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NT

Client:
LumCAT: 2-2682-L
Luminaire: 92.70.412.00
Report No: 2024308-B020
Ballast type: AC

Test No: 2024308-C020	Voltage(V): 34.640
LampCAT: BRIDGELUX V13B LES13	Current(A): 0.450
Lamp flux(lm): 2653.0	Power (W): 15.588
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 2282.02, Efficiency(%): 86.02% , Luminous Efficacy(lm/W): 146.40
Central intensity(cd): 9046.906, Maximum intensity(cd): 9046.906
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=20.6
[C90/270]Total=20.6
Field angle(10%Imax): [C0/180]Total=55.4
[C90/270]Total=55.4
Maximum s/h(1/2): C0_180=0.35 C90_270=0.35
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(%): 86.02%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.054%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	9046.905	0.000	0	0.00%	0.00%
1.0	8994.894	8.633	8.633	0.33%	0.38%
2.0	8796.575	25.536	34.169	0.96%	1.50%
3.0	8465.192	41.284	75.453	1.56%	3.31%
4.0	8037.612	55.240	130.693	2.08%	5.73%
5.0	7523.565	66.943	197.637	2.52%	8.66%
6.0	6925.904	75.936	273.572	2.86%	11.99%
7.0	6309.735	82.153	355.726	3.10%	15.59%
8.0	5761.745	86.393	442.119	3.26%	19.37%
9.0	5195.613	88.803	530.923	3.35%	23.27%
10.0	4680.834	89.378	620.301	3.37%	27.18%
11.0	4198.682	88.725	709.025	3.34%	31.07%
12.0	3804.094	87.482	796.507	3.30%	34.90%
13.0	3437.963	85.945	882.452	3.24%	38.67%
14.0	3122.673	83.976	966.428	3.17%	42.35%
15.0	2800.506	81.316	1047.744	3.07%	45.91%
16.0	2537.594	78.218	1125.962	2.95%	49.34%
17.0	2323.255	75.697	1201.658	2.85%	52.66%
18.0	2117.988	73.226	1274.885	2.76%	55.87%
19.0	1930.716	70.439	1345.324	2.66%	58.95%
20.0	1778.338	67.886	1413.21	2.56%	61.93%
21.0	1619.010	65.236	1478.446	2.46%	64.79%
22.0	1486.515	62.407	1540.853	2.35%	67.52%
23.0	1366.076	59.855	1600.708	2.26%	70.14%
24.0	1255.278	57.312	1658.02	2.16%	72.66%
25.0	1157.787	54.868	1712.888	2.07%	75.06%
26.0	1072.973	52.657	1765.545	1.98%	77.37%
27.0	975.365	50.113	1815.658	1.89%	79.56%
28.0	873.192	46.802	1862.46	1.76%	81.61%
29.0	780.697	43.270	1905.73	1.63%	83.51%
30.0	682.116	39.496	1945.226	1.49%	85.24%
31.0	592.101	35.460	1980.686	1.34%	86.80%
32.0	496.841	31.197	2011.883	1.18%	88.16%
33.0	419.555	26.997	2038.88	1.02%	89.35%
34.0	352.942	23.378	2062.258	0.88%	90.37%
35.0	300.345	20.289	2082.547	0.76%	91.26%
36.0	258.713	17.801	2100.347	0.67%	92.04%
37.0	218.091	15.551	2115.898	0.59%	92.72%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	196.789	13.848	2129.746	0.52%	93.33%
39.0	153.570	11.959	2141.705	0.45%	93.85%
40.0	131.237	9.933	2151.638	0.37%	94.29%
41.0	112.451	8.678	2160.316	0.33%	94.67%
42.0	95.297	7.548	2167.863	0.28%	95.00%
43.0	82.882	6.600	2174.464	0.25%	95.29%
44.0	71.741	5.836	2180.3	0.22%	95.54%
45.0	62.831	5.172	2185.471	0.19%	95.77%
46.0	55.743	4.637	2190.108	0.17%	95.97%
47.0	50.066	4.208	2194.317	0.16%	96.16%
48.0	45.904	3.880	2198.196	0.15%	96.33%
49.0	42.685	3.638	2201.834	0.14%	96.49%
50.0	40.754	3.479	2205.313	0.13%	96.64%
51.0	39.108	3.379	2208.692	0.13%	96.79%
52.0	38.113	3.314	2212.006	0.12%	96.93%
53.0	37.564	3.292	2215.297	0.12%	97.08%
54.0	37.125	3.292	2218.589	0.12%	97.22%
55.0	36.679	3.294	2221.884	0.12%	97.36%
56.0	36.035	3.286	2225.17	0.12%	97.51%
57.0	35.172	3.256	2228.425	0.12%	97.65%
58.0	33.789	3.189	2231.614	0.12%	97.79%
59.0	32.004	3.076	2234.69	0.12%	97.93%
60.0	29.876	2.923	2237.614	0.11%	98.05%
61.0	27.403	2.733	2240.347	0.10%	98.17%
62.0	24.967	2.524	2242.871	0.10%	98.28%
63.0	22.626	2.315	2245.186	0.09%	98.39%
64.0	20.666	2.124	2247.31	0.08%	98.48%
65.0	18.705	1.948	2249.258	0.07%	98.56%
66.0	17.308	1.797	2251.055	0.07%	98.64%
67.0	16.364	1.693	2252.748	0.06%	98.72%
68.0	15.501	1.614	2254.362	0.06%	98.79%
69.0	14.872	1.549	2255.912	0.06%	98.86%
70.0	14.353	1.501	2257.413	0.06%	98.92%
71.0	13.906	1.461	2258.873	0.06%	98.99%
72.0	13.541	1.427	2260.301	0.05%	99.05%
73.0	13.211	1.399	2261.7	0.05%	99.11%
74.0	12.933	1.375	2263.074	0.05%	99.17%
75.0	12.655	1.352	2264.426	0.05%	99.23%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.407	1.330	2265.757	0.05%	99.29%
77.0	12.165	1.310	2267.067	0.05%	99.34%
78.0	11.917	1.289	2268.356	0.05%	99.40%
79.0	11.624	1.265	2269.621	0.05%	99.46%
80.0	11.383	1.240	2270.861	0.05%	99.51%
81.0	11.112	1.216	2272.077	0.05%	99.56%
82.0	10.827	1.190	2273.267	0.04%	99.62%
83.0	10.563	1.163	2274.43	0.04%	99.67%
84.0	10.358	1.140	2275.57	0.04%	99.72%
85.0	10.139	1.119	2276.688	0.04%	99.77%
86.0	9.949	1.098	2277.786	0.04%	99.81%
87.0	9.773	1.079	2278.866	0.04%	99.86%
88.0	9.627	1.063	2279.928	0.04%	99.91%
89.0	9.539	1.051	2280.979	0.04%	99.95%
90.0	9.466	1.042	2282.021	0.04%	100.00%

