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

NT

Client:
LumCAT: 1-1298-L
Luminaire: 92.70.427.00
Report No: 2024723-B011
Ballast type: AC

Test No: 2024723-C011	Voltage(V): 34.830
LampCAT: BRIDGELUX V10B LES10	Current(A): 0.360
Lamp flux(lm): 1647.0	Power (W): 12.538
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1493.98, Efficiency(%): 90.71% , Luminous Efficacy(lm/W): 119.16
Central intensity(cd): 6874.112, Maximum intensity(cd): 6874.112
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=18.4
[C90/270]Total=18.4
Field angle(10%Imax): [C0/180]Total=51.6
[C90/270]Total=51.6
Maximum s/h(1/2): C0_180=0.31 C90_270=0.31
Maximum s/h(1/4): C0_180=0.37 C90_270=0.37
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.71%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.420%

NT 1-1298-L

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6874.111	0.000	0	0.00%	0.00%
1.0	6807.176	6.546	6.546	0.40%	0.44%
2.0	6601.982	19.246	25.792	1.17%	1.73%
3.0	6268.477	30.782	56.574	1.87%	3.79%
4.0	5895.396	40.716	97.291	2.47%	6.51%
5.0	5406.148	48.619	145.909	2.95%	9.77%
6.0	4914.120	54.236	200.145	3.29%	13.40%
7.0	4428.968	57.992	258.137	3.52%	17.28%
8.0	3937.306	59.876	318.013	3.64%	21.29%
9.0	3501.825	60.290	378.303	3.66%	25.32%
10.0	3098.679	59.732	438.035	3.63%	29.32%
11.0	2787.997	58.820	496.855	3.57%	33.26%
12.0	2481.486	57.603	554.458	3.50%	37.11%
13.0	2251.785	56.172	610.63	3.41%	40.87%
14.0	2047.249	55.027	665.658	3.34%	44.56%
15.0	1856.539	53.593	719.251	3.25%	48.14%
16.0	1697.943	52.083	771.334	3.16%	51.63%
17.0	1546.077	50.518	821.852	3.07%	55.01%
18.0	1358.080	47.883	869.735	2.91%	58.22%
19.0	1259.521	45.541	915.276	2.77%	61.26%
20.0	1187.165	44.781	960.057	2.72%	64.26%
21.0	1089.118	43.709	1003.766	2.65%	67.19%
22.0	993.983	41.861	1045.627	2.54%	69.99%
23.0	907.165	39.891	1085.518	2.42%	72.66%
24.0	823.075	37.829	1123.348	2.30%	75.19%
25.0	746.491	35.689	1159.036	2.17%	77.58%
26.0	672.621	33.498	1192.535	2.03%	79.82%
27.0	600.477	31.147	1223.681	1.89%	81.91%
28.0	532.701	28.690	1252.371	1.74%	83.83%
29.0	466.059	26.130	1278.501	1.59%	85.58%
30.0	403.798	23.486	1301.987	1.43%	87.15%
31.0	341.874	20.751	1322.738	1.26%	88.54%
32.0	284.354	17.941	1340.679	1.09%	89.74%
33.0	255.195	15.895	1356.574	0.97%	90.80%
34.0	213.439	14.182	1370.756	0.86%	91.75%
35.0	154.053	11.413	1382.169	0.69%	92.52%
36.0	119.956	8.725	1390.894	0.53%	93.10%
37.0	94.229	6.986	1397.879	0.42%	93.57%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	74.082	5.618	1403.497	0.34%	93.94%
39.0	59.598	4.563	1408.06	0.28%	94.25%
40.0	49.678	3.811	1411.871	0.23%	94.50%
41.0	42.458	3.281	1415.152	0.20%	94.72%
42.0	37.754	2.914	1418.066	0.18%	94.92%
43.0	34.345	2.671	1420.737	0.16%	95.10%
44.0	31.953	2.502	1423.24	0.15%	95.26%
45.0	29.700	2.369	1425.609	0.14%	95.42%
46.0	28.054	2.259	1427.868	0.14%	95.57%
47.0	26.635	2.175	1430.043	0.13%	95.72%
48.0	25.304	2.100	1432.142	0.13%	95.86%
49.0	24.250	2.035	1434.177	0.12%	96.00%
50.0	23.380	1.986	1436.163	0.12%	96.13%
51.0	22.707	1.950	1438.113	0.12%	96.26%
52.0	22.063	1.921	1440.034	0.12%	96.39%
53.0	21.595	1.899	1441.933	0.12%	96.52%
54.0	21.244	1.888	1443.821	0.11%	96.64%
55.0	21.010	1.886	1445.708	0.11%	96.77%
56.0	20.929	1.895	1447.603	0.12%	96.90%
57.0	20.958	1.915	1449.518	0.12%	97.02%
58.0	21.061	1.943	1451.461	0.12%	97.15%
59.0	21.192	1.975	1453.436	0.12%	97.29%
60.0	21.149	2.000	1455.437	0.12%	97.42%
61.0	20.951	2.009	1457.446	0.12%	97.55%
62.0	20.644	2.004	1459.45	0.12%	97.69%
63.0	20.154	1.984	1461.434	0.12%	97.82%
64.0	19.429	1.942	1463.377	0.12%	97.95%
65.0	18.617	1.883	1465.259	0.11%	98.08%
66.0	17.820	1.818	1467.077	0.11%	98.20%
67.0	16.993	1.751	1468.828	0.11%	98.32%
68.0	16.174	1.680	1470.508	0.10%	98.43%
69.0	15.384	1.610	1472.118	0.10%	98.54%
70.0	14.718	1.546	1473.664	0.09%	98.64%
71.0	13.716	1.470	1475.134	0.09%	98.74%
72.0	12.692	1.373	1476.507	0.08%	98.83%
73.0	11.939	1.288	1477.795	0.08%	98.92%
74.0	11.390	1.226	1479.021	0.07%	99.00%
75.0	10.936	1.180	1480.201	0.07%	99.08%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.527	1.139	1481.34	0.07%	99.15%
77.0	10.176	1.104	1482.444	0.07%	99.23%
78.0	9.781	1.068	1483.512	0.06%	99.30%
79.0	9.473	1.035	1484.547	0.06%	99.37%
80.0	9.144	1.004	1485.551	0.06%	99.44%
81.0	8.866	0.974	1486.525	0.06%	99.50%
82.0	8.625	0.949	1487.473	0.06%	99.56%
83.0	8.376	0.924	1488.397	0.06%	99.63%
84.0	8.127	0.899	1489.296	0.05%	99.69%
85.0	7.857	0.872	1490.169	0.05%	99.74%
86.0	7.359	0.832	1491	0.05%	99.80%
87.0	6.920	0.781	1491.782	0.05%	99.85%
88.0	6.752	0.749	1492.531	0.05%	99.90%
89.0	6.598	0.732	1493.263	0.04%	99.95%
90.0	6.481	0.717	1493.98	0.04%	100.00%

