1310.96	1165.48	1165.48	1055.10	914.12
45.0	2287.12	2054.78	1886.24	1737.01	1574.90	1452.00	1303.94	1188.65	1075.12
90.0	2125.01	1909.06	1755.73	1617.04	1458.44	1165.71	1165.71	1112.40	1002.37
135.0	2410.60	2213.38	2027.28	1823.03	1680.24	1553.25	1433.86	1289.31	1174.61
180.0	3011.57	3011.57	2396.55	2144.32	1968.76	1811.33	1641.61	1518.13	1374.17
225.0	2510.67	2252.00	2062.39	1892.09	1742.86	1577.24	1456.10	1140.95	1140.95
270.0	2994.01	2442.79	2185.29	2000.94	1838.25	1693.70	1536.27	1418.64	1305.11
315.0	2347.40	2149.00	1967.00	1770.95	1635.76	1483.60	1289.89	1146.22	1118.42
360.0	1973.44	1814.84	1674.39	1515.79	1310.96	1165.48	1165.48	1055.10	914.12

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	797.66	666.69	578.14	496.62	399.88	332.23	273.53	212.85	172.11
45.0	960.41	818.20	709.94	616.30	532.61	432.54	361.14	297.94	297.94
90.0	863.68	756.52	656.45	567.20	464.26	387.83	320.29	249.19	202.20
135.0	1060.49	921.20	810.60	676.58	584.70	501.60	404.45	335.98	304.96
180.0	1263.56	1152.37	1040.00	897.79	784.26	675.41	580.02	474.09	397.43
225.0	1084.66	975.51	864.73	726.79	624.96	537.59	437.51	365.18	288.05
270.0	1192.75	1051.71	941.69	829.91	720.47	598.16	511.55	412.06	342.42
315.0	1006.70	895.75	782.09	676.23	560.29	474.91	396.37	328.08	256.27
360.0	797.66	666.69	578.14	496.62	399.88	332.23	273.53	212.85	172.11

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	138.05	109.38	81.52	65.08	53.14	44.77	37.75	34.00	31.08
45.0	184.64	148.76	111.31	87.90	69.82	56.88	45.65	39.80	35.76
90.0	155.61	124.89	99.14	74.44	60.04	49.57	42.31	36.40	33.12
135.0	304.96	177.79	135.42	108.03	85.27	64.84	53.31	44.83	39.15
180.0	328.95	298.52	298.52	166.96	127.75	102.30	81.40	61.80	50.74
225.0	236.02	192.95	156.61	119.85	96.04	76.90	62.33	49.22	42.14
270.0	295.60	295.60	174.16	139.58	111.02	83.22	66.13	53.84	44.89
315.0	209.28	170.01	128.87	101.83	75.67	60.10	49.16	39.97	35.29
360.0	138.05	109.38	81.52	65.08	53.14	44.77	37.75	34.00	31.08

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	28.15	26.34	24.52	23.35	22.36	21.42	20.95	20.60	20.31
45.0	32.07	29.73	27.74	26.16	24.52	23.35	22.47	21.71	21.36
90.0	30.49	28.27	26.10	24.70	23.58	22.36	21.65	21.07	20.72
135.0	34.65	31.84	28.91	26.98	25.46	23.82	22.82	21.95	21.30
180.0	43.01	37.81	33.42	30.72	28.50	26.63	24.81	23.58	22.59
225.0	37.04	33.42	30.02	27.80	25.69	24.29	23.12	21.89	21.19
270.0	37.57	33.53	29.90	28.09	25.75	24.23	22.71	21.65	20.89
315.0	31.89	29.20	26.57	24.81	23.47	22.30	21.13	20.37	19.84
360.0	28.15	26.34	24.52	23.35	22.36	21.42	20.95	20.60	20.31

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	20.13	20.07	20.19	20.37	20.66	20.83	20.95	20.83	20.48
45.0	21.01	20.78	20.72	20.78	20.95	21.24	21.36	21.54	21.48
90.0	20.48	20.37	20.42	20.60	20.83	21.07	21.24	21.24	21.07
135.0	20.66	20.31	20.07	20.01	20.01	20.13	20.48	20.72	20.83
180.0	21.54	20.83	20.25	19.96	19.78	19.78	19.90	20.07	20.37
225.0	20.60	20.25	19.90	19.84	19.84	20.01	20.25	20.54	20.66
270.0	20.25	19.84	19.55	19.43	19.37	19.49	19.66	19.90	20.19
315.0	19.37	19.25	19.08	19.08	19.25	19.49	19.84	20.07	20.19
360.0	20.13	20.07	20.19	20.37	20.66	20.83	20.95	20.83	20.48

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	19.96	19.08	18.32	17.56	16.80	16.44	16.21	15.98	15.86
45.0	21.19	20.66	19.72	19.08	18.26	17.97	18.49	19.43	18.96
90.0	20.60	19.84	19.02	18.02	17.44	17.09	17.03	17.38	17.44
135.0	20.72	20.37	19.84	19.14	18.14	17.38	16.74	16.09	15.68
180.0	20.60	20.78	20.72	20.37	19.72	18.90	18.26	17.67	17.91
225.0	20.78	20.60	20.01	19.43	18.61	17.91	17.15	16.56	16.39
270.0	20.31	20.25	19.96	19.55	18.90	17.97	17.26	16.68	16.04
315.0	20.13	19.72	19.25	18.49	17.79	16.91	16.33	15.86	15.39
360.0	19.96	19.08	18.32	17.56	16.80	16.44	16.21	15.98	15.86

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.57	15.45	15.33	15.04	14.69	14.40	14.05	13.64	13.11
45.0	19.02	19.31	17.97	18.20	17.26	16.74	16.21	15.68	14.98
90.0	17.38	17.03	16.74	16.15	15.86	15.16	14.63	14.16	13.52
135.0	15.33	15.10	14.81	14.63	14.46	14.16	13.93	13.75	13.46
180.0	18.49	18.84	18.38	17.67	17.67	17.03	16.68	16.50	15.86
225.0	16.15	15.74	15.45	15.22	14.98	14.75	14.46	14.10	13.81
270.0	15.68	15.45	15.10	14.86	14.69	14.46	14.16	13.93	13.69
315.0	15.10	14.81	14.57	14.40	14.22	13.93	13.75	13.58	13.34
360.0	15.57	15.45	15.33	15.04	14.69	14.40	14.05	13.64	13.11

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.87	12.70	12.47	12.29	12.00	11.88	11.70	11.65	11.65
45.0	13.64	12.99	12.70	12.47	12.35	11.94	11.82	11.65	11.65
90.0	13.23	12.76	12.52	12.41	12.06	11.88	11.82	11.59	11.59
135.0	13.23	13.05	12.70	12.58	12.41	12.11	11.88	11.82	11.70
180.0	15.39	14.81	14.05	13.11	12.76	12.52	12.23	12.06	11.88
225.0	13.64	13.34	12.99	12.76	12.47	12.29	12.00	11.88	11.76
270.0	13.52	13.17	12.93	12.70	12.47	12.29	12.06	11.88	11.76
315.0	13.05	12.87	12.64	12.41	12.29	12.11	11.94	11.82	11.65
360.0	12.87	12.70	12.47	12.29	12.00	11.88	11.70	11.65	11.65

Intensity data(cd)

C/γ(°)	90.0
0.0	11.65
45.0	11.65
90.0	11.59
135.0	11.65
180.0	11.76
225.0	11.59
270.0	11.65
315.0	11.65
360.0	11.65