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

NT

Client:
LumCAT: 2-2678-L
Luminaire: 92.70.412.00
Report No: 2024301-B004
Ballast type: AC

Test No: 2024301-C004	Voltage(V): 34.150
LampCAT: LUMINUS CXM-14-AC40	Current(A): 0.530
Lamp flux(lm): 2575.0	Power (W): 18.099
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2183.68, Efficiency(%): 84.80% , Luminous Efficacy(lm/W): 120.65
Central intensity(cd): 8599.208, Maximum intensity(cd): 8599.208
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=21.8
[C90/270]Total=21.8
Field angle(10%Imax): [C0/180]Total=55.6
[C90/270]Total=55.6
Maximum s/h(1/2): C0_180=0.37 C90_270=0.37
Maximum s/h(1/4): C0_180=0.40 C90_270=0.40
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 84.80%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.846%

Equipment: GMS1980	Date: 2024/3/01	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	8599.208	0.000	0	0.00%	0.00%
1.0	8564.826	8.213	8.213	0.32%	0.38%
2.0	8453.268	24.426	32.639	0.95%	1.49%
3.0	8267.020	39.989	72.628	1.55%	3.33%
4.0	7950.267	54.284	126.913	2.11%	5.81%
5.0	7599.132	66.893	193.805	2.60%	8.88%
6.0	7137.097	77.443	271.248	3.01%	12.42%
7.0	6592.691	85.221	356.469	3.31%	16.32%
8.0	6017.196	90.247	446.715	3.50%	20.46%
9.0	5424.436	92.728	539.443	3.60%	24.70%
10.0	4848.209	92.964	632.407	3.61%	28.96%
11.0	4265.910	91.069	723.476	3.54%	33.13%
12.0	3784.197	87.999	811.475	3.42%	37.16%
13.0	3360.567	84.790	896.265	3.29%	41.04%
14.0	2969.563	81.025	977.29	3.15%	44.75%
15.0	2668.977	77.408	1054.699	3.01%	48.30%
16.0	2392.970	74.172	1128.871	2.88%	51.70%
17.0	2152.662	70.788	1199.658	2.75%	54.94%
18.0	1956.612	67.753	1267.411	2.63%	58.04%
19.0	1784.044	65.080	1332.491	2.53%	61.02%
20.0	1619.815	62.300	1394.791	2.42%	63.87%
21.0	1454.628	59.036	1453.827	2.29%	66.58%
22.0	1366.186	56.685	1510.512	2.20%	69.17%
23.0	1244.788	54.785	1565.297	2.13%	71.68%
24.0	1165.563	52.699	1617.996	2.05%	74.09%
25.0	1091.137	51.312	1669.309	1.99%	76.44%
26.0	1009.989	49.597	1718.906	1.93%	78.72%
27.0	929.944	47.461	1766.367	1.84%	80.89%
28.0	840.822	44.832	1811.199	1.74%	82.94%
29.0	759.703	41.874	1853.073	1.63%	84.86%
30.0	665.796	38.488	1891.561	1.49%	86.62%
31.0	582.079	34.727	1926.288	1.35%	88.21%
32.0	495.583	30.874	1957.162	1.20%	89.63%
33.0	416.015	26.856	1984.018	1.04%	90.86%
34.0	343.315	22.980	2006.997	0.89%	91.91%
35.0	283.439	19.465	2026.462	0.76%	92.80%
36.0	221.508	16.078	2042.54	0.62%	93.54%
37.0	167.938	12.702	2055.241	0.49%	94.12%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	126.284	9.821	2065.062	0.38%	94.57%
39.0	86.167	7.252	2072.313	0.28%	94.90%
40.0	65.692	5.296	2077.61	0.21%	95.14%
41.0	55.121	4.302	2081.912	0.17%	95.34%
42.0	50.110	3.823	2085.735	0.15%	95.51%
43.0	46.606	3.583	2089.318	0.14%	95.68%
44.0	43.387	3.397	2092.714	0.13%	95.83%
45.0	40.980	3.242	2095.957	0.13%	95.98%
46.0	38.830	3.121	2099.078	0.12%	96.13%
47.0	36.730	3.005	2102.083	0.12%	96.26%
48.0	35.062	2.902	2104.985	0.11%	96.40%
49.0	33.497	2.815	2107.801	0.11%	96.53%
50.0	32.224	2.740	2110.541	0.11%	96.65%
51.0	31.200	2.683	2113.224	0.10%	96.77%
52.0	30.366	2.642	2115.866	0.10%	96.89%
53.0	29.759	2.615	2118.481	0.10%	97.01%
54.0	29.232	2.600	2121.081	0.10%	97.13%
55.0	28.910	2.595	2123.677	0.10%	97.25%
56.0	28.603	2.599	2126.276	0.10%	97.37%
57.0	28.369	2.605	2128.88	0.10%	97.49%
58.0	27.981	2.606	2131.486	0.10%	97.61%
59.0	27.535	2.595	2134.082	0.10%	97.73%
60.0	26.935	2.573	2136.655	0.10%	97.85%
61.0	25.925	2.523	2139.178	0.10%	97.96%
62.0	24.857	2.447	2141.625	0.10%	98.07%
63.0	23.460	2.350	2143.975	0.09%	98.18%
64.0	22.041	2.233	2146.207	0.09%	98.28%
65.0	20.498	2.105	2148.313	0.08%	98.38%
66.0	19.166	1.979	2150.291	0.08%	98.47%
67.0	17.923	1.865	2152.156	0.07%	98.56%
68.0	17.147	1.777	2153.933	0.07%	98.64%
69.0	16.598	1.722	2155.654	0.07%	98.72%
70.0	16.211	1.685	2157.339	0.07%	98.79%
71.0	15.845	1.657	2158.996	0.06%	98.87%
72.0	15.487	1.629	2160.625	0.06%	98.94%
73.0	15.048	1.597	2162.222	0.06%	99.02%
74.0	14.689	1.563	2163.785	0.06%	99.09%
75.0	14.228	1.528	2165.313	0.06%	99.16%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.848	1.490	2166.804	0.06%	99.23%
77.0	13.387	1.452	2168.256	0.06%	99.29%
78.0	12.933	1.409	2169.665	0.05%	99.36%
79.0	12.458	1.364	2171.029	0.05%	99.42%
80.0	12.026	1.320	2172.349	0.05%	99.48%
81.0	11.617	1.279	2173.628	0.05%	99.54%
82.0	11.200	1.237	2174.865	0.05%	99.60%
83.0	10.841	1.198	2176.063	0.05%	99.65%
84.0	10.549	1.165	2177.228	0.05%	99.70%
85.0	10.256	1.135	2178.364	0.04%	99.76%
86.0	9.993	1.107	2179.471	0.04%	99.81%
87.0	9.729	1.079	2180.55	0.04%	99.86%
88.0	9.561	1.057	2181.607	0.04%	99.90%
89.0	9.451	1.042	2182.649	0.04%	99.95%
90.0	9.400	1.034	2183.682	0.04%	100.00%

