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

NT

Client:
LumCAT: 1-1306-L
Luminaire: 92.70.428.00
Report No: 2024619-B020
Ballast type: AC
Test No: 2024719-C020
LampCAT: CREE CXA1512 LES8.9
Lamp flux(lm): 1079.0
Number of Lamps: 1
Length(mm): 0
Phm Type: C

Voltage(V): 0.000
Current(A): 0.000
Power (W): 0.000
PF: 0.000
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 987.39, Efficiency(%): 91.51% , Luminous Efficacy(lm/W): 0.00
Central intensity(cd): 1534.226, Maximum intensity(cd): 1534.226
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=50.0
[C90/270]Total=50.0
Field angle(10%Imax): [C0/180]Total=70.2
[C90/270]Total=70.2
Maximum s/h(1/2): C0_180=0.80 C90_270=0.80
Maximum s/h(1/4): C0_180=0.75 C90_270=0.75
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 91.51%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.991%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1534.226	0.000	0	0.00%	0.00%
1.0	1525.960	1.464	1.464	0.14%	0.15%
2.0	1519.156	4.371	5.835	0.41%	0.59%
3.0	1511.841	7.249	13.084	0.67%	1.33%
4.0	1507.891	10.108	23.192	0.94%	2.35%
5.0	1500.795	12.943	36.135	1.20%	3.66%
6.0	1488.359	15.709	51.844	1.46%	5.25%
7.0	1472.485	18.378	70.222	1.70%	7.11%
8.0	1455.513	20.955	91.177	1.94%	9.23%
9.0	1437.371	23.445	114.622	2.17%	11.61%
10.0	1417.254	25.833	140.456	2.39%	14.22%
11.0	1393.187	28.082	168.538	2.60%	17.07%
12.0	1365.535	30.157	198.694	2.79%	20.12%
13.0	1332.177	32.015	230.71	2.97%	23.37%
14.0	1289.434	33.556	264.266	3.11%	26.76%
15.0	1241.116	34.741	299.006	3.22%	30.28%
16.0	1203.998	35.828	334.834	3.32%	33.91%
17.0	1177.165	37.081	371.915	3.44%	37.67%
18.0	1136.405	38.146	410.061	3.54%	41.53%
19.0	1096.251	38.844	448.905	3.60%	45.46%
20.0	1045.066	39.192	488.097	3.63%	49.43%
21.0	995.292	39.179	527.276	3.63%	53.40%
22.0	941.495	38.921	566.196	3.61%	57.34%
23.0	888.167	38.391	604.588	3.56%	61.23%
24.0	826.543	37.490	642.077	3.47%	65.03%
25.0	764.545	36.178	678.255	3.35%	68.69%
26.0	703.528	34.654	712.909	3.21%	72.20%
27.0	631.319	32.657	745.566	3.03%	75.51%
28.0	563.813	30.258	775.825	2.80%	78.57%
29.0	489.650	27.562	803.386	2.55%	81.36%
30.0	419.006	24.534	827.92	2.27%	83.85%
31.0	348.004	21.345	849.265	1.98%	86.01%
32.0	292.349	18.345	867.61	1.70%	87.87%
33.0	250.315	15.987	883.597	1.48%	89.49%
34.0	203.110	13.722	897.319	1.27%	90.88%
35.0	156.211	11.159	908.478	1.03%	92.01%
36.0	113.080	8.574	917.053	0.79%	92.88%
37.0	88.786	6.584	923.636	0.61%	93.54%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	70.066	5.302	928.939	0.49%	94.08%
39.0	56.474	4.319	933.258	0.40%	94.52%
40.0	46.255	3.583	936.841	0.33%	94.88%
41.0	39.137	3.041	939.881	0.28%	95.19%
42.0	34.163	2.663	942.544	0.25%	95.46%
43.0	29.905	2.373	944.918	0.22%	95.70%
44.0	26.635	2.134	947.052	0.20%	95.91%
45.0	24.031	1.947	948.999	0.18%	96.11%
46.0	21.851	1.794	950.793	0.17%	96.29%
47.0	19.985	1.664	952.457	0.15%	96.46%
48.0	18.383	1.551	954.008	0.14%	96.62%
49.0	17.030	1.454	955.462	0.13%	96.77%
50.0	15.860	1.371	956.834	0.13%	96.91%
51.0	14.755	1.295	958.129	0.12%	97.04%
52.0	13.921	1.231	959.359	0.11%	97.16%
53.0	13.058	1.174	960.533	0.11%	97.28%
54.0	12.370	1.121	961.654	0.10%	97.39%
55.0	11.734	1.076	962.73	0.10%	97.50%
56.0	11.170	1.035	963.765	0.10%	97.61%
57.0	10.571	0.994	964.759	0.09%	97.71%
58.0	10.146	0.958	965.717	0.09%	97.80%
59.0	9.751	0.930	966.647	0.09%	97.90%
60.0	9.378	0.904	967.551	0.08%	97.99%
61.0	9.064	0.880	968.431	0.08%	98.08%
62.0	8.778	0.860	969.291	0.08%	98.17%
63.0	8.515	0.841	970.132	0.08%	98.25%
64.0	8.266	0.823	970.955	0.08%	98.34%
65.0	8.054	0.808	971.763	0.07%	98.42%
66.0	7.842	0.793	972.556	0.07%	98.50%
67.0	7.623	0.778	973.333	0.07%	98.58%
68.0	7.418	0.762	974.095	0.07%	98.65%
69.0	7.228	0.747	974.842	0.07%	98.73%
70.0	7.052	0.733	975.576	0.07%	98.80%
71.0	6.884	0.720	976.296	0.07%	98.88%
72.0	6.715	0.707	977.003	0.07%	98.95%
73.0	6.540	0.693	977.696	0.06%	99.02%
74.0	6.364	0.678	978.375	0.06%	99.09%
75.0	6.196	0.664	979.038	0.06%	99.15%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.042	0.650	979.688	0.06%	99.22%
77.0	5.882	0.636	980.324	0.06%	99.28%
78.0	5.735	0.622	980.946	0.06%	99.35%
79.0	5.574	0.608	981.553	0.06%	99.41%
80.0	5.421	0.593	982.146	0.05%	99.47%
81.0	5.282	0.579	982.725	0.05%	99.53%
82.0	5.157	0.566	983.291	0.05%	99.58%
83.0	5.011	0.553	983.844	0.05%	99.64%
84.0	4.901	0.540	984.384	0.05%	99.70%
85.0	4.777	0.528	984.912	0.05%	99.75%
86.0	4.645	0.515	985.427	0.05%	99.80%
87.0	4.557	0.504	985.931	0.05%	99.85%
88.0	4.477	0.495	986.426	0.05%	99.90%
89.0	4.397	0.486	986.912	0.05%	99.95%
90.0	4.331	0.478	987.39	0.04%	100.00%