Zonal flux distribution table

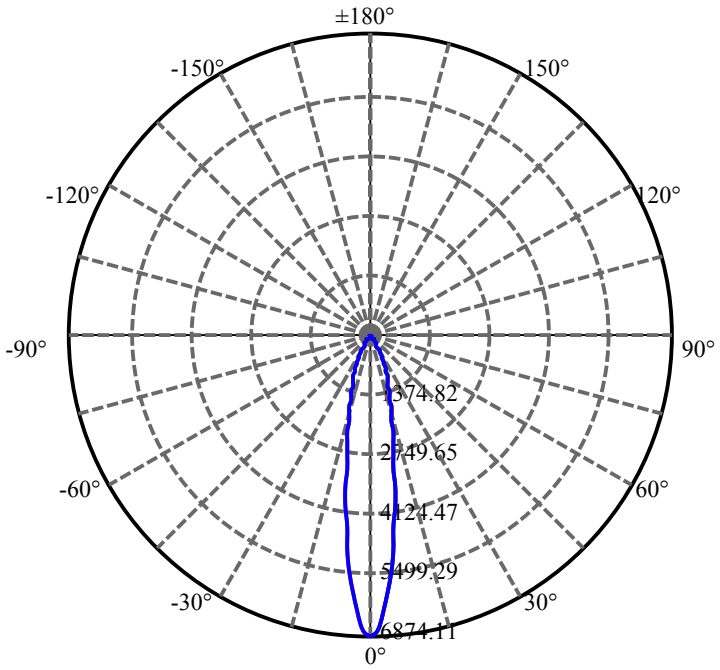
ZONAL LUMEN SUMMARY

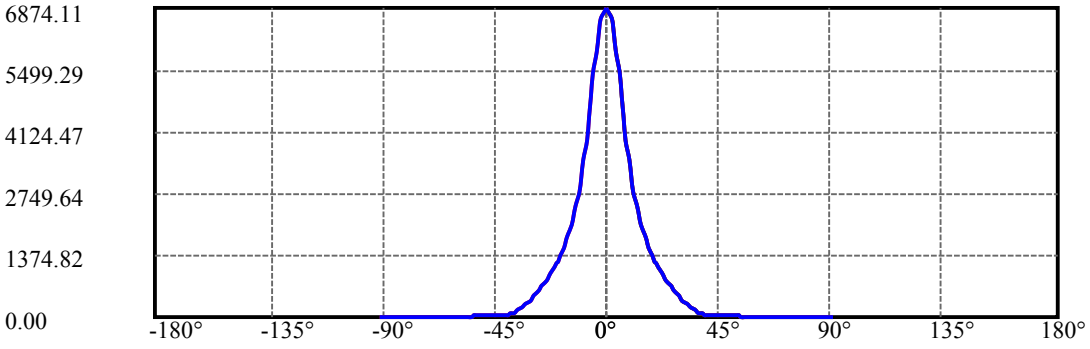
Zone	Lumens	%Lamp	%Fixt
0-30	1301.99	79.05%	87.15%
0-40	1411.87	85.72%	94.50%
0-60	1455.44	88.37%	97.42%
0-90	1493.26	90.67%	99.95%
0-120	1493.26	90.67%	99.95%
0-180	1493.98	90.71%	100.00%
60-90	37.83	2.30%	2.53%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.09	1195.18	72.57%	80.00%

ZONAL LUMEN SUMMARY

0-10	438.04
10-20	522.02
20-30	341.93
30-40	109.88
40-50	24.29
50-60	19.27
60-70	18.23
70-80	11.89
80-90	7.71
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):

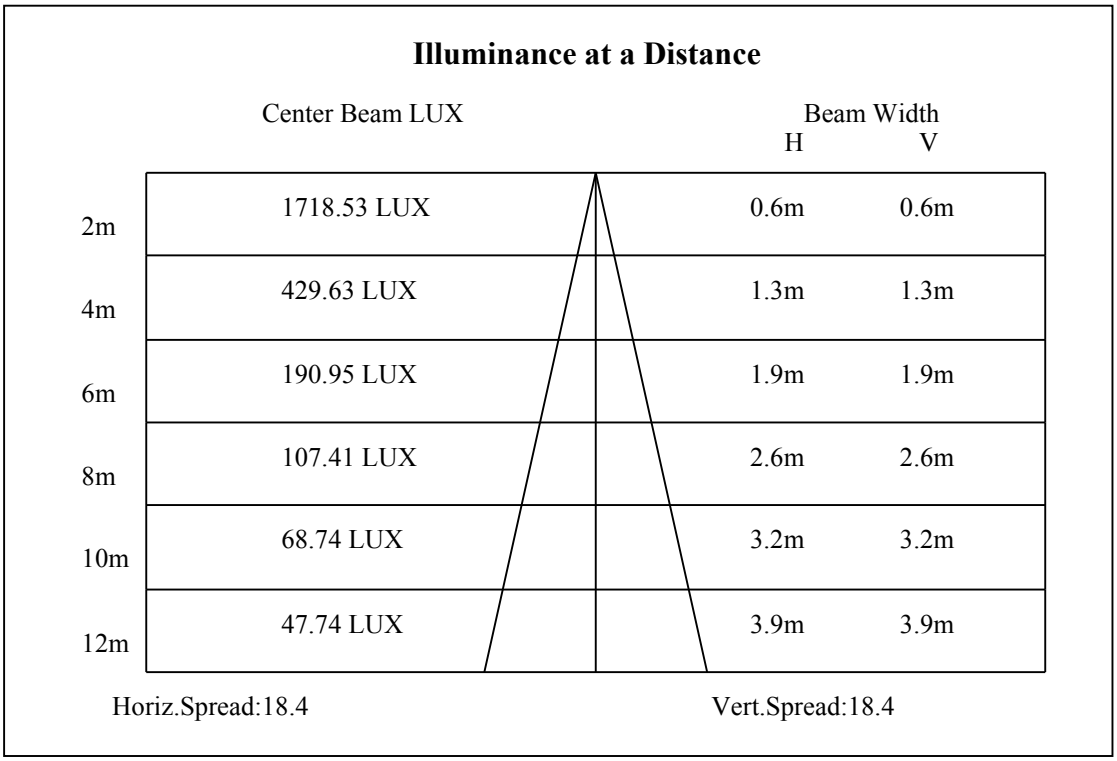
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:25.8 Right:25.8
:C90/270Left:25.8 Right:25.8