Zonal flux distribution table

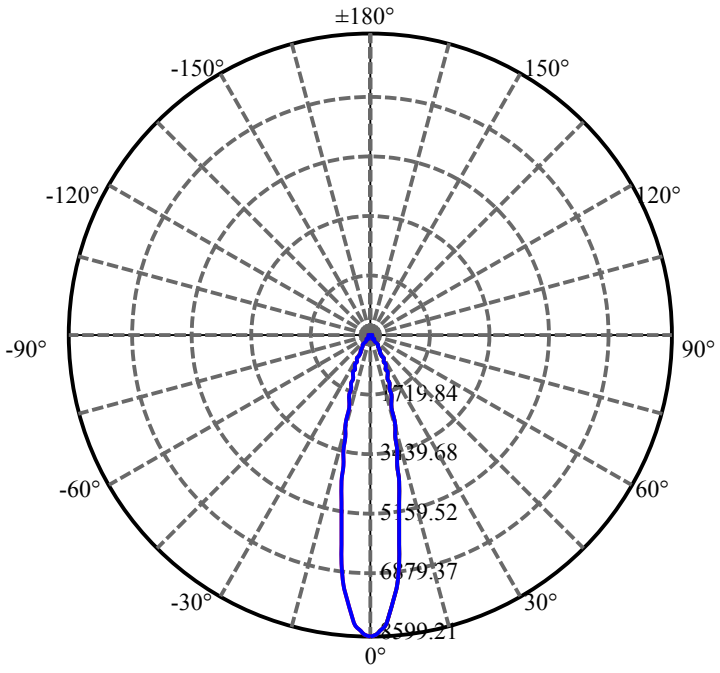
ZONAL LUMEN SUMMARY

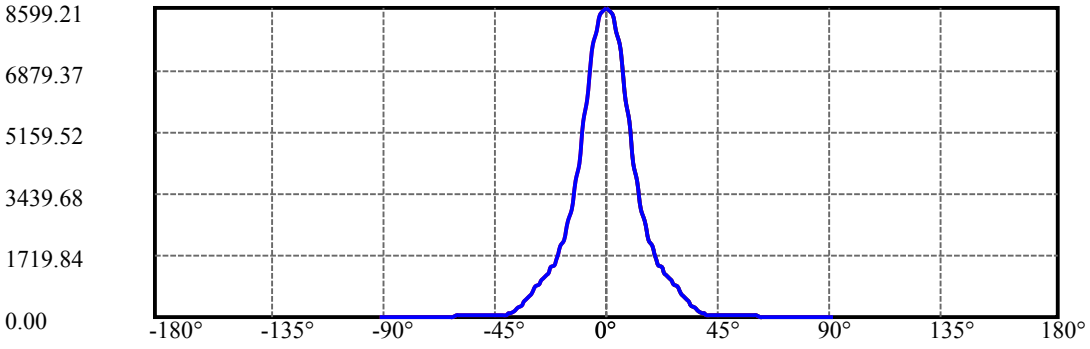
Zone	Lumens	%Lamp	%Fixt
0-30	1891.56	73.46%	86.62%
0-40	2077.61	80.68%	95.14%
0-60	2136.66	82.98%	97.85%
0-90	2182.65	84.76%	99.95%
0-120	2182.65	84.76%	99.95%
0-180	2183.68	84.80%	100.00%
60-90	45.99	1.79%	2.11%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.59	1746.95	67.84%	80.00%

ZONAL LUMEN SUMMARY

0-10	632.41
10-20	762.38
20-30	496.77
30-40	186.05
40-50	32.93
50-60	26.11
60-70	20.68
70-80	15.01
80-90	10.30
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):

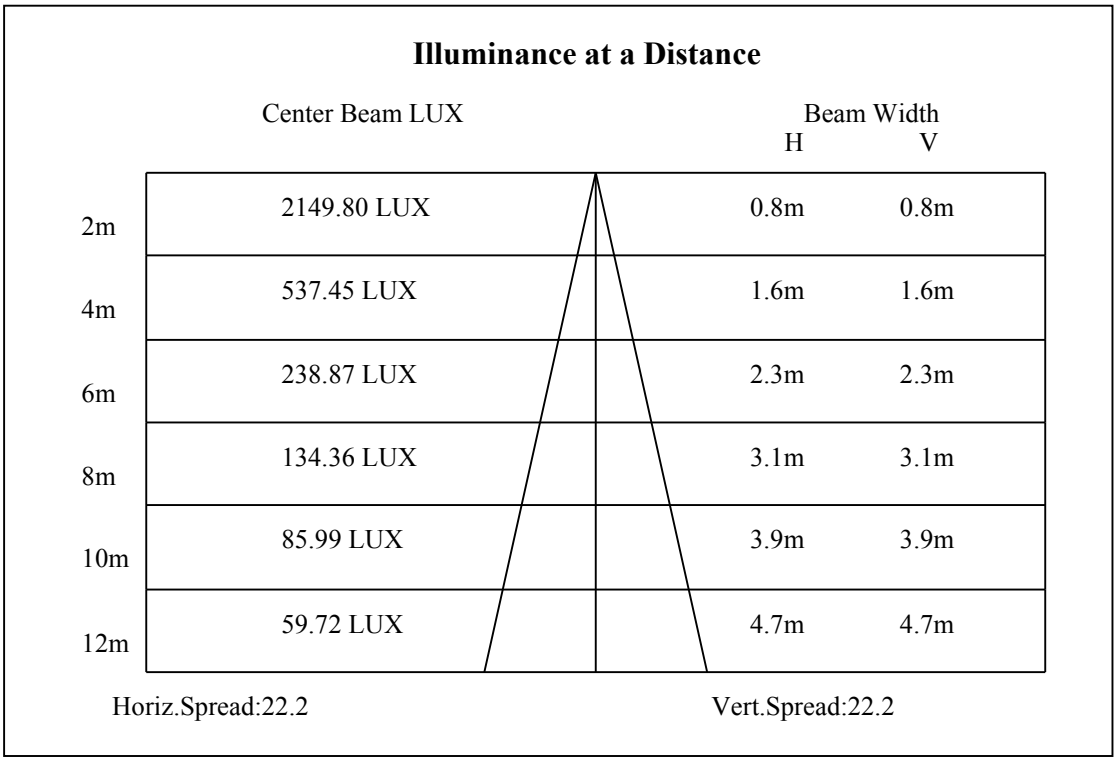
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:27.8 Right:27.8
:C90/270Left:27.8 Right:27.8