Zonal flux distribution table

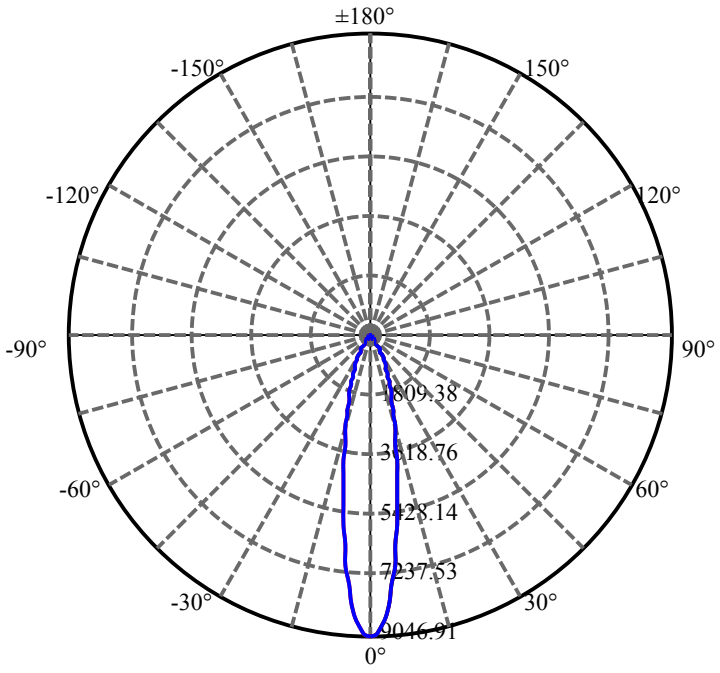
ZONAL LUMEN SUMMARY

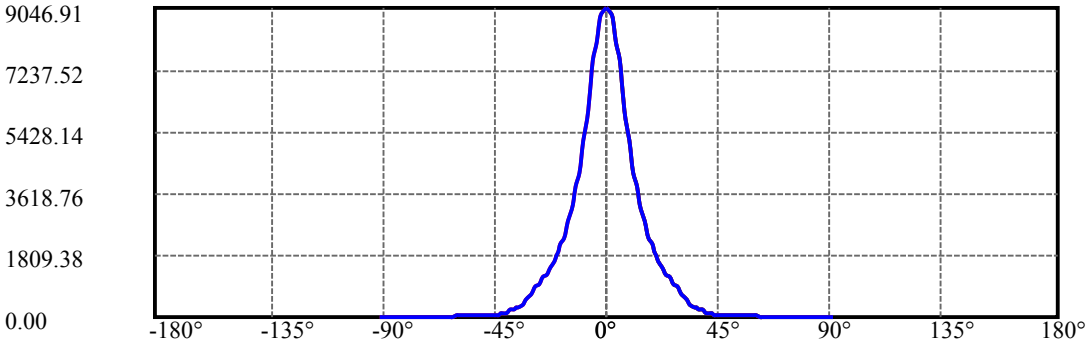
Zone	Lumens	%Lamp	%Fixt
0-30	1945.23	73.32%	85.24%
0-40	2151.64	81.10%	94.29%
0-60	2237.61	84.34%	98.05%
0-90	2280.98	85.98%	99.95%
0-120	2280.98	85.98%	99.95%
0-180	2282.02	86.02%	100.00%
60-90	43.37	1.63%	1.90%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.21	1825.62	68.81%	80.00%

ZONAL LUMEN SUMMARY

0-10	620.30
10-20	792.91
20-30	532.02
30-40	206.41
40-50	53.68
50-60	32.30
60-70	19.80
70-80	13.45
80-90	10.12
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):

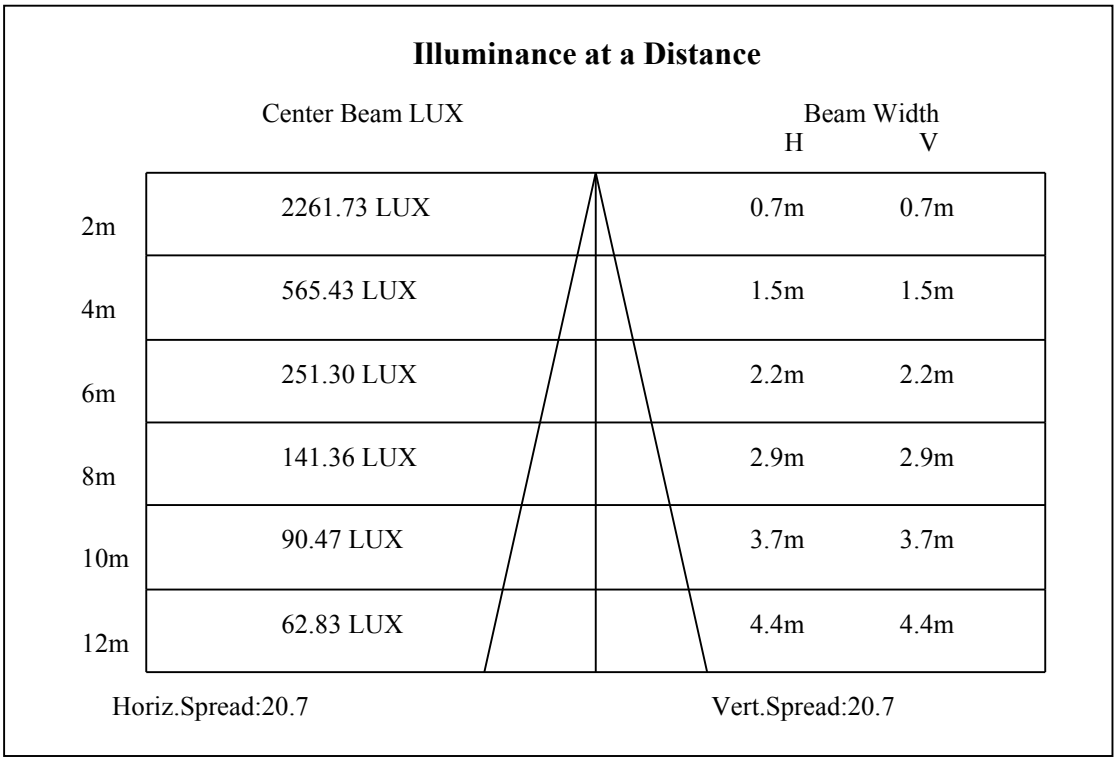
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:27.7 Right:27.7
:C90/270Left:27.7 Right:27.7