Zonal flux distribution table

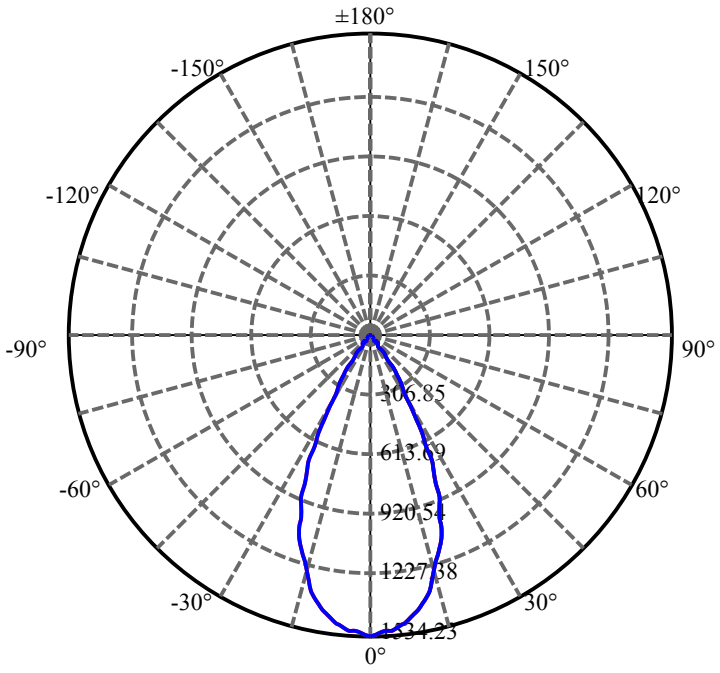
ZONAL LUMEN SUMMARY

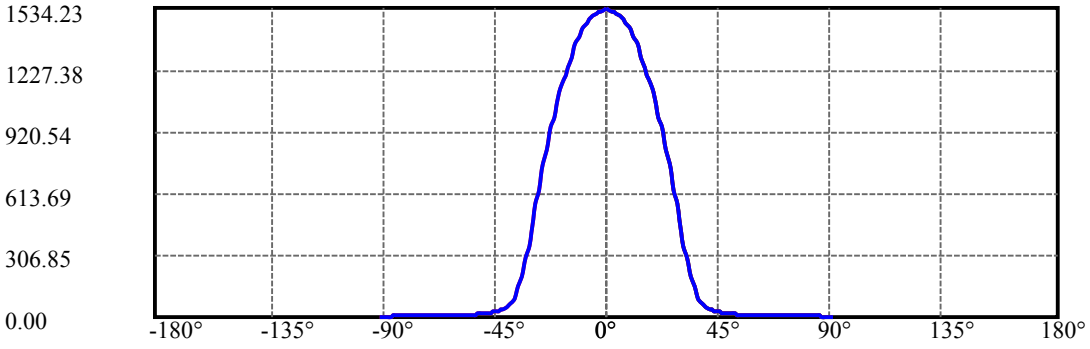
Zone	Lumens	%Lamp	%Fixt
0-30	827.92	76.73%	83.85%
0-40	936.84	86.82%	94.88%
0-60	967.55	89.67%	97.99%
0-90	986.91	91.47%	99.95%
0-120	986.91	91.47%	99.95%
0-180	987.39	91.51%	100.00%
60-90	19.36	1.79%	1.96%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-28.51	789.91	73.21%	80.00%

ZONAL LUMEN SUMMARY

0-10	140.46
10-20	347.64
20-30	339.82
30-40	108.92
40-50	19.99
50-60	10.72
60-70	8.03
70-80	6.57
80-90	4.77
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):

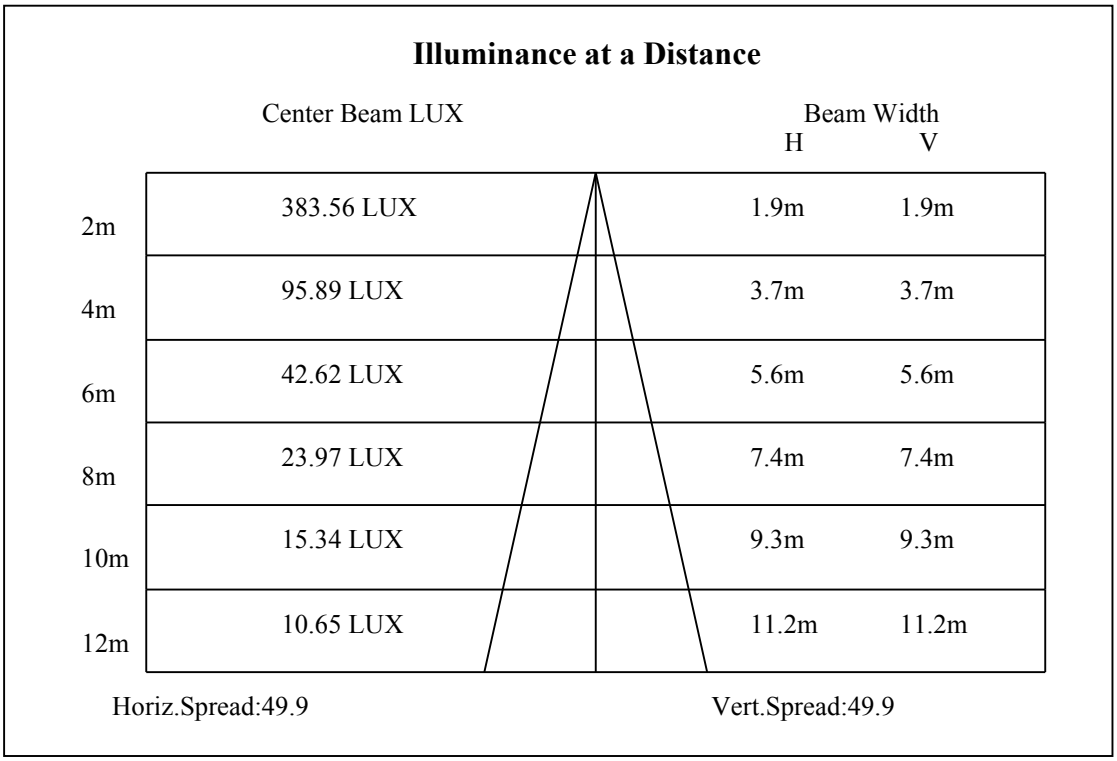
C0/C180:

C90/C270:

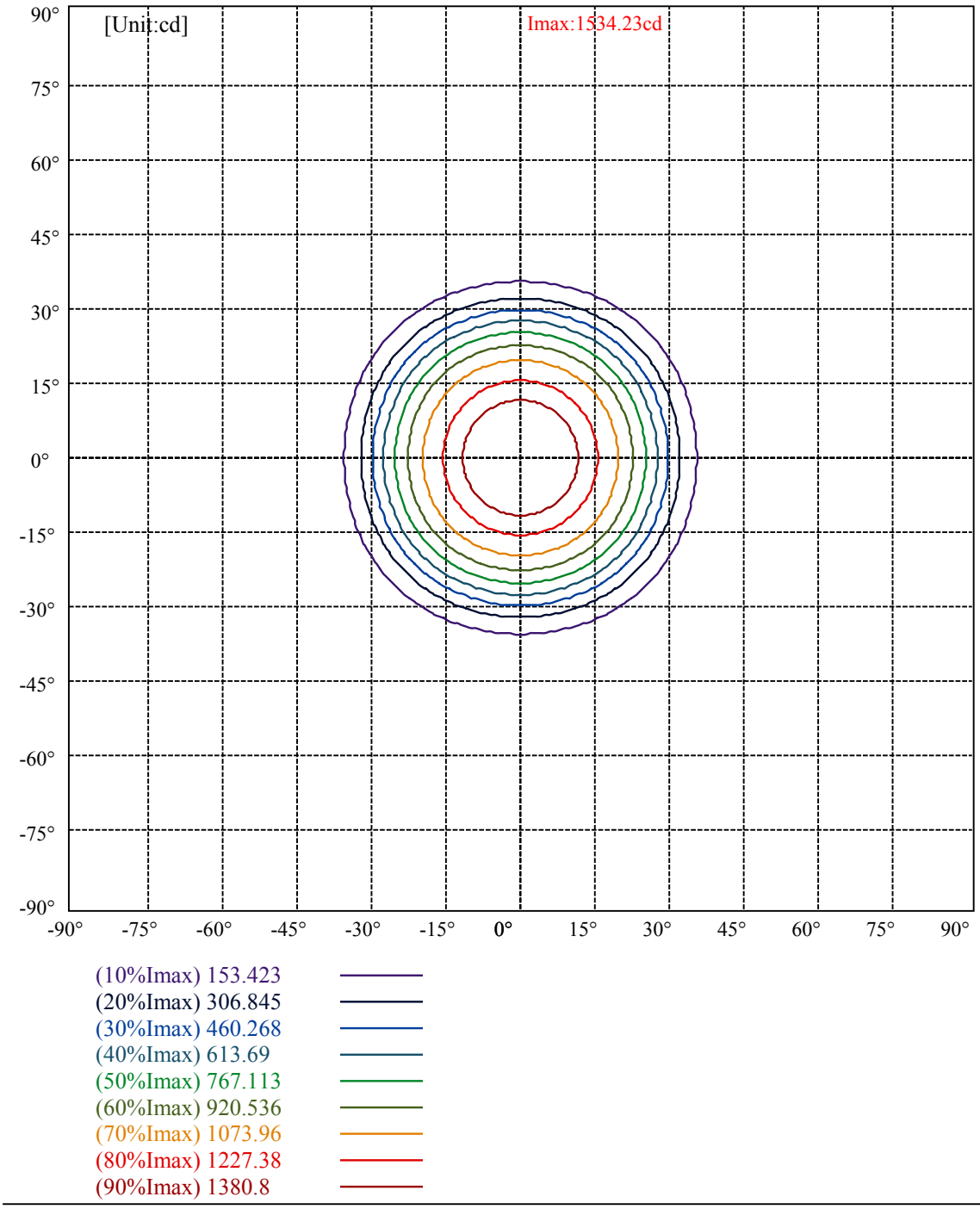
Field angle(10%Imax):C0/180Left:35.1 Right:35.1
:C90/270Left:35.1 Right:35.1

Beam Angle(50%Imax):C0/180Left:25.0 Right:25.0
:C90/270Left:25.0 Right:25.0

Lux distance Curve



ISO-Intensity(V-H)