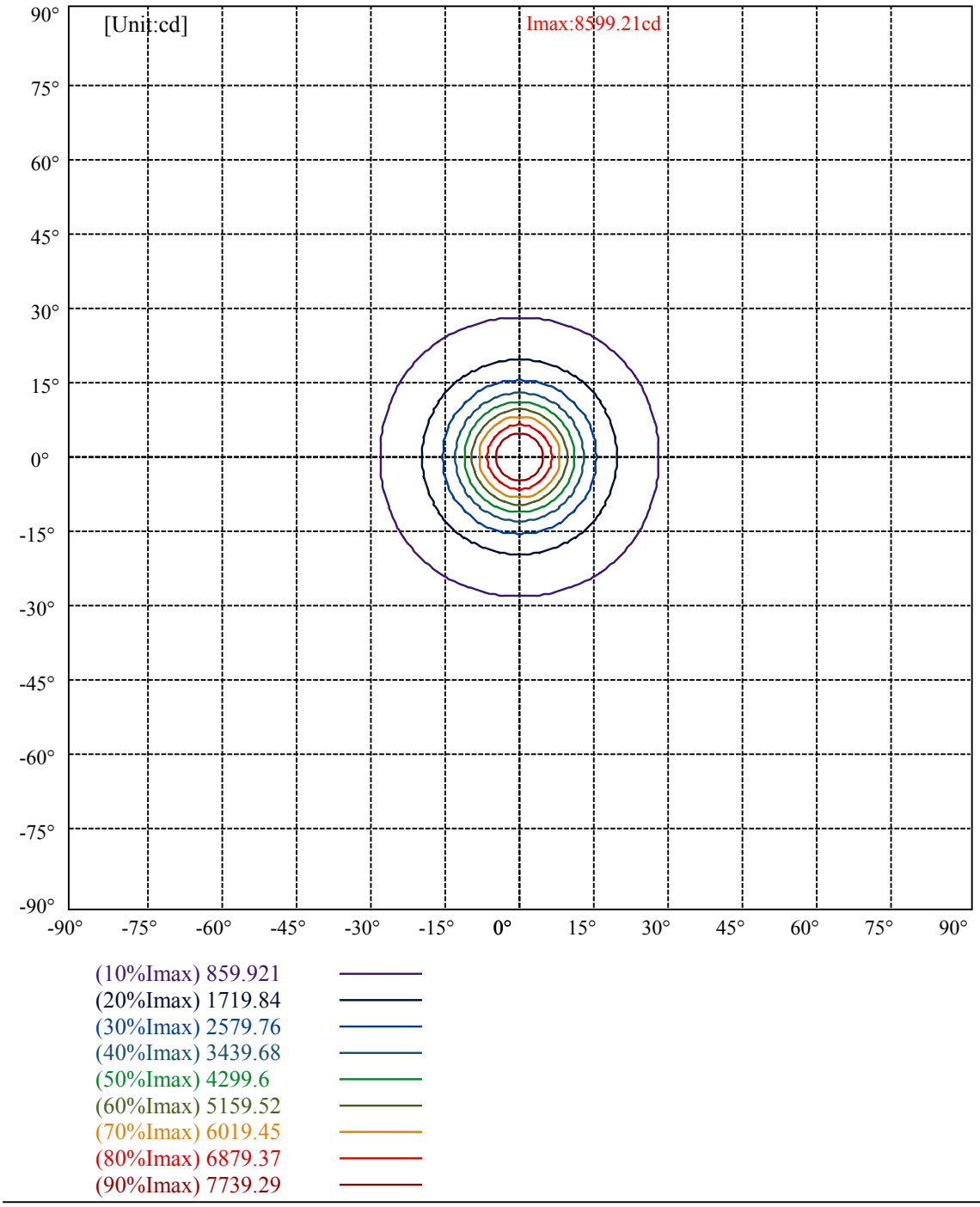
Beam Angle(50%Imax):C0/180Left:10.9 Right:10.9
:C90/270Left:10.9 Right:10.9

Lux distance Curve



Equipment: GMS1980 Date: 2024/3/01 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