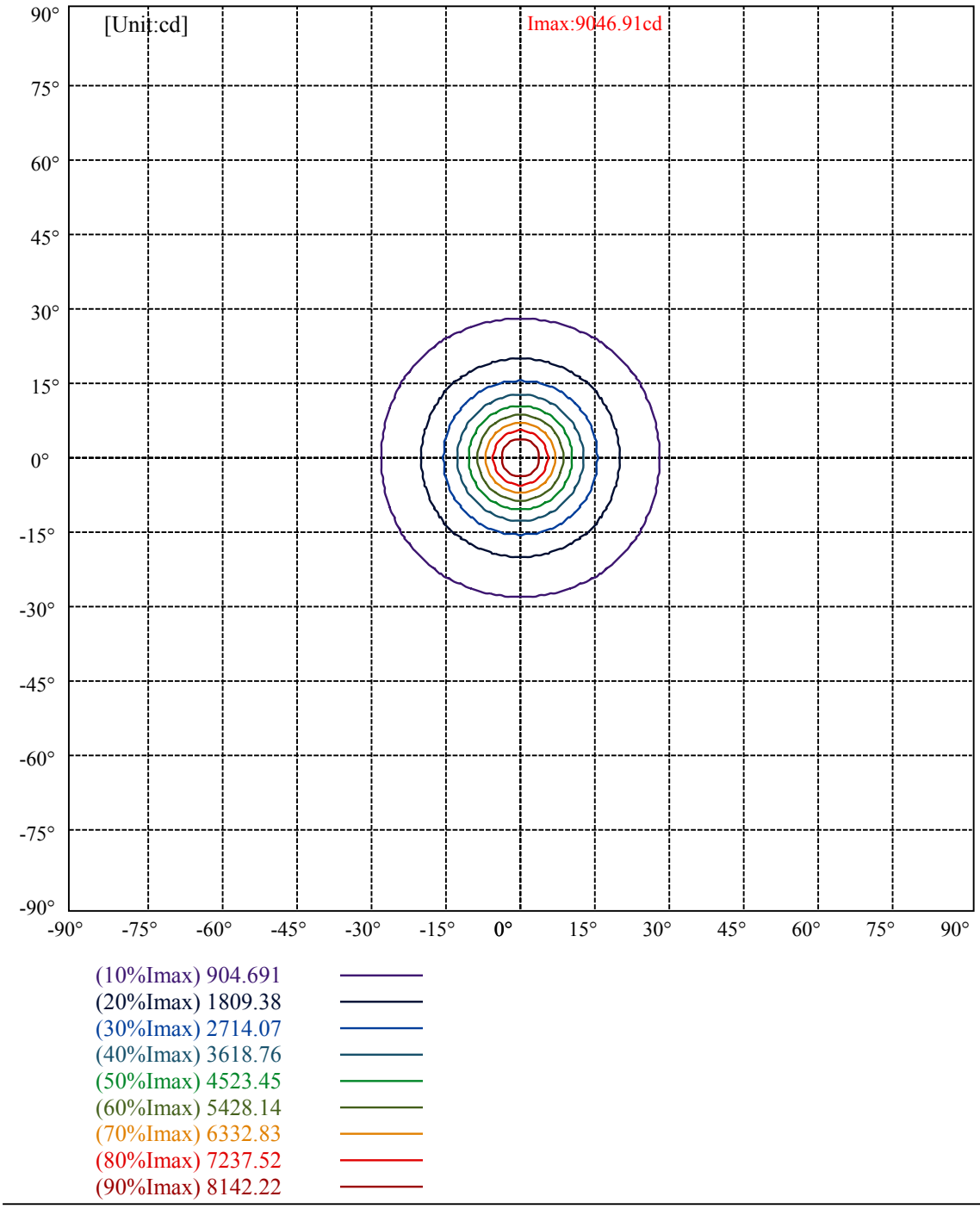
Beam Angle(50%Imax):C0/180Left:10.3 Right:10.3
:C90/270Left:10.3 Right:10.3

Lux distance Curve



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

ISO-Intensity(V-H)