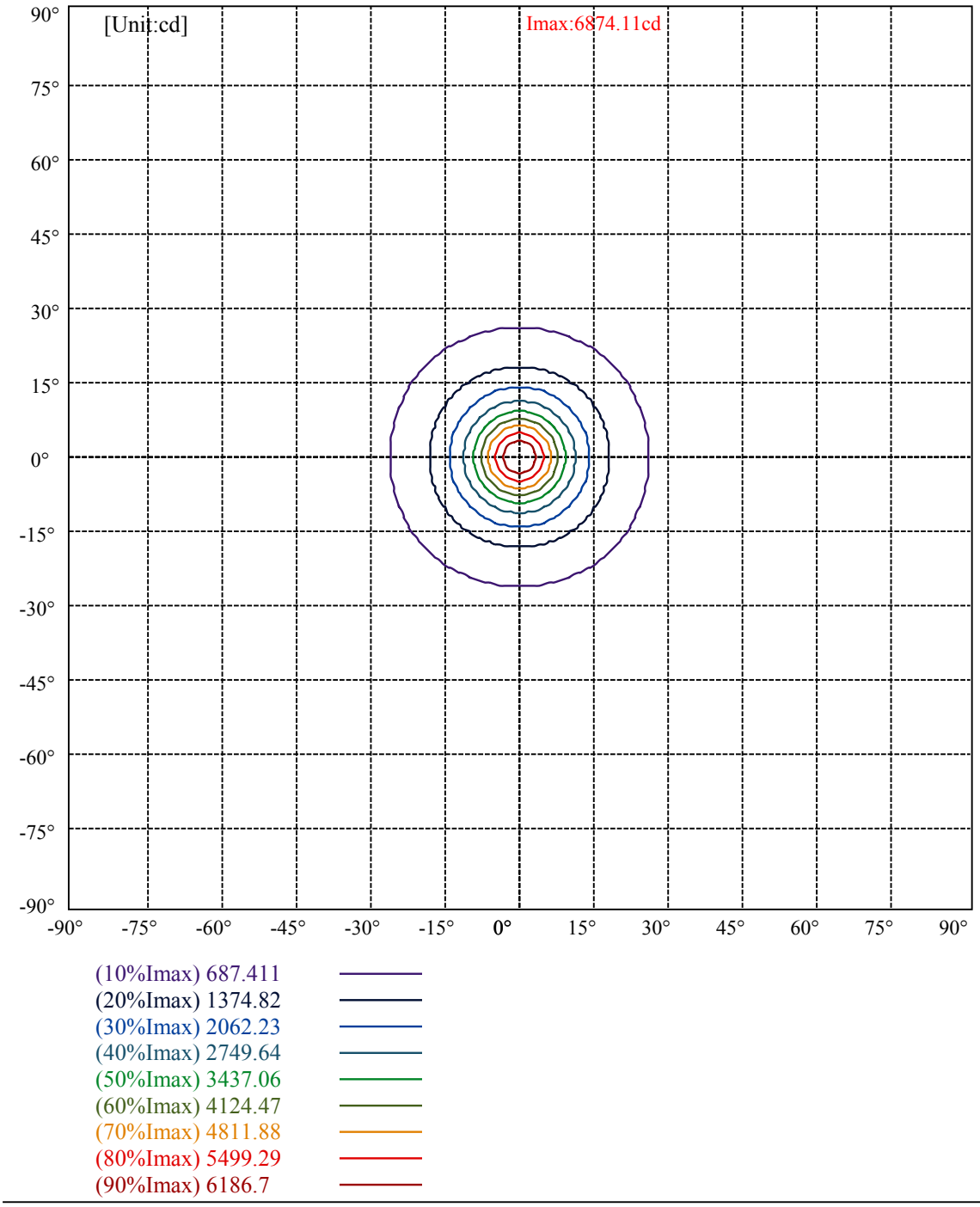
Beam Angle(50%Imax):C0/180Left:9.2 Right:9.2
:C90/270Left:9.2 Right:9.2

Lux distance Curve



Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

ISO-Intensity(V-H)