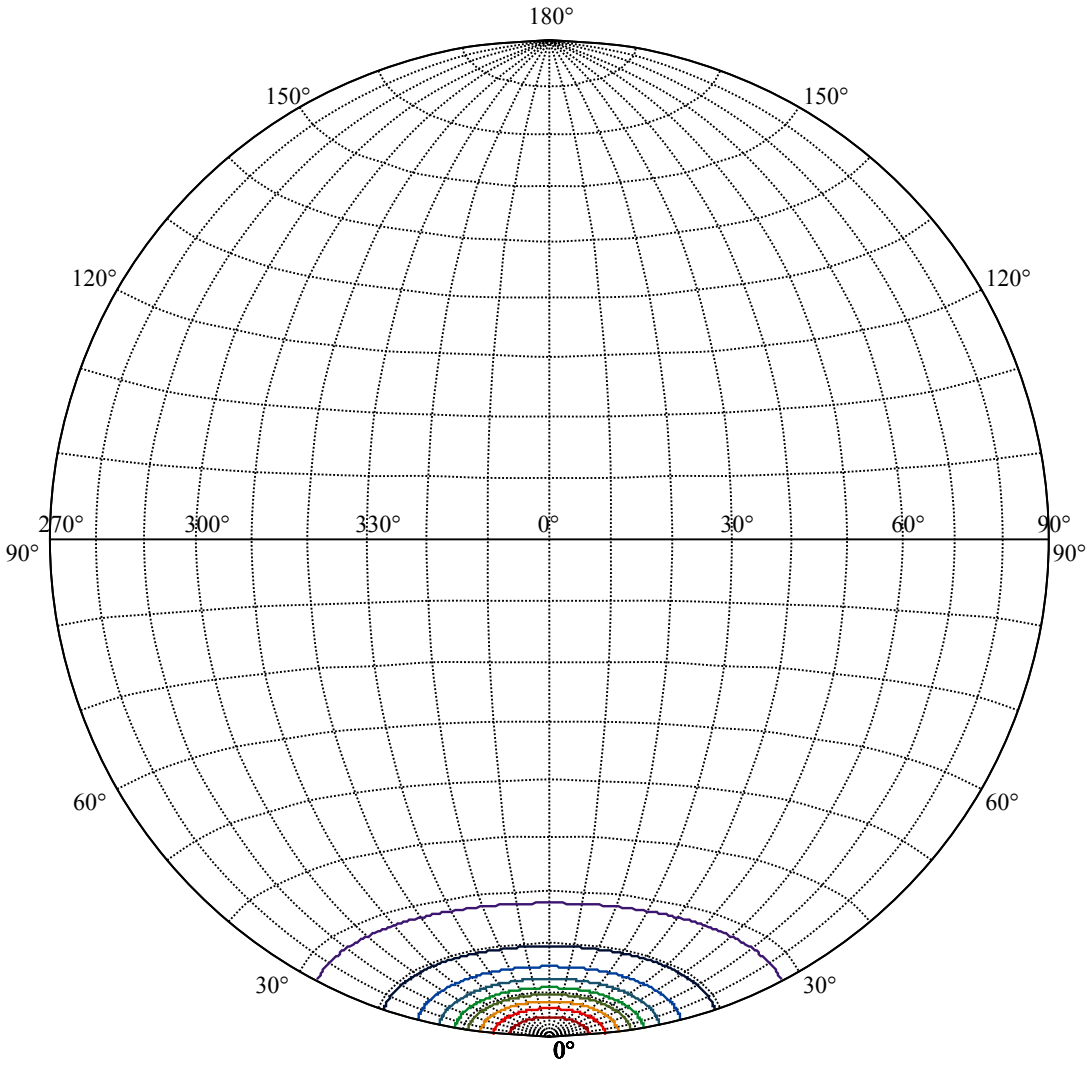


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/01
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



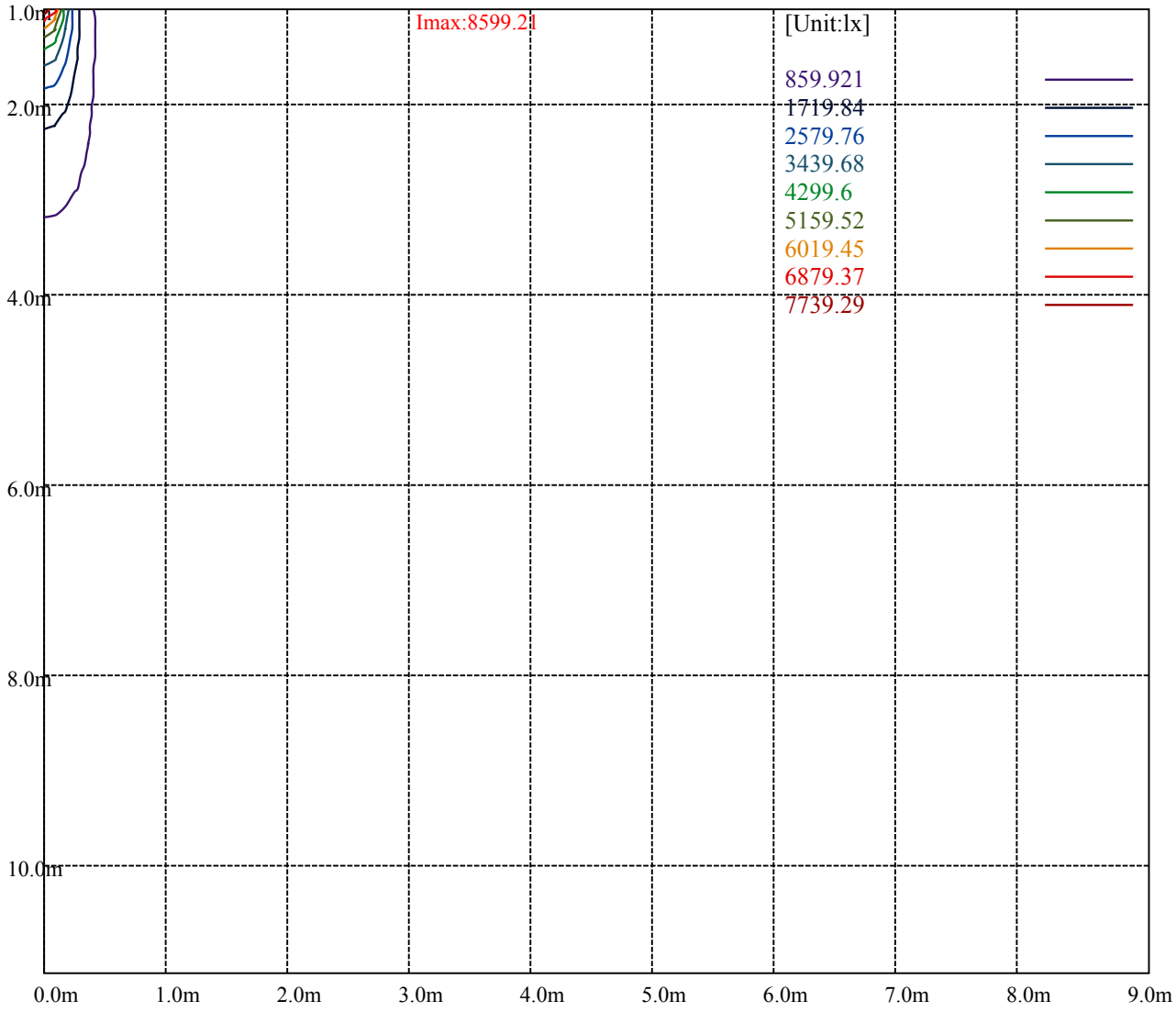
House [Unit:cd] Road

Imax:8599.21

(10%Imax) 859.921
(20%Imax) 1719.84
(30%Imax) 2579.76
(40%Imax) 3439.68
(50%Imax) 4299.6
(60%Imax) 5159.52
(70%Imax) 6019.45
(80%Imax) 6879.37
(90%Imax) 7739.29