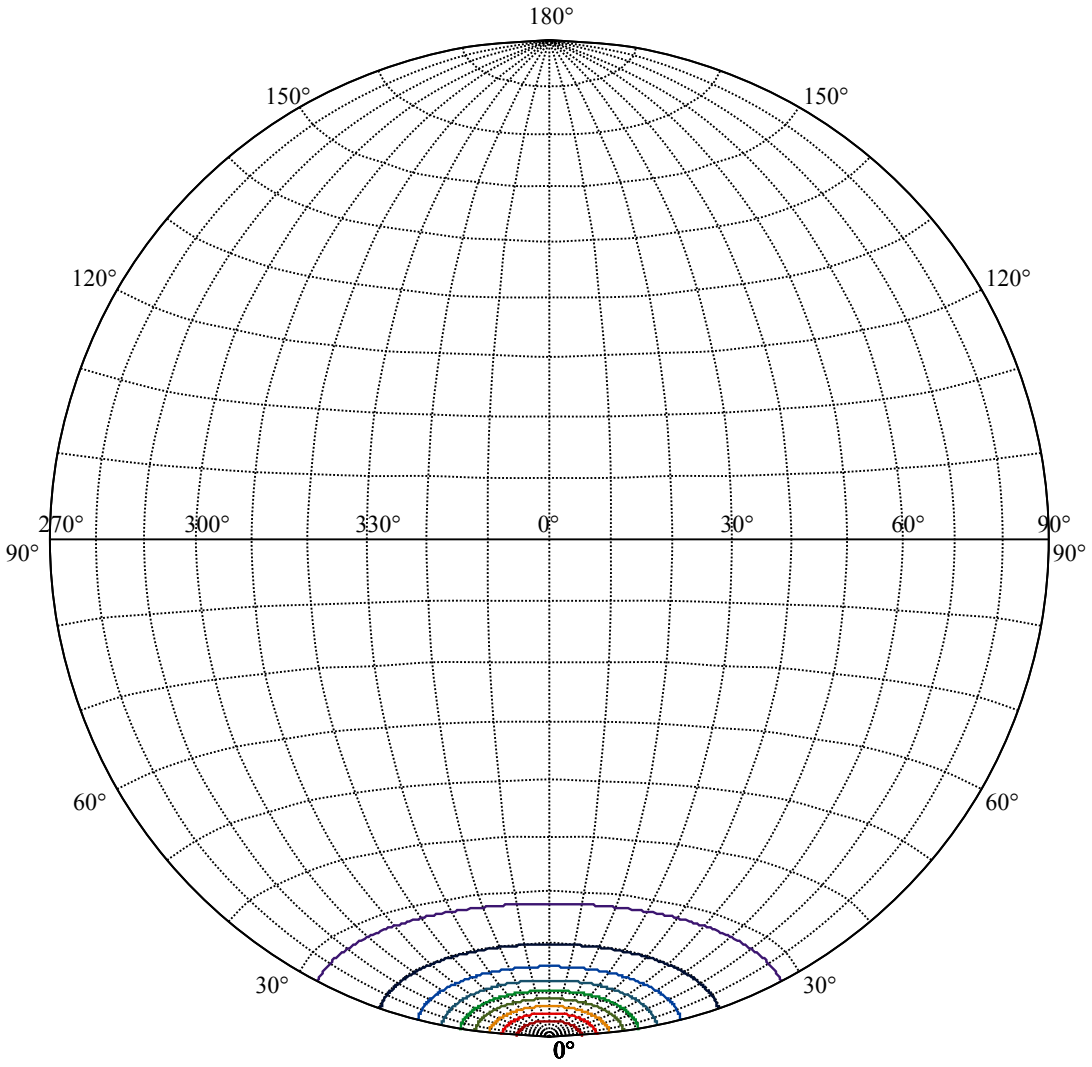


Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



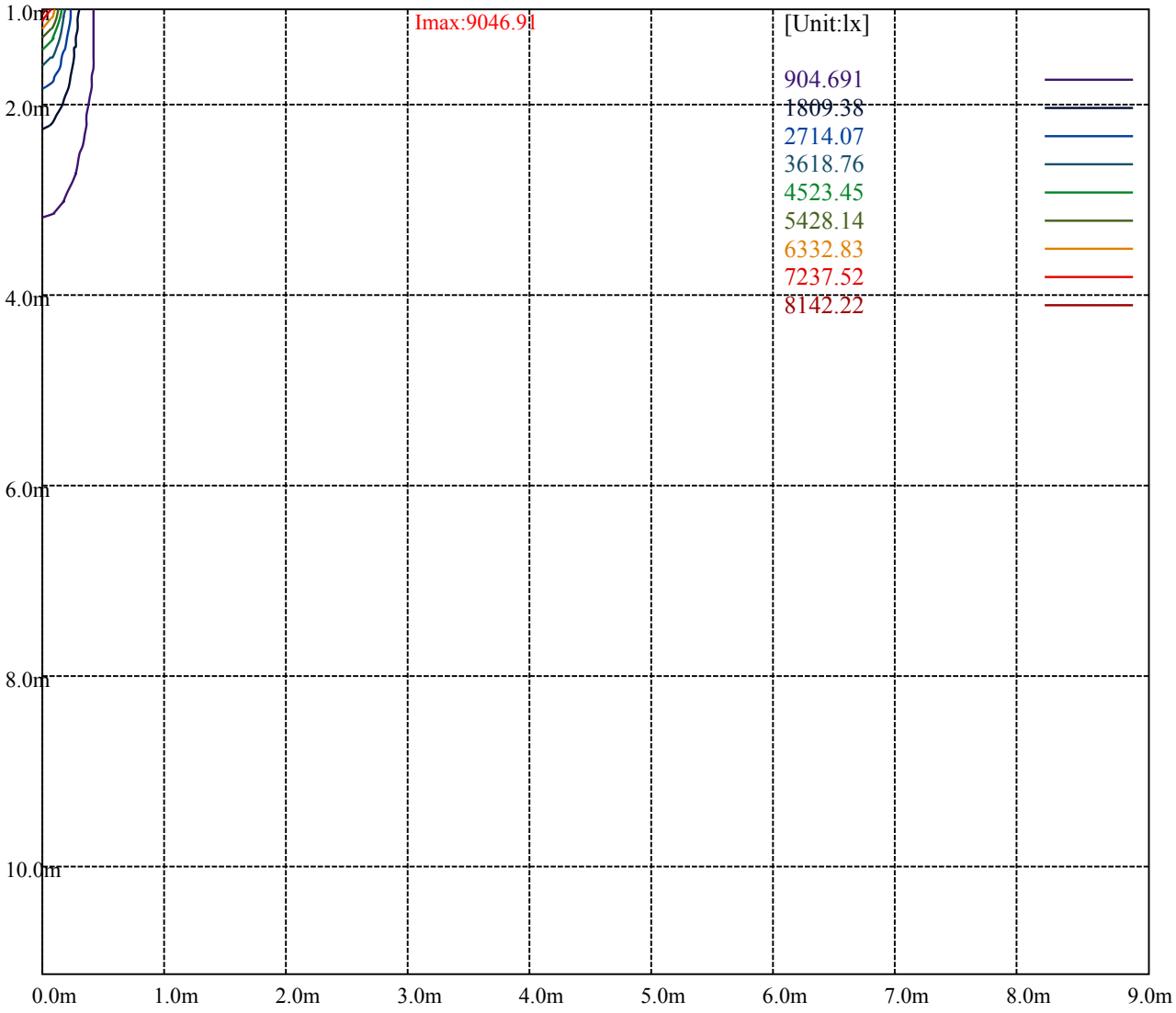
House [Unit:cd] Road

Imax:9046.91

(10%Imax) 904.691
(20%Imax) 1809.38
(30%Imax) 2714.07
(40%Imax) 3618.76
(50%Imax) 4523.45
(60%Imax) 5428.14
(70%Imax) 6332.83
(80%Imax) 7237.52
(90%Imax) 8142.22