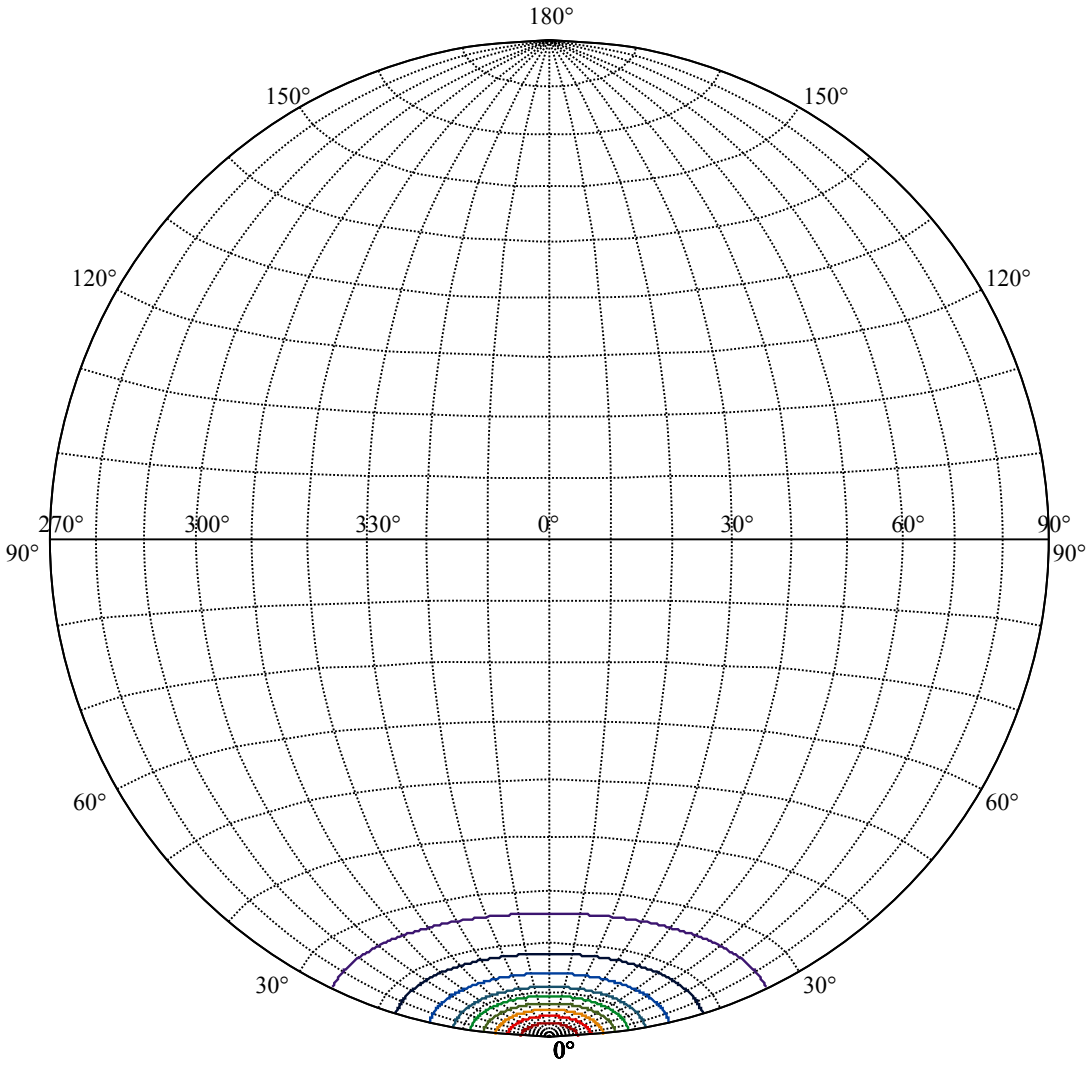


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



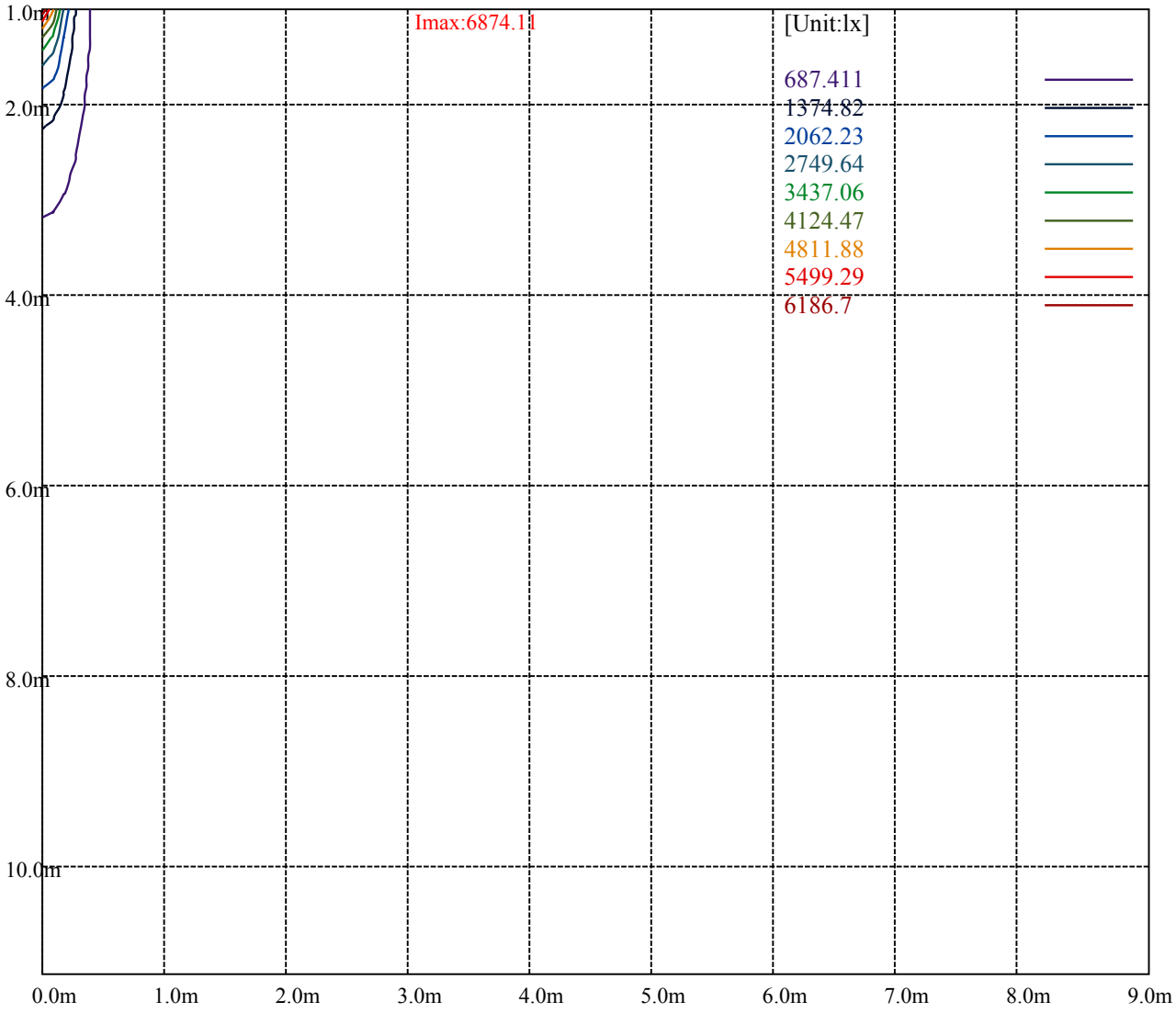
House [Unit:cd] Road

Imax:6874.11

(10%Imax) 687.411
(20%Imax) 1374.82
(30%Imax) 2062.23
(40%Imax) 2749.64
(50%Imax) 3437.06
(60%Imax) 4124.47
(70%Imax) 4811.88
(80%Imax) 5499.29
(90%Imax) 6186.7

Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/23
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 1-1298-L

Luminance Limitting Curve(no luminous side)

Luminance Table

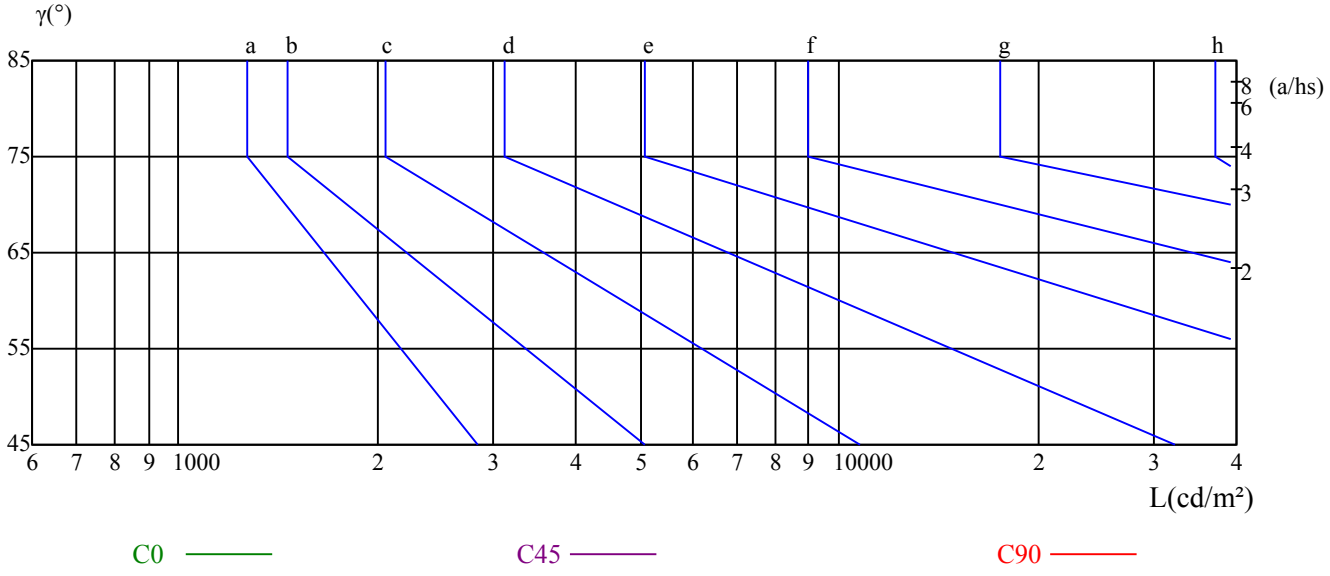
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