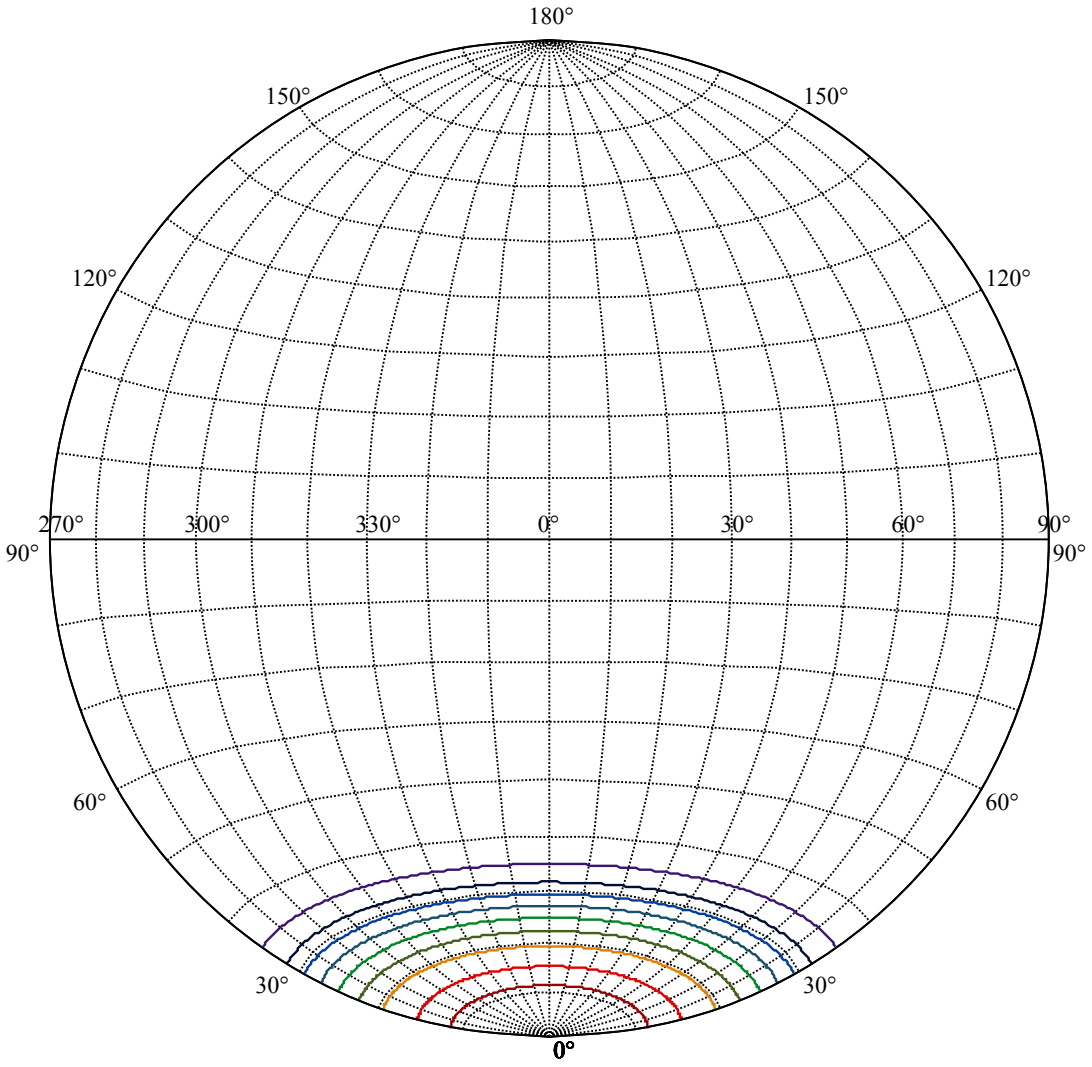
(10%Imax) 153.423
(20%Imax) 306.845
(30%Imax) 460.268
(40%Imax) 613.69
(50%Imax) 767.113
(60%Imax) 920.536
(70%Imax) 1073.96
(80%Imax) 1227.38
(90%Imax) 1380.8

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/19
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

ISO candela diagram on circular web



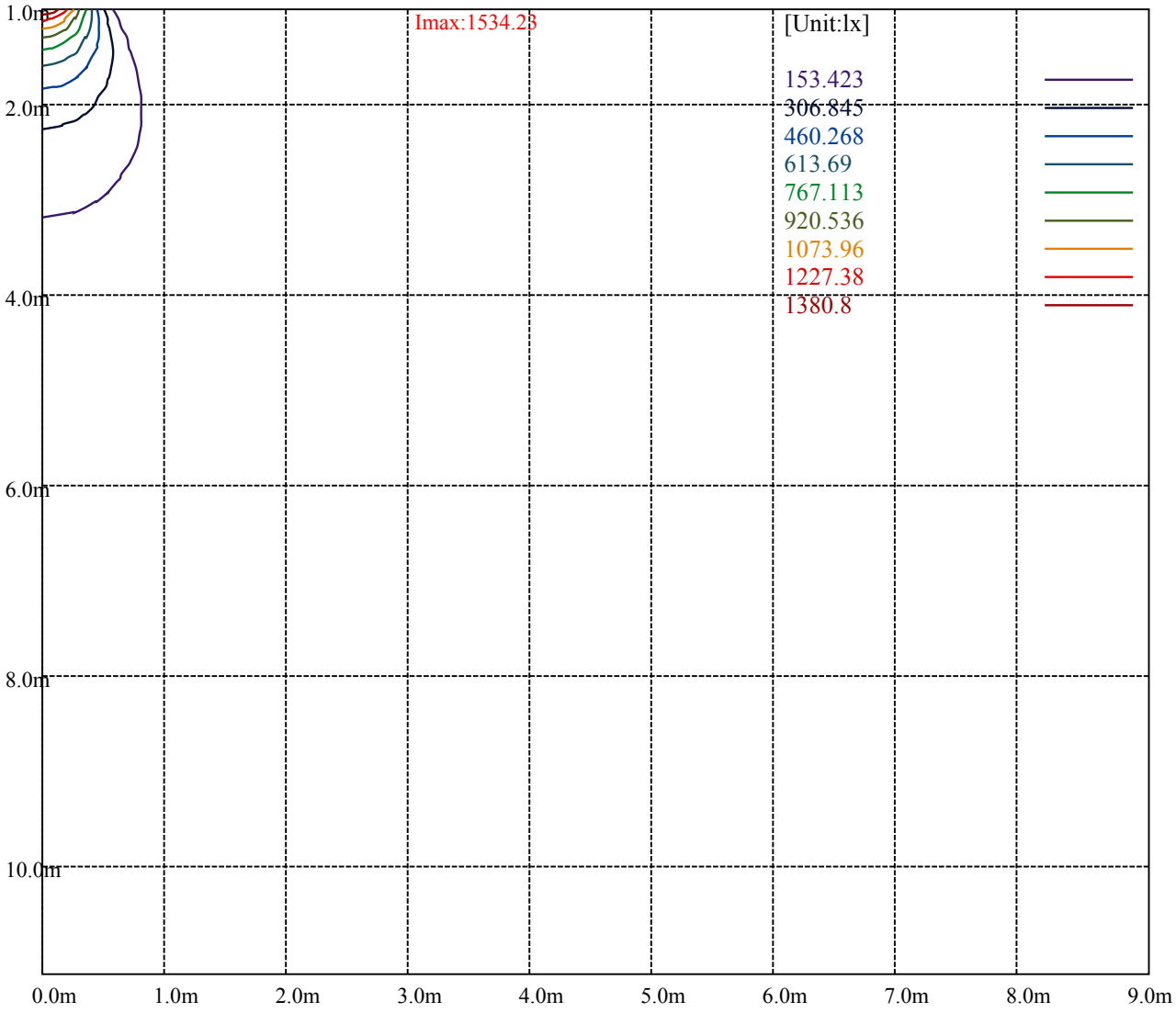
House [Unit:cd] Road

Imax:1534.23

(10%Imax) 153.423
(20%Imax) 306.845
(30%Imax) 460.268
(40%Imax) 613.69
(50%Imax) 767.113
(60%Imax) 920.536
(70%Imax) 1073.96
(80%Imax) 1227.38
(90%Imax) 1380.8