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

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

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

Operator: NT07
Distance(m): 7.65

NT 2-2682-L

Luminance Limitting Curve(no luminous side)

Luminance Table

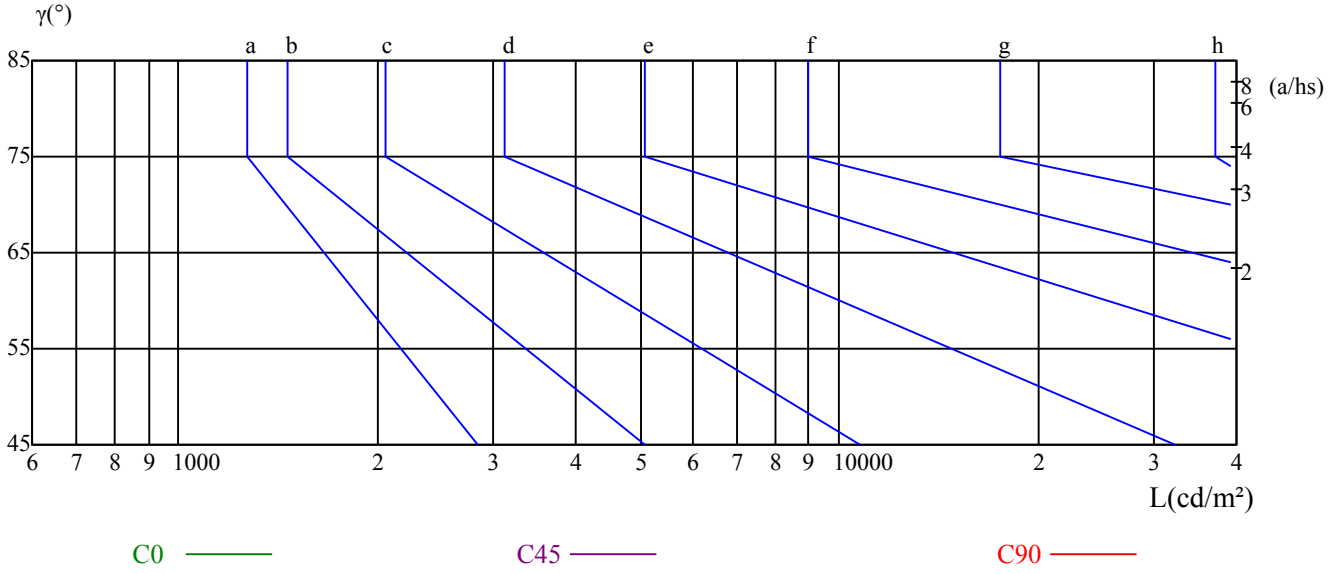
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