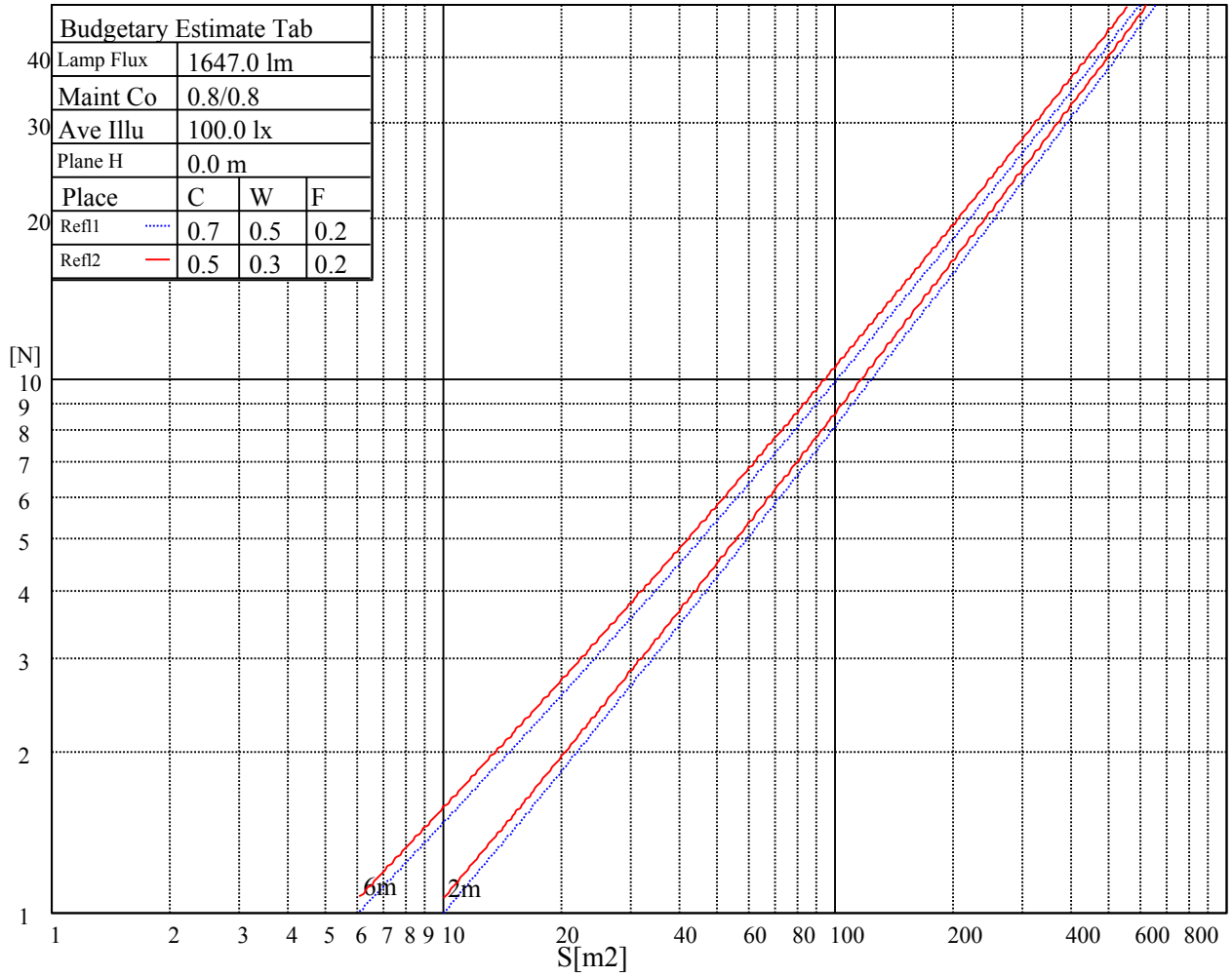
Date: 2024/7/23
Humidity(%): 60.0%

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

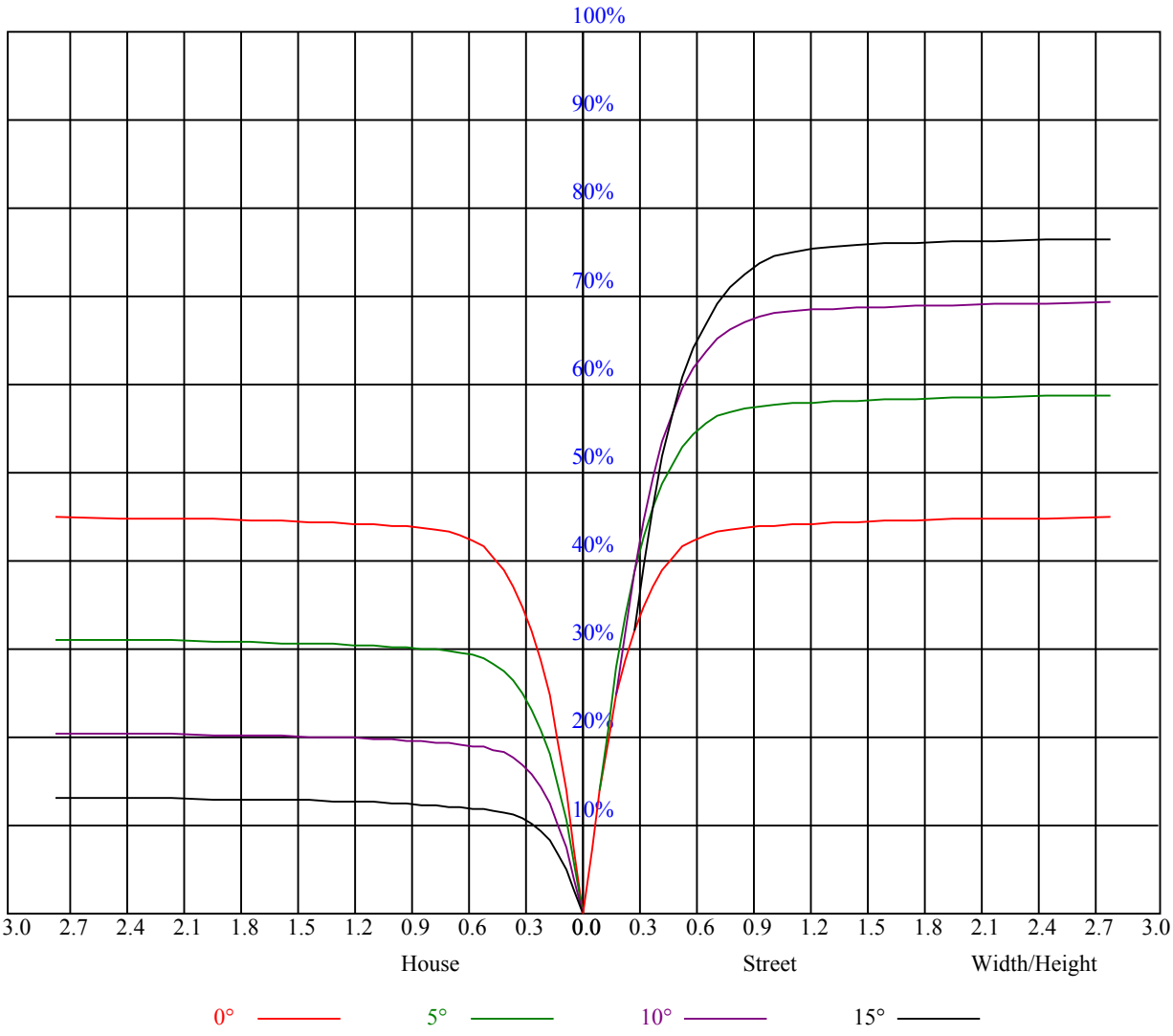


Equipment: GMS1980 Date: 2024/7/23 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