Equipment: GMS1980	Date: 2024/3/01	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/01
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 2-2678-L

Luminance Limitting Curve(no luminous side)

Luminance Table

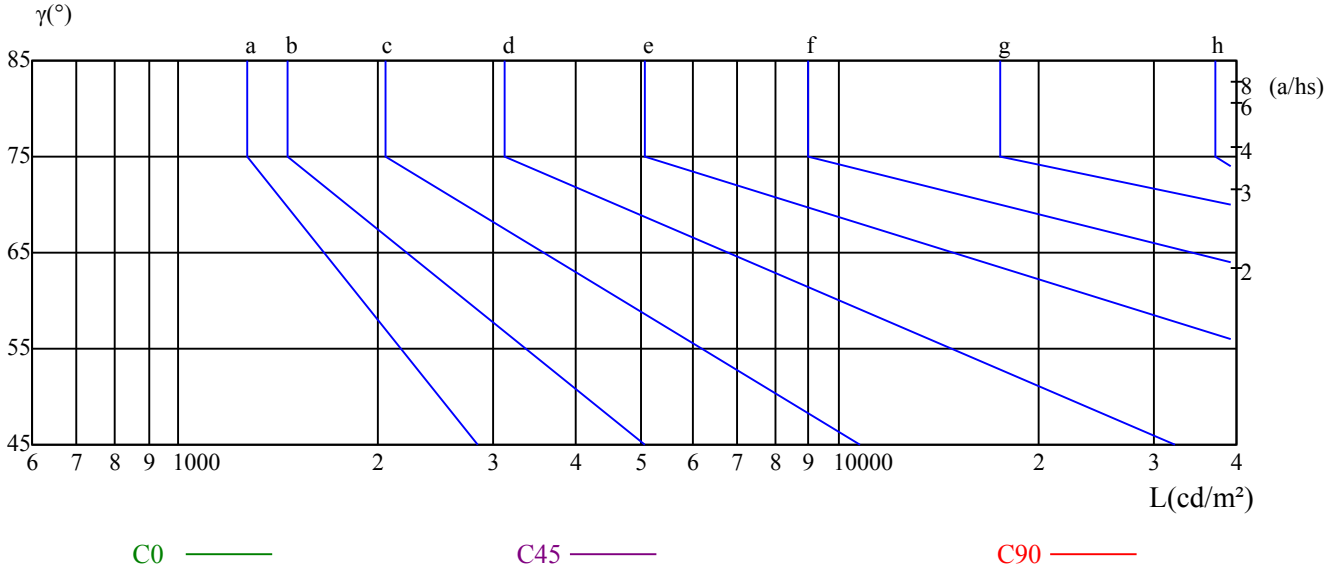
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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



Equipment: GMS1980
Temperature(°C): 25.0

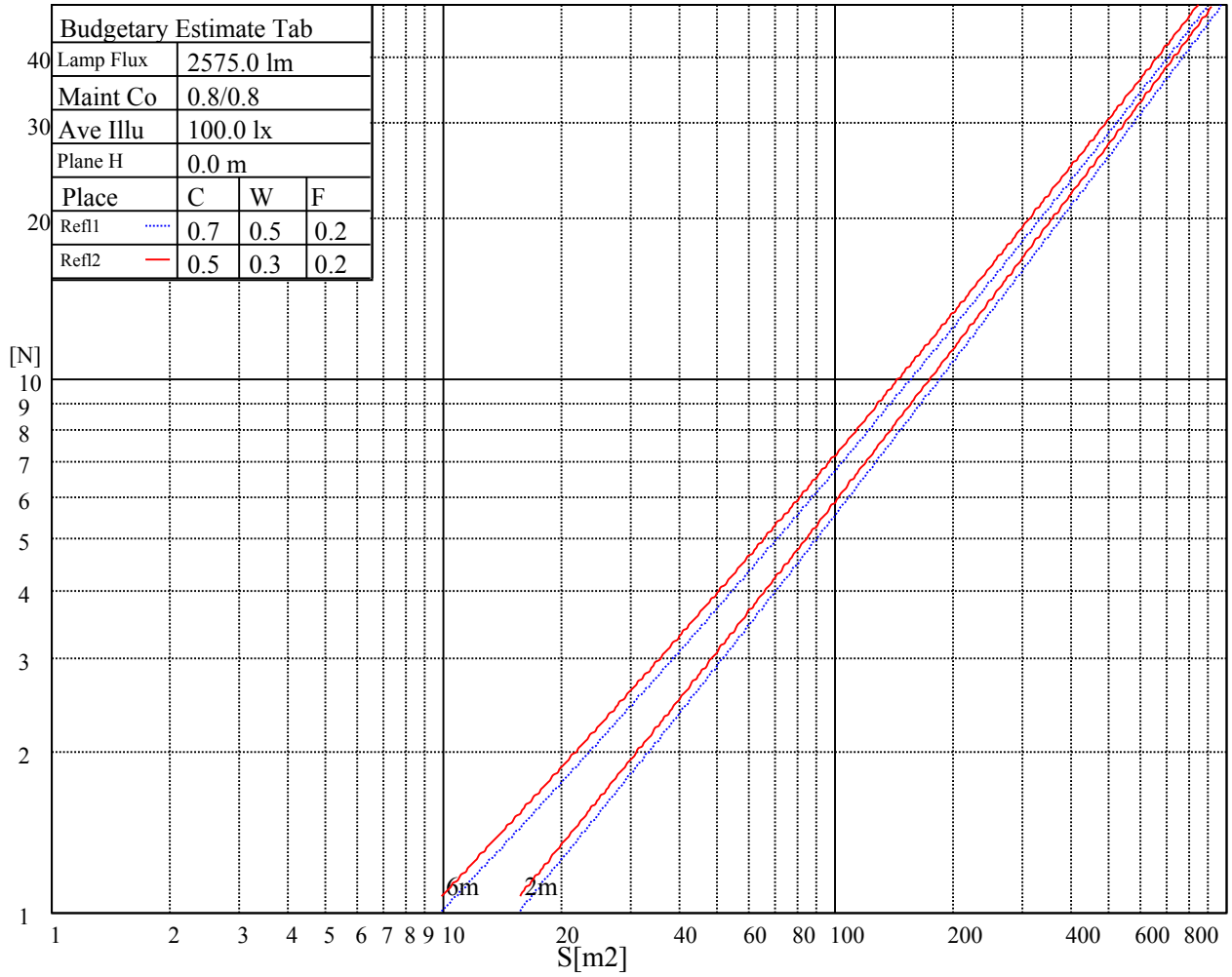
Date: 2024/3/01
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