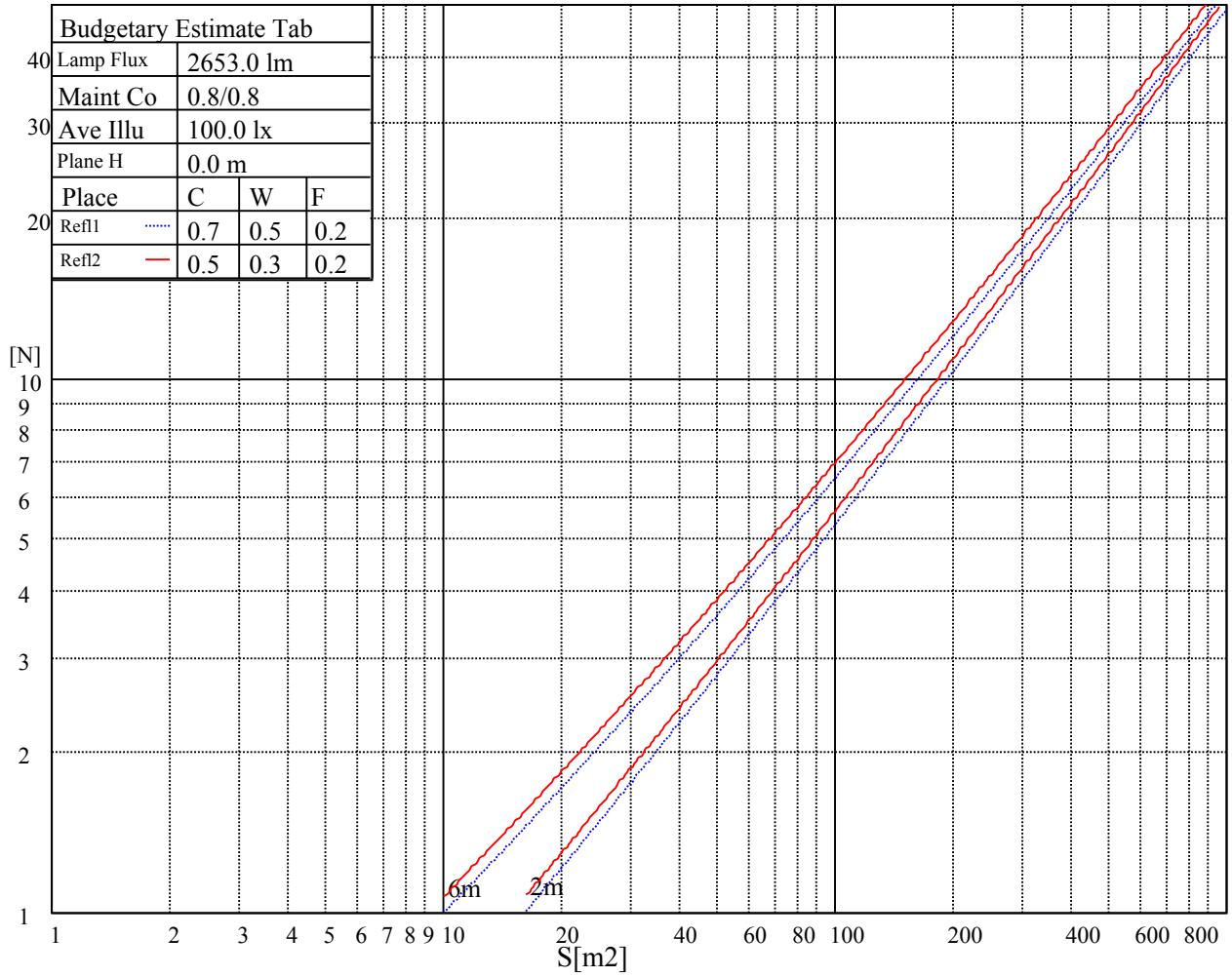
Luminance Limitting Curve



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

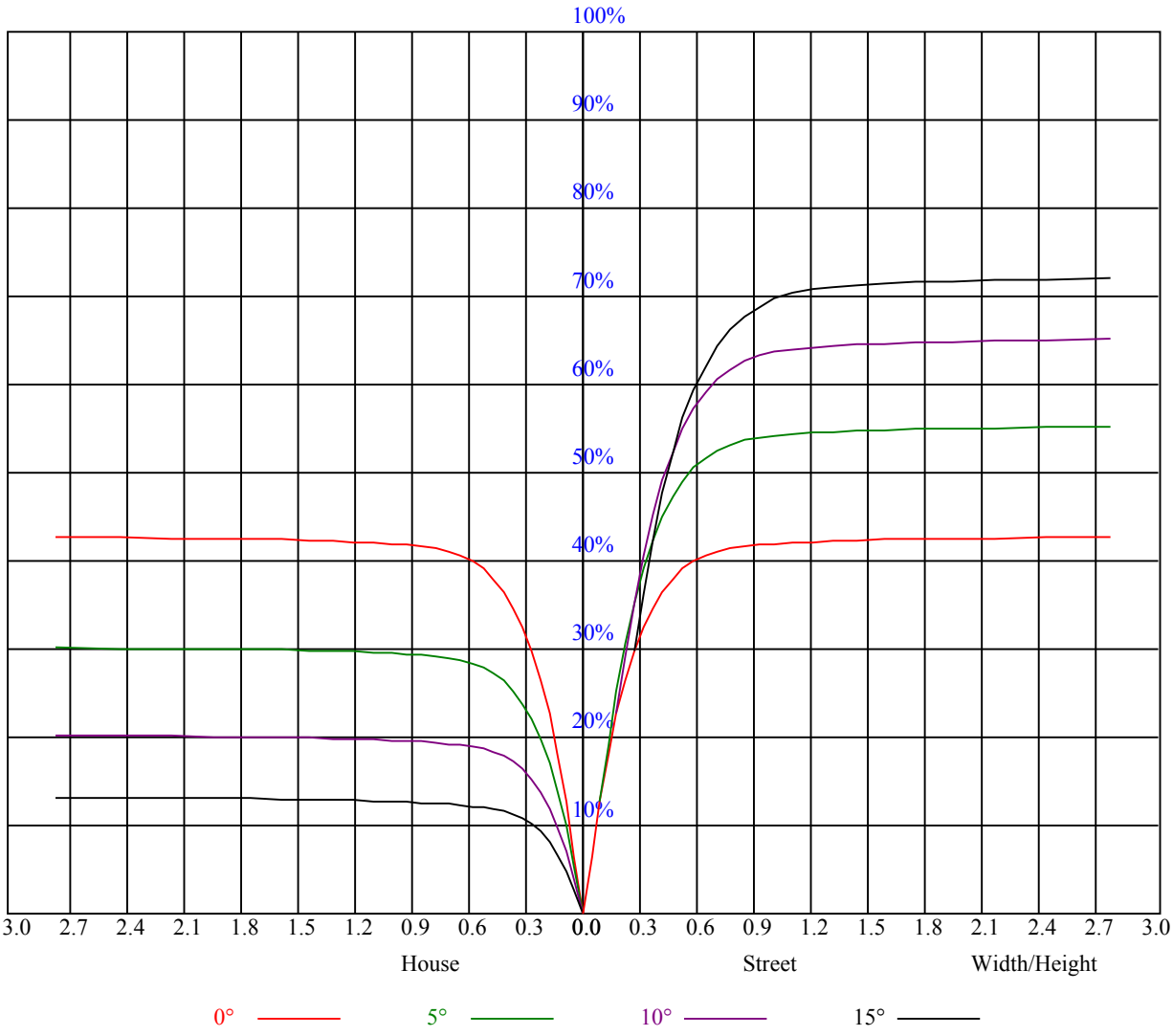


Equipment: GMS1980 Date: 2024/3/8 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

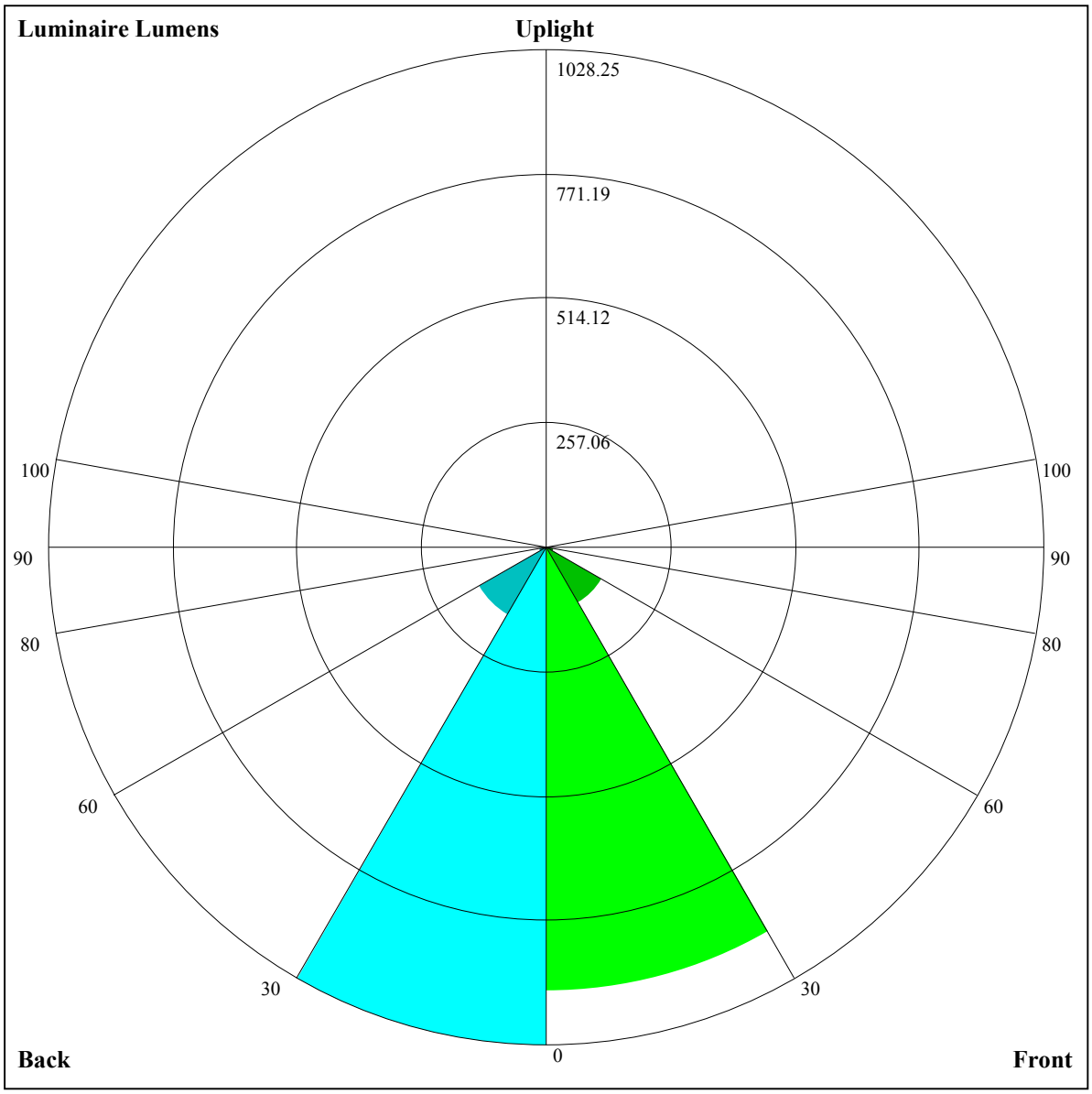
Utilization factor table for indoor luminaire