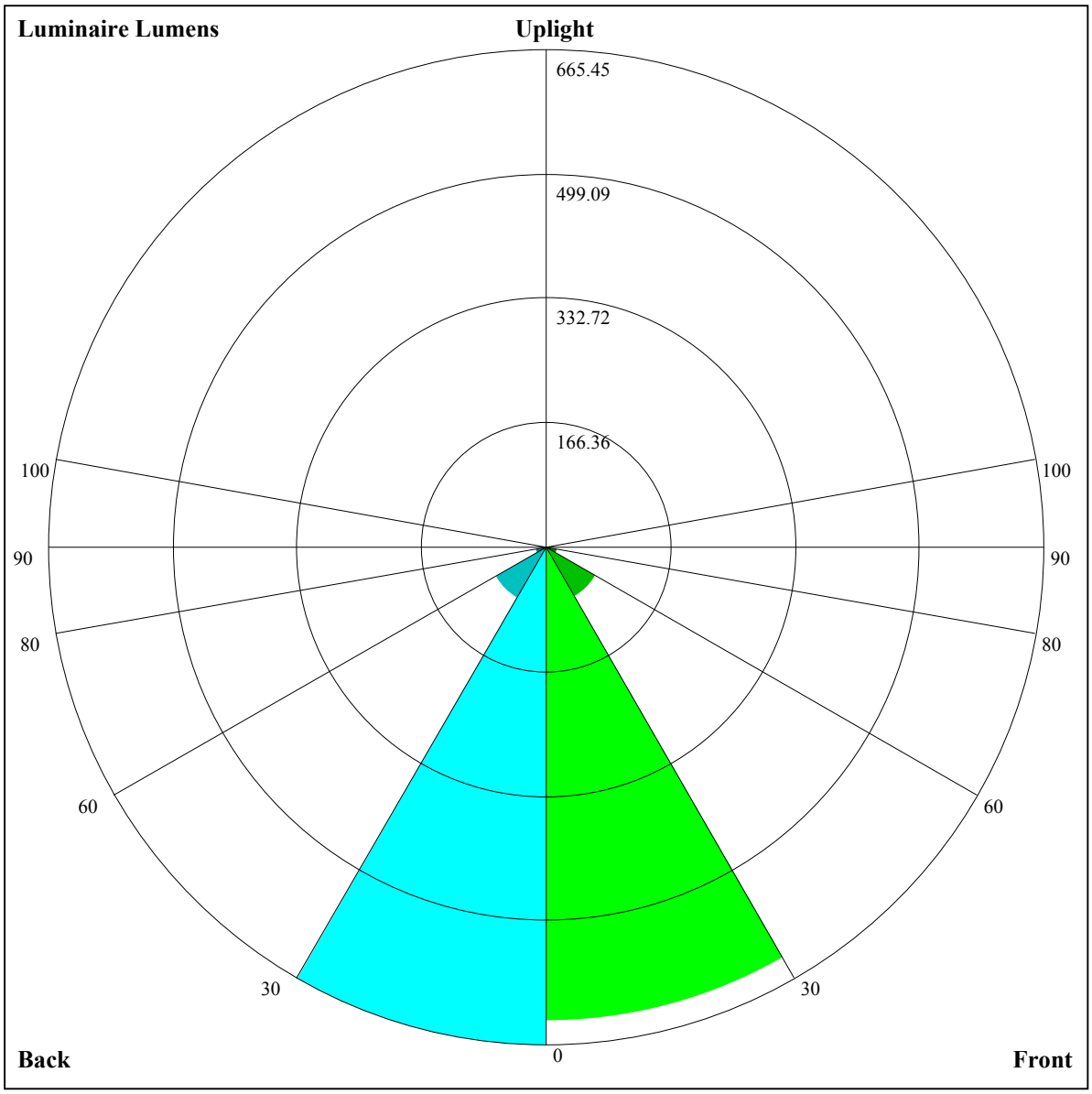
Utilization factor table for indoor luminaire

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	1.08	1.08	1.08	1.05	1.05	1.05	1.01	1.01	1.01	0.96	0.96	0.96	0.93	0.93	0.93	0.91
1	1.01	0.99	0.97	0.99	0.97	0.96	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86
2	0.95	0.92	0.90	0.94	0.91	0.89	0.91	0.89	0.87	0.88	0.87	0.85	0.86	0.84	0.83	0.82
3	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.82	0.80	0.83	0.81	0.79	0.78
4	0.86	0.82	0.79	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.77	0.80	0.78	0.76	0.75
5	0.82	0.78	0.75	0.82	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.73	0.77	0.75	0.73	0.71
6	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
7	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.66
8	0.73	0.69	0.66	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.65	0.64
9	0.70	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.62
10	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.66	0.63	0.60	0.60

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/7/23	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65



Luminaire Lumens:
FL=634.6,FM=75.56,FH=15.49,FVH=4.19
BL=665.45,BM=79.57,BH=15.15,BVH=4.25
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	6859.48	6717.86	6463.87	6036.65	5610.61	5020.12	4544.92	4090.78	3660.06
45.0	6877.62	6898.11	6770.53	6463.28	6113.90	5689.03	5216.17	4605.78	4134.67
90.0	6892.25	6738.34	6436.36	6081.13	5660.35	5195.69	4605.19	4133.50	3698.10
135.0	6867.09	6909.81	6809.74	6525.90	6193.49	5793.20	5330.87	4856.26	4276.88
180.0	6859.48	6887.57	6738.34	6511.86	6209.30	5711.27	5265.91	4794.22	4333.65
225.0	6877.62	6745.36	6441.04	6086.40	5685.52	5117.27	4652.01	4179.74	3635.48
270.0	6892.25	6889.91	6754.14	6463.28	6133.22	5625.24	5184.57	4714.05	4136.43
315.0	6867.09	6670.45	6401.83	5979.30	5556.77	5097.37	4513.31	4057.42	3623.19
360.0	6859.48	6717.86	6463.87	6036.65	5610.61	5020.12	4544.92	4090.78	3660.06

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3177.83	2854.79	2569.20	2335.11	2088.73	1912.57	1759.83	1612.94	1453.76
45.0	3686.39	3195.97	2855.37	2504.24	2267.22	2068.24	1851.71	1700.72	1560.27
90.0	3302.48	2884.05	2603.14	2309.36	2106.87	1930.72	1737.59	1595.97	1467.22
135.0	3846.74	3462.25	3111.11	2751.20	2508.33	2244.40	2057.12	1892.68	1703.65
180.0	3791.73	3393.78	3051.42	2680.39	2429.91	2217.48	1983.39	1818.35	1645.71
225.0	3255.67	2841.33	2571.54	2340.37	2136.71	1957.64	1763.34	1617.62	1485.36
270.0	3711.56	3328.23	2988.22	2620.11	2369.05	2156.61	1960.56	1751.64	1614.11
315.0	3242.21	2829.04	2553.98	2311.11	2107.45	1890.34	1738.76	1593.63	1438.54
360.0	3177.83	2854.79	2569.20	2335.11	2088.73	1912.57	1759.83	1612.94	1453.76

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1160.21	1160.21	1112.63	1024.38	920.79	844.60	769.57	700.92	619.11
45.0	1437.37	1302.18	1203.28	1109.65	1025.37	947.54	851.56	779.58	692.96
90.0	1279.95	1148.15	1125.50	1032.92	950.99	850.74	774.95	702.33	632.28
135.0	1569.05	1446.15	1305.70	1203.28	1105.55	1016.01	908.91	828.74	753.24
180.0	1505.26	1384.70	1283.46	1153.54	1059.90	966.26	888.43	793.04	721.06
225.0	1286.97	1162.26	1138.15	1051.12	949.59	872.98	797.78	712.63	646.32
270.0	1476.00	1322.67	1224.35	1121.93	1004.89	919.45	824.64	755.00	684.77
315.0	1149.85	1149.85	1104.26	1016.13	934.78	839.74	768.75	699.70	631.22
360.0	1160.21	1160.21	1112.63	1024.38	920.79	844.60	769.57	700.92	619.11