Equipment: GMS1980	Date: 2024/7/19	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/19
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

NT 1-1306-L

Luminance Limitting Curve(no luminous side)

Luminance Table

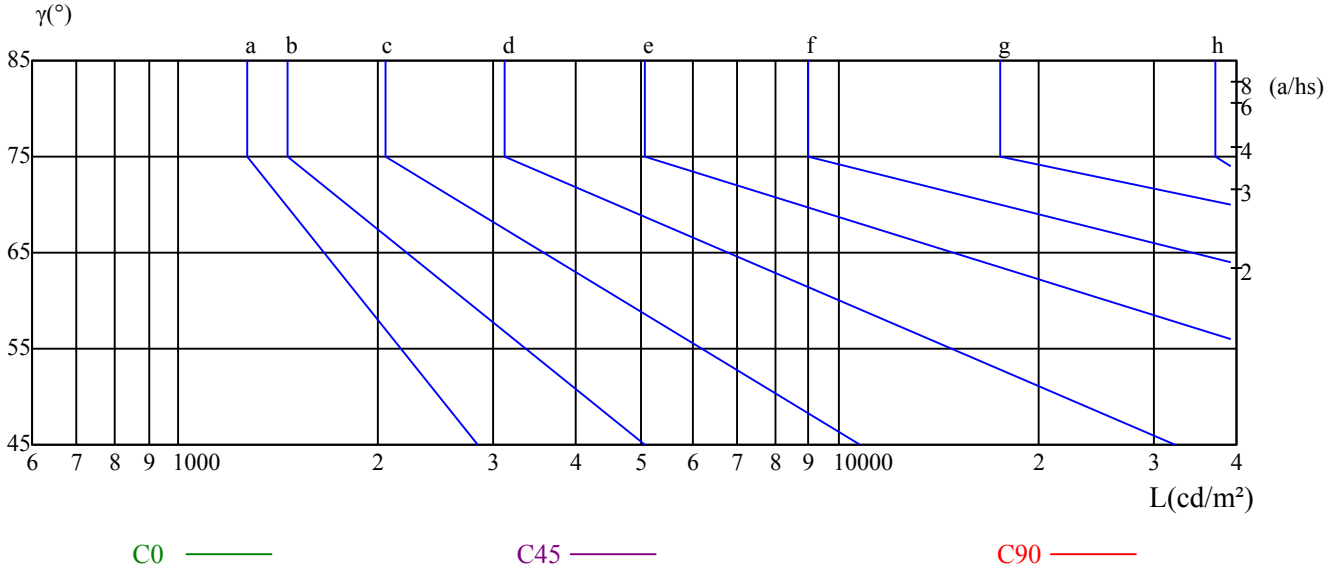
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