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	1.02	1.02	1.02	1.00	1.00	1.00	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.86
1	0.96	0.94	0.92	0.94	0.92	0.91	0.91	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.81
2	0.90	0.87	0.85	0.89	0.86	0.84	0.86	0.84	0.82	0.84	0.82	0.80	0.81	0.80	0.79	0.77
3	0.86	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.78	0.76	0.75	0.74
4	0.81	0.77	0.74	0.80	0.77	0.74	0.79	0.75	0.73	0.77	0.74	0.72	0.75	0.73	0.71	0.70
5	0.78	0.73	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.73	0.70	0.68	0.67
6	0.74	0.70	0.67	0.74	0.69	0.67	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	0.71	0.66	0.64	0.70	0.66	0.63	0.69	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	0.62	0.60	0.59
9	0.66	0.62	0.59	0.65	0.61	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.57
10	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.55

Coefficient Utilization Curve



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



Luminaire Lumens:
FL=916.89,FM=134.33,FH=16.1,FVH=5.53
BL=1028.25,BM=161.27,BH=17.24,BVH=5.64
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	8864.46	8528.54	7967.90	7406.08	6789.25	6062.40	5511.12	5007.83	4540.82
45.0	9116.69	8959.85	8709.96	8226.57	7733.22	7132.78	6511.86	5789.69	5262.40
90.0	9042.37	8861.54	8543.76	7971.41	7433.59	6839.00	6091.67	5533.95	5024.22
135.0	9164.10	9119.03	8975.07	8711.13	8218.37	7691.09	7115.81	6367.89	5805.49
180.0	8864.46	9114.94	9171.12	9139.52	9014.28	8691.82	8296.21	7795.84	7208.27
225.0	9116.69	9147.71	9051.73	8821.74	8407.40	7984.28	7445.88	6702.06	6122.10
270.0	9042.37	9136.59	9121.38	8966.29	8674.85	8302.65	7719.18	7159.70	6562.19
315.0	9164.10	9090.94	8831.69	8478.80	8029.93	7484.50	6715.52	6120.93	5568.47
360.0	8864.46	8528.54	7967.90	7406.08	6789.25	6062.40	5511.12	5007.83	4540.82

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4125.89	3661.81	3335.26	2970.66	2711.99	2479.07	2268.39	2045.42	1890.34
45.0	4771.40	4333.65	3852.59	3504.39	3116.38	2846.59	2597.29	2325.16	2137.89
90.0	4453.04	4055.67	3603.87	3276.15	2983.54	2721.35	2431.08	2232.11	2054.20
135.0	5271.77	4787.20	4237.09	3856.69	3500.87	3177.25	2823.77	2571.54	2349.15
180.0	6460.94	5882.74	5327.95	4819.39	4268.69	3871.32	3416.60	3098.82	2823.77
225.0	5566.13	4922.97	4465.33	4052.16	3675.86	3346.38	2984.12	2722.53	2483.75
270.0	5859.33	5339.07	4718.73	4267.52	3874.83	3538.33	3139.79	2855.37	2603.72
315.0	5056.40	4463.57	4048.65	3685.81	3371.54	3001.09	2743.01	2449.81	2243.23
360.0	4125.89	3661.81	3335.26	2970.66	2711.99	2479.07	2268.39	2045.42	1890.34

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1723.55	1598.89	1481.26	1272.92	1145.81	1145.81	1053.11	961.06	846.18
45.0	1970.51	1822.45	1650.39	1526.91	1415.13	1311.55	1190.99	1096.18	1003.13
90.0	1898.53	1723.55	1591.29	1472.48	1286.38	1158.57	1134.11	1015.13	922.43
135.0	2110.97	1949.44	1805.48	1641.61	1522.23	1411.62	1284.63	1186.31	1090.33
180.0	2573.88	2301.75	2113.89	1906.14	1762.17	1634.01	1514.62	1381.19	1285.80
225.0	2219.82	2040.74	1882.14	1712.43	1587.19	1449.08	1279.36	1159.92	1159.92
270.0	2386.02	2144.91	1972.27	1813.67	1680.82	1525.74	1419.81	1296.92	1202.70
315.0	2060.64	1864.00	1729.98	1605.92	1492.38	1292.24	1165.59	1165.59	1073.30
360.0	1723.55	1598.89	1481.26	1272.92	1145.81	1145.81	1053.11	961.06	846.18