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	555.61	493.52	434.35	362.14	309.88	262.06	208.87	170.59	136.59
45.0	626.25	560.70	483.45	423.18	365.82	300.28	300.28	244.62	170.94
90.0	551.46	487.08	414.11	356.11	304.02	247.49	206.88	170.01	131.21
135.0	680.68	594.65	529.10	465.90	391.57	335.39	297.35	297.35	184.46
180.0	650.24	586.45	510.96	445.41	366.99	311.40	297.94	239.71	166.15
225.0	569.13	506.40	444.95	384.61	327.14	263.64	218.52	178.38	142.62
270.0	619.81	546.07	486.97	427.86	370.51	303.21	303.21	245.91	172.41
315.0	550.64	486.73	424.58	365.18	299.05	251.35	208.52	160.94	128.05
360.0	555.61	493.52	434.35	362.14	309.88	262.06	208.87	170.59	136.59

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	102.59	82.22	66.66	52.67	45.00	39.62	35.29	32.66	30.49
45.0	130.68	104.76	84.51	68.76	54.31	46.70	41.14	36.40	33.77
90.0	106.63	87.32	72.22	58.35	50.74	45.18	41.43	38.04	35.99
135.0	148.94	112.48	89.13	71.16	57.59	46.29	40.26	35.99	33.12
180.0	133.20	104.64	78.48	63.09	52.44	44.83	38.39	35.11	32.60
225.0	105.63	82.40	61.57	50.33	42.55	36.23	32.89	30.43	27.92
270.0	130.74	104.23	78.83	64.37	53.96	44.89	40.09	36.64	34.24
315.0	101.24	75.79	61.27	48.05	40.85	35.93	32.54	29.50	27.51
360.0	102.59	82.22	66.66	52.67	45.00	39.62	35.29	32.66	30.49

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	28.62	26.80	25.52	24.46	23.58	22.82	22.24	21.71	21.48
45.0	30.96	29.09	27.51	26.04	24.46	23.47	22.71	22.00	21.24
90.0	33.71	32.07	30.55	29.03	27.97	27.04	26.34	25.52	25.05
135.0	30.43	28.68	26.86	25.63	24.52	23.35	22.53	21.89	21.30
180.0	29.90	28.21	26.86	25.22	24.11	23.06	22.36	21.71	21.07
225.0	26.22	24.81	23.58	22.24	21.42	20.78	20.13	19.49	19.25
270.0	31.89	30.31	29.09	27.92	26.86	26.28	25.63	24.87	24.35
315.0	25.87	24.46	23.12	21.89	21.07	20.25	19.72	19.31	19.02
360.0	28.62	26.80	25.52	24.46	23.58	22.82	22.24	21.71	21.48

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.30	21.13	21.13	21.13	21.19	21.07	20.95	20.66	20.37
45.0	20.89	20.66	20.66	21.01	21.54	22.24	22.65	23.06	23.35
90.0	24.70	24.64	25.05	25.69	26.51	27.15	27.33	27.15	26.86
135.0	20.78	20.54	20.31	20.19	20.13	20.31	20.37	20.37	20.19
180.0	20.60	20.37	20.13	19.90	19.72	19.78	19.78	19.49	19.20
225.0	19.02	18.79	18.67	18.67	18.67	18.67	18.55	18.20	17.85
270.0	23.88	23.35	22.94	22.53	22.24	22.00	21.71	21.19	20.42
315.0	18.79	18.61	18.55	18.55	18.49	18.32	17.85	17.50	16.91
360.0	21.30	21.13	21.13	21.13	21.19	21.07	20.95	20.66	20.37

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	19.61	18.79	18.14	17.21	16.39	15.68	14.57	13.75	12.87
45.0	23.47	23.17	22.53	22.12	21.48	20.72	19.90	19.20	17.21
90.0	26.28	25.46	24.29	23.29	22.06	20.89	19.72	18.84	16.91
135.0	19.90	19.31	18.67	18.02	17.32	16.62	16.04	15.33	14.57
180.0	18.79	18.02	17.26	16.62	15.68	14.92	14.28	13.69	12.93
225.0	17.32	16.62	15.68	14.98	14.16	13.46	12.70	12.23	11.65
270.0	19.78	18.84	17.79	16.62	15.74	14.51	13.81	13.05	12.29
315.0	16.09	15.22	14.57	13.69	13.11	12.58	12.06	11.65	11.29
360.0	19.61	18.79	18.14	17.21	16.39	15.68	14.57	13.75	12.87

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.00	11.47	11.06	10.71	10.30	10.01	9.66	9.36	9.01
45.0	14.98	13.34	12.47	11.76	11.18	10.77	10.30	9.95	9.60
90.0	14.69	13.05	12.35	11.76	11.12	10.65	10.12	9.77	9.42
135.0	13.75	13.11	12.41	11.76	11.35	10.94	10.48	10.12	9.71
180.0	12.41	11.94	11.53	11.12	10.77	10.42	10.07	9.71	9.36
225.0	11.24	10.89	10.48	10.12	9.83	9.54	9.25	8.95	8.72
270.0	11.65	11.18	10.65	10.36	10.07	9.77	9.36	9.13	8.84
315.0	10.83	10.53	10.18	9.89	9.60	9.31	9.01	8.78	8.49
360.0	12.00	11.47	11.06	10.71	10.30	10.01	9.66	9.36	9.01

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.78	8.49	8.25	8.08	7.90	7.14	6.91	6.79	6.55
45.0	9.19	8.95	8.60	8.37	8.13	7.84	6.91	6.73	6.61
90.0	9.07	8.84	8.49	8.25	7.96	7.08	6.79	6.61	6.50
135.0	9.42	9.13	8.95	8.60	8.31	8.08	7.20	6.96	6.85
180.0	9.13	8.90	8.66	8.43	8.19	7.72	7.20	7.02	6.85
225.0	8.43	8.19	8.02	7.78	7.43	6.96	6.79	6.61	6.44
270.0	8.60	8.37	8.13	7.84	7.61	7.14	6.85	6.67	6.55
315.0	8.31	8.13	7.90	7.67	7.32	6.91	6.73	6.61	6.44
360.0	8.78	8.49	8.25	8.08	7.90	7.14	6.91	6.79	6.55

Intensity data(cd)

C/γ(°)	90.0
0.0	6.50
45.0	6.44
90.0	6.44
135.0	6.61
180.0	6.55
225.0	6.44
270.0	6.44
315.0	6.44
360.0	6.50