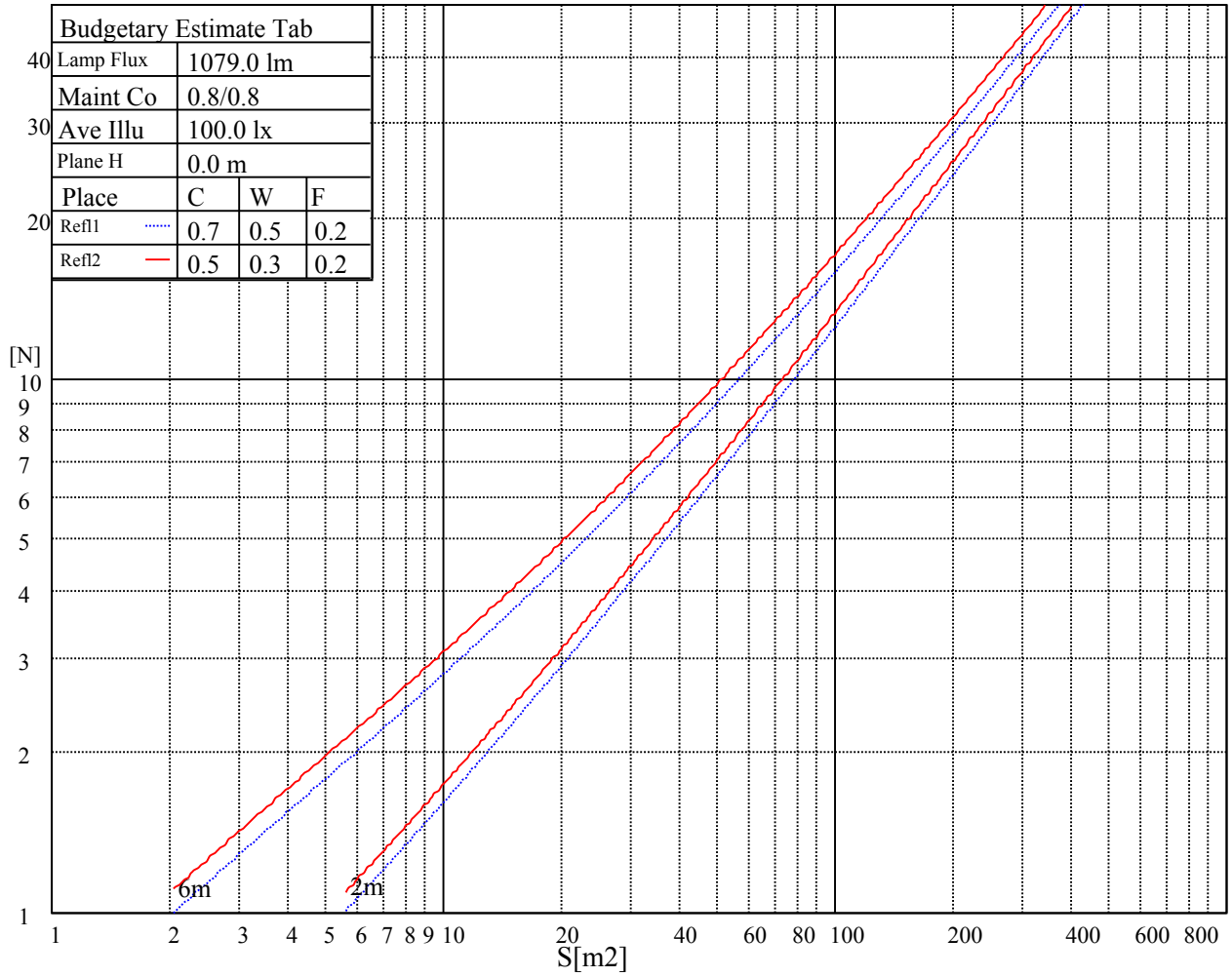
Date: 2024/7/19
Humidity(%): 60.0%

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

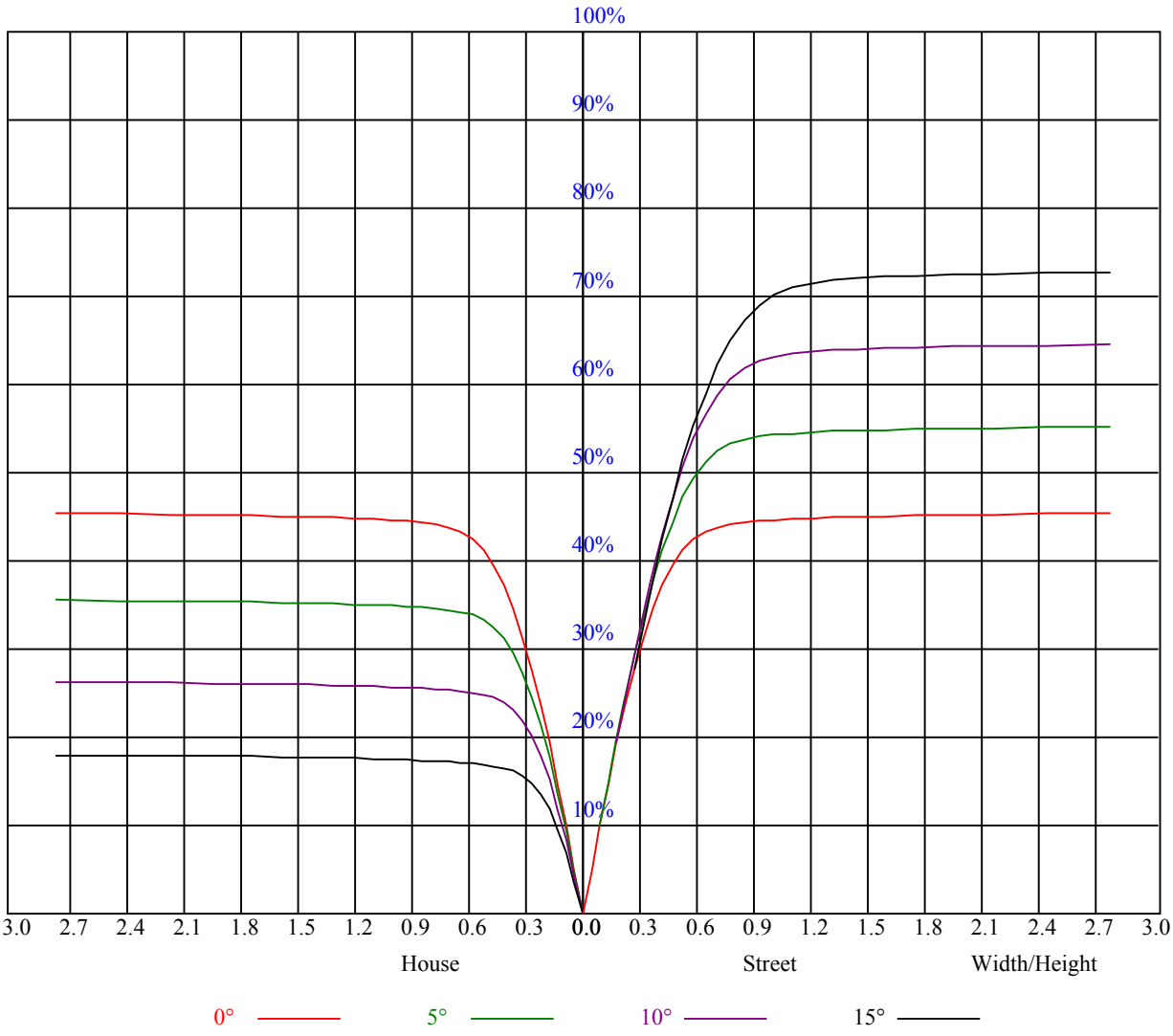


Equipment: GMS1980 Date: 2024/7/19 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.65