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

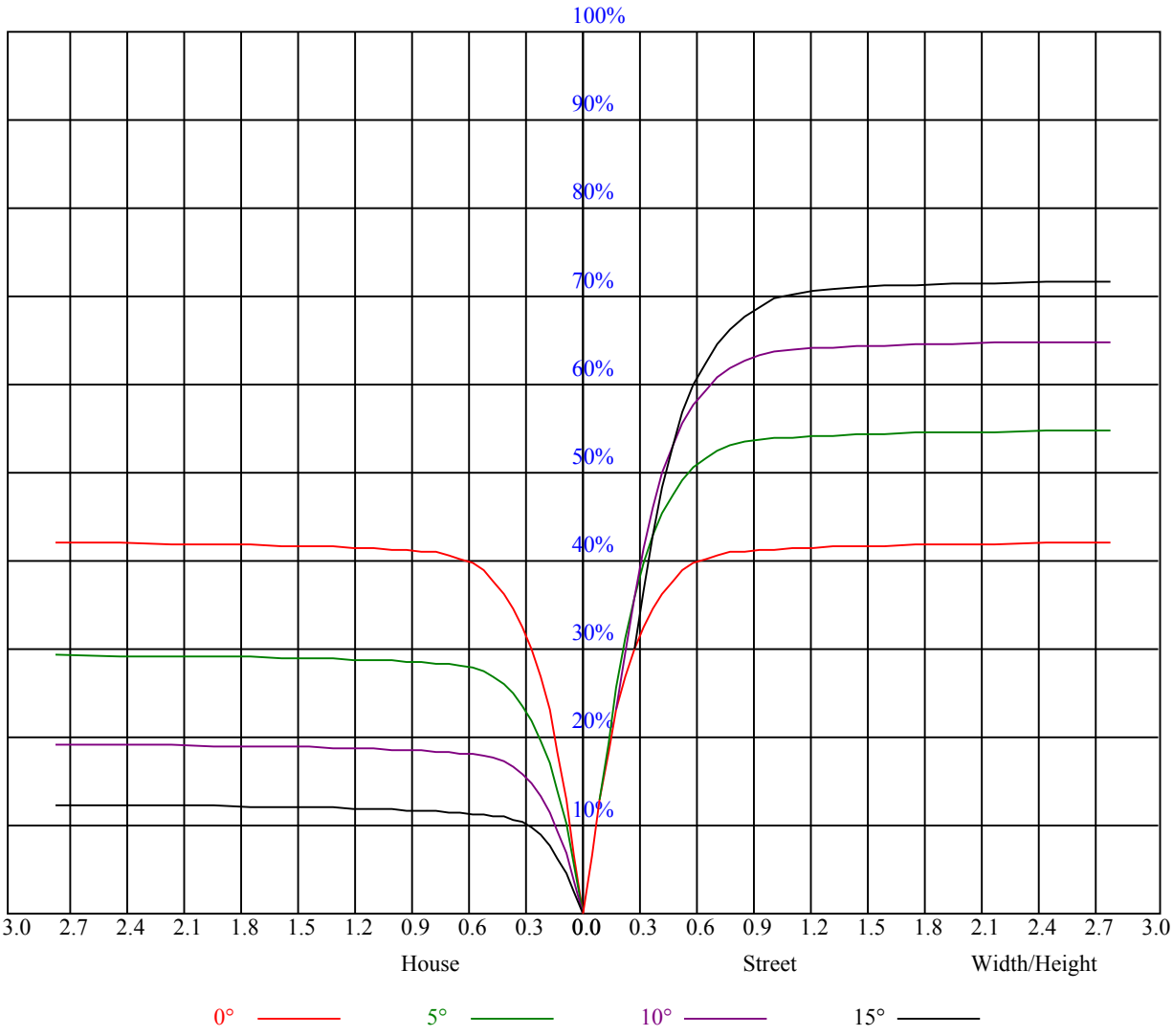


Equipment: GMS1980 Date: 2024/3/01 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