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	754.82	663.65	572.70	464.84	390.70	319.01	274.00	235.85	196.52
45.0	909.50	794.79	704.67	590.55	505.11	424.35	345.34	295.01	295.01
90.0	829.61	714.33	623.50	534.49	450.21	362.96	310.23	266.80	221.80
135.0	996.70	882.58	792.45	701.74	611.03	499.84	420.84	356.46	295.01
180.0	1192.16	1100.87	989.09	899.55	810.60	694.14	601.08	486.97	407.38
225.0	1047.20	959.65	871.87	781.16	666.40	574.46	488.84	409.42	332.41
270.0	1113.16	1000.79	913.59	822.88	733.35	618.64	531.44	448.34	376.36
315.0	959.77	868.88	777.71	661.71	569.42	481.35	384.67	324.68	278.27
360.0	754.82	663.65	572.70	464.84	390.70	319.01	274.00	235.85	196.52

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	169.89	146.42	121.79	105.87	92.41	80.06	66.72	58.76	52.44
45.0	244.39	176.62	151.92	130.74	113.01	94.46	81.87	70.34	59.58
90.0	191.54	165.15	141.98	118.68	102.47	88.13	73.15	63.61	55.89
135.0	295.01	209.04	179.90	155.32	134.54	112.77	97.09	83.80	72.51
180.0	344.17	305.55	305.55	205.00	176.04	150.87	124.24	107.27	93.40
225.0	285.18	245.91	204.13	175.86	145.72	125.65	108.73	95.16	81.17
270.0	309.06	297.35	297.35	189.20	162.87	141.21	117.98	103.29	90.77
315.0	230.46	198.68	171.71	147.89	122.84	106.45	92.58	80.82	68.18
360.0	169.89	146.42	121.79	105.87	92.41	80.06	66.72	58.76	52.44

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	47.64	43.31	41.14	39.03	37.51	37.40	36.58	36.23	36.40
45.0	53.26	48.11	43.01	40.61	38.45	37.22	36.75	36.40	35.93
90.0	48.98	44.71	41.43	39.33	37.51	36.69	36.34	35.82	35.87
135.0	61.57	54.95	49.57	45.30	41.96	40.03	38.62	38.22	37.63
180.0	81.93	69.47	61.16	54.78	48.52	44.65	41.55	39.50	37.92
225.0	71.63	64.20	55.60	50.39	46.70	44.18	41.38	40.26	39.68
270.0	77.43	68.35	60.80	53.55	49.16	46.23	43.31	40.85	40.32
315.0	60.22	52.85	47.81	44.24	41.67	39.62	38.33	37.63	36.75
360.0	47.64	43.31	41.14	39.03	37.51	37.40	36.58	36.23	36.40

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	36.23	35.11	34.18	32.54	30.20	27.33	25.34	22.71	19.90
45.0	36.23	36.17	35.52	34.47	33.12	30.78	27.74	25.93	23.41
90.0	35.76	35.46	34.35	33.42	31.02	28.68	26.57	23.82	21.30
135.0	37.04	37.04	36.75	35.64	34.41	33.01	30.67	27.56	25.57
180.0	37.69	37.10	36.11	36.05	35.82	34.76	33.59	32.48	29.61
225.0	38.39	37.92	37.75	37.04	35.87	34.65	32.71	29.67	27.39
270.0	39.44	38.33	37.81	37.40	36.11	34.88	33.30	30.26	27.80
315.0	36.23	36.28	35.82	34.82	33.77	31.95	29.09	26.80	24.76
360.0	36.23	35.11	34.18	32.54	30.20	27.33	25.34	22.71	19.90

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	18.49	17.21	16.27	15.39	14.86	14.28	13.81	13.46	13.17
45.0	20.31	18.79	17.50	16.21	15.57	14.92	14.40	13.87	13.40
90.0	19.49	18.08	16.62	15.86	15.22	14.69	14.10	13.69	13.34
135.0	23.00	20.66	18.67	17.32	16.39	15.45	14.92	14.28	13.87
180.0	27.21	25.40	22.36	20.01	18.49	16.91	16.04	15.39	14.75
225.0	25.22	22.53	19.84	18.38	17.15	16.09	15.45	14.81	14.34
270.0	25.75	23.29	20.78	18.73	17.44	16.50	15.63	15.10	14.63
315.0	21.54	19.37	17.62	16.56	15.80	15.16	14.63	14.22	13.75
360.0	18.49	17.21	16.27	15.39	14.86	14.28	13.81	13.46	13.17

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.87	12.58	12.41	12.17	11.88	11.65	11.41	11.06	10.83
45.0	13.17	12.87	12.58	12.35	12.11	11.88	11.65	11.29	11.06
90.0	12.99	12.76	12.58	12.29	12.11	11.88	11.53	11.29	11.00
135.0	13.52	13.23	12.93	12.70	12.47	12.23	11.94	11.70	11.47
180.0	14.28	13.93	13.52	13.17	12.87	12.64	12.41	12.17	11.94
225.0	13.93	13.52	13.23	12.93	12.64	12.35	12.17	11.88	11.59
270.0	14.10	13.75	13.40	13.05	12.82	12.58	12.35	12.06	11.82
315.0	13.46	13.05	12.82	12.58	12.35	12.11	11.88	11.53	11.35
360.0	12.87	12.58	12.41	12.17	11.88	11.65	11.41	11.06	10.83

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.65	10.36	10.12	10.01	9.83	9.60	9.48	9.48	9.48
45.0	10.83	10.59	10.30	10.12	9.95	9.77	9.60	9.48	9.42
90.0	10.71	10.48	10.30	10.07	9.89	9.77	9.60	9.42	9.48
135.0	11.12	10.89	10.59	10.42	10.18	10.01	9.83	9.66	9.54
180.0	11.70	11.35	11.06	10.83	10.48	10.30	10.07	9.89	9.77
225.0	11.29	11.00	10.71	10.48	10.30	10.07	9.89	9.71	9.54
270.0	11.53	11.12	10.89	10.59	10.36	10.12	9.95	9.77	9.60
315.0	11.06	10.83	10.53	10.36	10.12	9.95	9.77	9.60	9.48
360.0	10.65	10.36	10.12	10.01	9.83	9.60	9.48	9.48	9.48

Intensity data(cd)

C/γ(°)	90.0
0.0	9.42
45.0	9.42
90.0	9.42
135.0	9.48
180.0	9.54
225.0	9.48
270.0	9.48
315.0	9.48
360.0	9.42