Utilization factor table for indoor luminaire

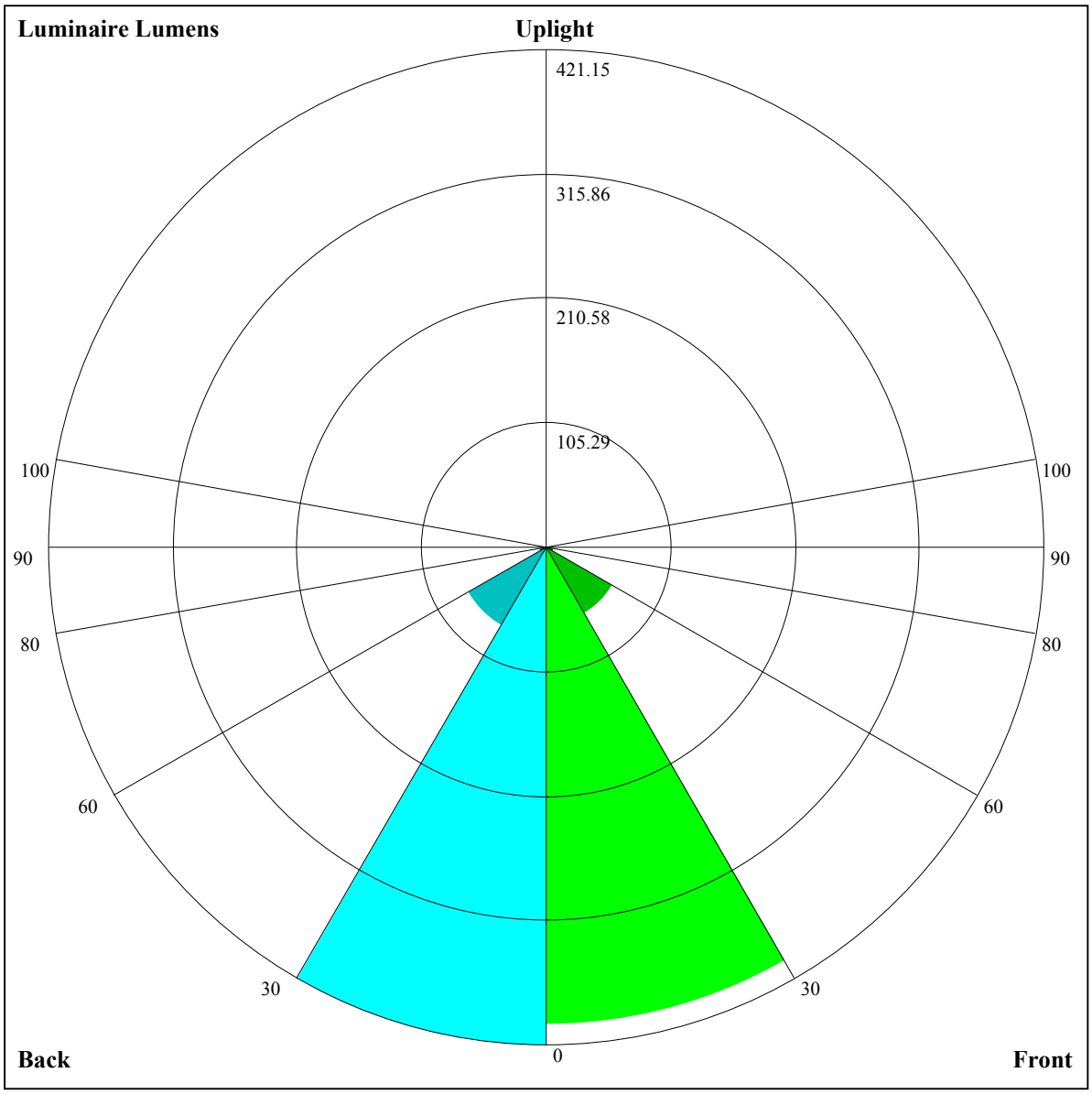
RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.09	1.09	1.09	1.06	1.06	1.06	1.02	1.02	1.02	0.97	0.97	0.97	0.93	0.93	0.93	0.92
1	1.02	0.99	0.97	1.00	0.98	0.96	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86
2	0.95	0.92	0.89	0.93	0.90	0.88	0.91	0.88	0.86	0.88	0.86	0.84	0.85	0.84	0.82	0.81
3	0.89	0.85	0.82	0.88	0.84	0.81	0.86	0.82	0.80	0.83	0.81	0.78	0.81	0.79	0.77	0.76
4	0.84	0.79	0.76	0.83	0.79	0.75	0.81	0.77	0.75	0.79	0.76	0.74	0.78	0.75	0.73	0.72
5	0.80	0.75	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.69	0.74	0.71	0.69	0.68
6	0.75	0.70	0.67	0.75	0.70	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.64
7	0.72	0.66	0.63	0.71	0.66	0.63	0.70	0.66	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.61
8	0.68	0.63	0.60	0.68	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.58
9	0.65	0.60	0.57	0.64	0.60	0.56	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.55
10	0.62	0.57	0.54	0.61	0.57	0.54	0.61	0.56	0.54	0.60	0.56	0.53	0.59	0.56	0.53	0.52

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2024/7/19	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.65

LCS Graph



Luminaire Lumens:
FL=404.45,FM=64.16,FH=7.16,FVH=2.57
BL=421.15,BM=77.13,BH=7.4,BVH=2.66
UL=0,UH=0

BUG Rating:B1-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	1526.91	1508.18	1509.94	1507.01	1502.92	1497.65	1477.75	1456.68	1446.15
45.0	1532.76	1530.42	1519.89	1515.79	1521.06	1516.38	1505.84	1497.06	1478.92
90.0	1539.20	1530.42	1527.50	1528.08	1528.67	1522.81	1511.69	1495.89	1477.17
135.0	1538.03	1542.13	1538.62	1523.40	1521.64	1522.23	1512.28	1501.16	1481.26
180.0	1526.91	1531.01	1518.72	1503.50	1495.89	1492.38	1478.92	1469.56	1457.27
225.0	1532.76	1512.87	1505.26	1501.75	1493.55	1477.75	1466.05	1446.73	1426.25
270.0	1539.20	1536.27	1518.72	1504.67	1501.75	1491.80	1482.43	1470.73	1452.00
315.0	1538.03	1516.38	1514.62	1510.52	1497.65	1485.36	1471.90	1442.05	1425.08
360.0	1526.91	1508.18	1509.94	1507.01	1502.92	1497.65	1477.75	1456.68	1446.15

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1430.35	1408.11	1381.77	1354.27	1310.38	1273.51	1164.48	1164.48	1145.34
45.0	1459.61	1439.71	1429.18	1401.67	1375.34	1348.42	1314.47	1268.24	1226.69
90.0	1464.29	1444.39	1415.13	1386.46	1354.85	1315.06	1281.12	1164.48	1164.48
135.0	1462.54	1447.32	1431.52	1404.01	1372.41	1347.25	1310.96	1268.83	1234.88
180.0	1439.13	1423.91	1401.67	1384.70	1355.44	1326.18	1292.82	1260.05	1217.91
225.0	1406.94	1388.80	1364.80	1331.45	1297.50	1258.29	1161.61	1161.61	1154.94
270.0	1430.93	1411.04	1377.68	1351.93	1320.33	1284.63	1241.32	1202.70	1167.58
315.0	1405.18	1374.75	1343.74	1309.79	1271.17	1162.14	1162.14	1141.60	1105.49
360.0	1430.35	1408.11	1381.77	1354.27	1310.38	1273.51	1164.48	1164.48	1145.34

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1102.68	1055.39	1003.89	939.75	883.98	829.03	753.83	696.48	634.09
45.0	1184.55	1145.34	1089.75	1043.51	980.90	925.30	867.95	791.87	728.08
90.0	1141.66	1097.59	1041.06	990.49	938.41	868.01	808.02	748.68	687.81
135.0	1200.94	1167.58	1107.89	1065.75	1020.69	973.29	905.99	852.73	798.89
180.0	1179.29	1144.76	1104.38	1051.12	1004.30	958.07	903.65	837.52	779.58
225.0	1107.01	1064.99	1022.27	977.91	918.74	868.59	817.85	763.54	691.27
270.0	1119.01	1082.14	1028.88	979.73	936.42	889.60	819.96	764.36	705.84
315.0	1056.10	1012.21	962.40	914.06	848.52	793.45	735.10	661.19	602.66
360.0	1102.68	1055.39	1003.89	939.75	883.98	829.03	753.83	696.48	634.09