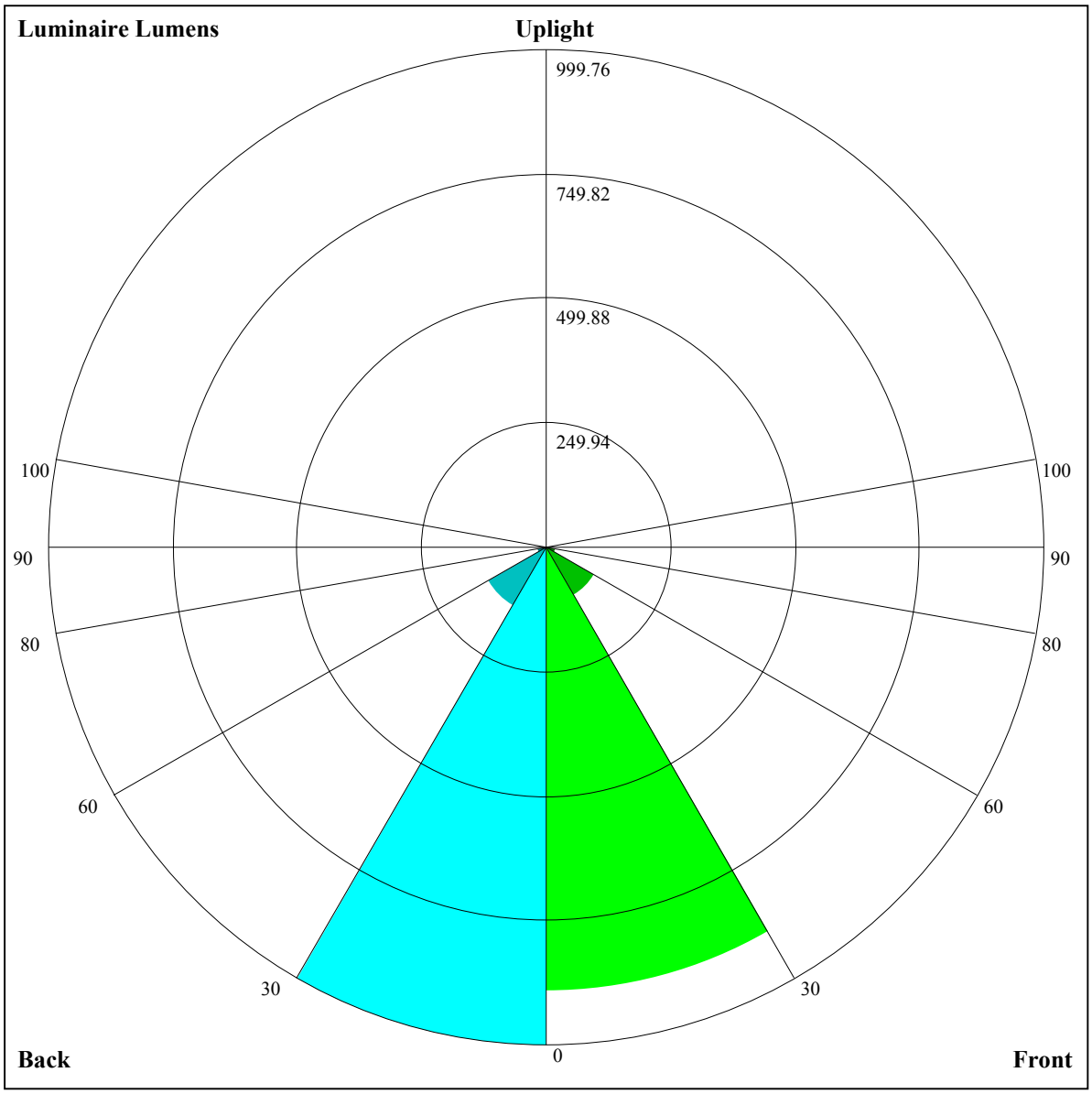
Utilization factor table for indoor luminaire

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	0.94	0.94	0.94	0.90	0.90	0.90	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.80
2	0.89	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.79	0.80	0.79	0.78	0.76
3	0.85	0.81	0.78	0.84	0.80	0.78	0.81	0.79	0.76	0.79	0.77	0.75	0.78	0.76	0.74	0.73
4	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.72	0.76	0.74	0.72	0.75	0.73	0.71	0.70
5	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.68	0.67
6	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.64
7	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.62
8	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.60	0.59
9	0.66	0.62	0.59	0.65	0.61	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.60	0.58	0.57
10	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.57	0.61	0.58	0.56	0.56

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/3/01	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=892.7,FM=112.03,FH=17.71,FVH=5.61
BL=999.76,BM=135.79,BH=17.96,BVH=5.73
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	8478.80	8288.60	8020.57	7653.63	7068.41	6542.87	5986.33	5416.32	4708.78
45.0	8640.91	8552.54	8352.97	8111.28	7669.43	7220.56	6709.08	6024.36	5463.13
90.0	8599.94	8431.98	8227.74	7924.01	7397.89	6910.40	6373.16	5672.06	5106.15
135.0	8677.19	8664.31	8571.26	8368.78	8110.11	7756.05	7317.71	6682.74	6124.44
180.0	8478.80	8621.01	8677.77	8663.73	8557.80	8400.38	8090.79	7731.47	7267.97
225.0	8640.91	8673.68	8619.25	8497.53	8313.18	8047.49	7576.38	7104.69	6560.43
270.0	8599.94	8657.29	8656.12	8597.60	8419.69	8207.25	7904.69	7511.42	6885.23
315.0	8677.19	8629.20	8500.45	8319.62	8065.63	7708.06	7138.63	6598.47	6021.44
360.0	8478.80	8288.60	8020.57	7653.63	7068.41	6542.87	5986.33	5416.32	4708.78

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4178.57	3717.41	3225.82	2892.83	2612.50	2319.89	2116.23	1934.81	1738.76
45.0	4896.64	4356.47	3767.74	3365.10	3015.14	2714.92	2457.42	2185.87	1997.43
90.0	4549.01	3921.07	3493.27	3118.72	2803.29	2473.80	2249.66	2051.86	1878.63
135.0	5418.07	4860.35	4324.87	3729.11	3327.65	2981.19	2683.90	2370.80	2160.12
180.0	6741.85	6041.92	5484.20	4892.54	4337.16	3735.55	3344.03	2995.24	2621.87
225.0	5988.67	5411.05	4702.34	4172.13	3600.95	3219.38	2887.56	2535.25	2300.58
270.0	6325.76	5749.89	5062.25	4487.56	3958.52	3413.68	3065.47	2757.64	2417.62
315.0	5296.93	4727.51	4066.79	3615.58	3229.33	2898.09	2547.54	2312.28	2106.28
360.0	4178.57	3717.41	3225.82	2892.83	2612.50	2319.89	2116.23	1934.81	1738.76

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1601.23	1476.00	1363.63	1165.83	1165.83	1097.06	1025.31	928.17	844.54
45.0	1792.02	1648.05	1485.36	1371.83	1275.85	1193.33	1104.38	1032.40	949.88
90.0	1687.26	1552.08	1402.26	1153.48	1153.48	1118.83	1052.76	977.79	878.07
135.0	1978.70	1816.01	1635.18	1506.43	1393.48	1272.34	1190.41	1119.59	1035.32
180.0	2370.80	2173.58	1934.23	1766.27	1625.81	1467.80	1357.20	1262.97	1165.24
225.0	2096.92	1869.85	1713.01	1573.73	1452.00	1258.29	1150.32	1150.32	1085.83
270.0	2201.67	2013.82	1843.52	1643.96	1516.38	1399.92	1293.41	1189.24	1119.59
315.0	1924.28	1722.96	1581.34	1455.51	1346.66	1150.73	1150.73	1068.62	1001.44
360.0	1601.23	1476.00	1363.63	1165.83	1165.83	1097.06	1025.31	928.17	844.54

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	757.81	651.00	569.78	473.21	398.54	327.61	246.20	186.75	135.36
45.0	865.02	757.92	674.24	592.89	513.30	417.91	348.27	298.52	298.52
90.0	794.21	711.34	628.47	528.87	451.91	377.94	307.18	228.18	172.00
135.0	958.07	855.07	770.80	686.53	603.43	502.18	426.10	352.95	301.45
180.0	1097.94	1031.81	958.66	855.66	769.63	681.85	596.99	498.08	422.01
225.0	1005.88	929.75	849.45	746.10	663.12	561.70	484.16	408.31	320.70
270.0	1036.49	965.68	886.67	787.19	702.91	619.23	517.98	442.49	368.17
315.0	924.13	824.00	739.55	655.92	553.80	476.26	401.23	331.24	249.31
360.0	757.81	651.00	569.78	473.21	398.54	327.61	246.20	186.75	135.36

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	96.62	68.41	61.10	56.53	52.38	48.52	45.88	43.48	40.56
45.0	151.28	108.09	73.62	63.50	58.52	53.08	49.98	47.34	44.24
90.0	126.41	82.87	64.49	58.99	53.14	49.51	46.70	43.60	41.26
135.0	301.45	147.18	103.70	73.39	57.47	52.79	47.93	44.95	42.19
180.0	349.44	299.11	299.11	148.71	96.21	67.89	55.95	50.15	46.29
225.0	255.45	196.40	145.02	102.00	66.42	56.36	51.68	47.46	43.89
270.0	300.86	300.86	163.80	118.92	83.51	59.40	54.31	50.21	46.06
315.0	190.55	140.57	99.43	67.30	57.88	53.43	48.46	45.65	42.60
360.0	96.62	68.41	61.10	56.53	52.38	48.52	45.88	43.48	40.56

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	38.45	36.46	34.53	33.30	32.19	31.08	30.55	29.96	29.61
45.0	41.90	39.80	37.81	36.11	34.29	33.01	32.19	31.31	30.61
90.0	39.21	37.40	35.35	34.00	32.83	31.95	30.96	30.49	30.08
135.0	39.44	37.40	35.58	33.94	32.25	31.13	30.14	29.44	28.85
180.0	43.42	41.20	38.74	36.87	35.17	33.71	32.13	31.08	30.20
225.0	41.61	38.92	36.87	35.17	33.36	32.07	30.96	29.90	29.26
270.0	43.42	41.26	38.68	36.81	35.05	33.18	32.01	30.96	30.20
315.0	40.38	38.22	36.28	34.29	32.83	31.66	30.67	29.79	29.26
360.0	38.45	36.46	34.53	33.30	32.19	31.08	30.55	29.96	29.61

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	29.20	28.85	28.56	28.03	27.27	26.22	25.28	23.41	22.18
45.0	30.20	29.79	29.50	29.03	28.50	27.86	26.92	25.52	23.99
90.0	29.67	29.50	29.03	28.79	28.09	27.33	26.16	25.11	23.53
135.0	28.44	28.21	28.03	27.92	27.62	27.33	26.80	25.75	24.76
180.0	29.32	28.91	28.38	28.32	28.03	28.03	27.86	27.62	27.04
225.0	28.85	28.38	28.27	28.15	27.97	27.86	27.56	26.92	25.98
270.0	29.38	28.97	28.68	28.44	28.38	28.15	27.92	27.21	26.51
315.0	28.79	28.68	28.38	28.27	27.97	27.51	26.98	25.87	24.87
360.0	29.20	28.85	28.56	28.03	27.27	26.22	25.28	23.41	22.18

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	20.01	18.79	17.56	16.85	16.04	15.86	16.09	15.92	15.92
45.0	22.65	21.07	19.43	18.73	18.55	18.73	19.20	19.43	18.79
90.0	21.77	20.01	18.73	17.56	16.74	16.44	16.27	16.15	16.15
135.0	23.70	22.06	20.60	18.61	17.26	16.33	15.51	15.04	14.63
180.0	26.34	25.16	23.82	22.47	20.31	18.84	17.44	16.44	15.74
225.0	24.70	23.29	21.59	19.78	18.43	17.15	16.27	15.74	15.63
270.0	25.16	23.94	22.41	20.83	18.84	17.44	16.44	15.80	15.16
315.0	23.35	22.00	19.84	18.49	17.21	16.39	15.57	15.16	14.75
360.0	20.01	18.79	17.56	16.85	16.04	15.86	16.09	15.92	15.92

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.92	15.63	15.39	14.75	14.16	13.23	12.52	11.76	11.12
45.0	18.43	17.79	17.09	16.33	15.74	15.10	14.16	13.40	12.70
90.0	15.80	15.45	15.10	14.46	14.10	13.52	12.93	12.35	11.82
135.0	14.22	13.87	13.58	13.17	12.93	12.58	12.29	12.00	11.76
180.0	15.39	14.92	14.69	14.46	14.16	13.99	13.75	13.28	12.76
225.0	15.10	14.34	13.99	13.75	13.40	13.05	12.76	12.41	12.17
270.0	14.75	14.46	14.10	13.69	13.34	13.05	12.76	12.41	12.11
315.0	14.28	13.93	13.58	13.23	12.93	12.58	12.29	12.06	11.76
360.0	15.92	15.63	15.39	14.75	14.16	13.23	12.52	11.76	11.12

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.89	10.59	10.36	10.12	9.83	9.60	9.42	9.42	9.36
45.0	11.70	11.12	10.65	10.30	10.07	9.71	9.60	9.36	9.31
90.0	11.47	10.94	10.48	10.24	9.89	9.66	9.48	9.36	9.42
135.0	11.35	11.06	10.71	10.42	10.18	9.89	9.66	9.54	9.36
180.0	12.35	11.82	11.41	11.12	10.83	10.53	10.24	9.89	9.66
225.0	11.94	11.59	11.18	10.83	10.48	10.24	9.83	9.66	9.54
270.0	11.82	11.47	11.18	10.89	10.53	10.30	9.89	9.71	9.60
315.0	11.41	11.00	10.77	10.48	10.24	10.01	9.71	9.54	9.36
360.0	10.89	10.59	10.36	10.12	9.83	9.60	9.42	9.42	9.36

Intensity data(cd)

C/γ(°)	90.0
0.0	9.42
45.0	9.36
90.0	9.36
135.0	9.36
180.0	9.54
225.0	9.42
270.0	9.36
315.0	9.36
360.0	9.42