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	549.76	479.42	413.52	334.51	277.16	228.41	184.46	138.17	108.38
45.0	662.53	594.65	505.69	439.56	373.43	311.40	296.77	233.04	155.79
90.0	608.34	541.51	473.27	407.84	329.48	272.95	224.26	171.35	136.18
135.0	726.32	664.87	581.77	515.64	449.51	385.14	309.06	295.01	295.01
180.0	708.18	650.83	586.45	496.91	430.78	365.82	304.96	304.96	187.04
225.0	628.30	558.42	469.94	402.34	320.18	262.36	212.09	169.95	126.06
270.0	643.81	565.39	498.67	428.44	345.34	302.62	302.62	178.38	140.51
315.0	523.31	455.42	387.89	326.79	258.14	210.10	168.31	134.02	100.72
360.0	549.76	479.42	413.52	334.51	277.16	228.41	184.46	138.17	108.38

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	85.33	68.24	52.85	44.18	36.87	32.36	28.68	24.93	22.59
45.0	115.58	90.36	71.22	54.07	44.77	36.93	32.25	28.50	25.52
90.0	101.71	81.23	65.08	53.08	42.49	36.64	31.95	28.32	24.76
135.0	165.44	125.47	99.49	79.24	61.21	51.44	44.30	37.63	33.53
180.0	150.75	116.34	87.90	69.70	56.65	45.47	39.44	33.83	30.08
225.0	99.31	78.83	63.73	50.68	43.37	37.81	32.54	29.03	26.28
270.0	106.10	84.45	68.41	56.71	46.41	40.03	35.35	31.72	27.45
315.0	80.41	65.37	51.85	44.13	38.27	32.42	28.79	25.28	22.88
360.0	85.33	68.24	52.85	44.18	36.87	32.36	28.68	24.93	22.59

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	20.60	18.43	17.03	15.80	14.81	13.69	12.99	12.35	11.82
45.0	22.59	20.60	18.96	17.50	15.98	14.98	14.05	13.28	12.35
90.0	22.36	20.42	18.38	17.03	15.80	14.63	13.75	12.99	12.11
135.0	30.20	26.98	24.87	23.06	21.07	19.61	18.26	17.15	15.86
180.0	27.10	24.76	22.12	20.42	18.90	17.44	16.04	15.04	14.16
225.0	23.47	21.48	19.78	17.85	16.62	15.45	14.22	13.46	12.64
270.0	24.99	22.82	20.83	18.96	17.56	16.44	15.10	14.10	13.11
315.0	20.95	19.31	17.91	16.44	15.51	14.63	13.64	12.99	12.41
360.0	20.60	18.43	17.03	15.80	14.81	13.69	12.99	12.35	11.82

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	11.18	10.77	10.42	9.95	9.66	9.31	9.07	8.78	8.60
45.0	11.70	11.00	10.48	10.01	9.54	9.25	8.95	8.72	8.37
90.0	11.53	11.00	10.53	10.01	9.66	9.36	9.01	8.72	8.49
135.0	14.98	14.16	13.34	12.41	11.76	11.24	10.53	10.07	9.60
180.0	13.40	12.58	11.94	11.18	10.71	10.30	9.89	9.60	9.31
225.0	11.94	11.18	10.59	10.12	9.71	9.25	8.95	8.66	8.43
270.0	12.47	11.82	11.18	10.48	10.07	9.66	9.36	9.01	8.72
315.0	11.76	11.35	10.89	10.42	10.07	9.66	9.25	8.95	8.72
360.0	11.18	10.77	10.42	9.95	9.66	9.31	9.07	8.78	8.60

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.31	8.13	7.96	7.78	7.55	7.37	7.20	7.02	6.85
45.0	8.19	7.96	7.78	7.61	7.43	7.20	7.02	6.91	6.79
90.0	8.19	8.02	7.84	7.61	7.43	7.26	7.02	6.91	6.73
135.0	9.31	9.01	8.72	8.43	8.13	7.90	7.67	7.43	7.26
180.0	9.01	8.78	8.54	8.31	8.08	7.90	7.72	7.55	7.32
225.0	8.19	7.90	7.72	7.55	7.32	7.14	6.96	6.79	6.67
270.0	8.49	8.19	7.96	7.78	7.55	7.37	7.20	6.96	6.79
315.0	8.43	8.13	7.90	7.67	7.49	7.20	7.02	6.85	6.67
360.0	8.31	8.13	7.96	7.78	7.55	7.37	7.20	7.02	6.85

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.67	6.50	6.32	6.14	5.97	5.85	5.68	5.56	5.38
45.0	6.55	6.44	6.26	6.09	5.97	5.79	5.68	5.44	5.33
90.0	6.61	6.44	6.26	6.09	5.97	5.79	5.62	5.50	5.27
135.0	7.08	6.91	6.67	6.50	6.32	6.14	5.97	5.79	5.68
180.0	7.20	7.02	6.79	6.67	6.50	6.38	6.20	6.09	5.91
225.0	6.50	6.32	6.14	5.97	5.85	5.68	5.56	5.38	5.27
270.0	6.61	6.44	6.32	6.14	5.97	5.79	5.68	5.50	5.33
315.0	6.50	6.26	6.14	5.97	5.79	5.62	5.50	5.33	5.21
360.0	6.67	6.50	6.32	6.14	5.97	5.85	5.68	5.56	5.38

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.21	5.09	4.92	4.80	4.74	4.56	4.51	4.39	4.27
45.0	5.21	5.09	4.92	4.80	4.68	4.62	4.45	4.39	4.33
90.0	5.15	5.03	4.97	4.80	4.68	4.56	4.51	4.39	4.33
135.0	5.50	5.38	5.21	5.09	4.97	4.80	4.68	4.56	4.51
180.0	5.79	5.68	5.50	5.44	5.27	5.15	5.03	4.97	4.86
225.0	5.15	5.03	4.86	4.80	4.62	4.51	4.45	4.39	4.33
270.0	5.21	5.03	4.92	4.80	4.68	4.51	4.45	4.39	4.27
315.0	5.03	4.92	4.80	4.68	4.56	4.45	4.39	4.33	4.27
360.0	5.21	5.09	4.92	4.80	4.74	4.56	4.51	4.39	4.27

Intensity data(cd)

C/γ(°)	90.0
0.0	4.27
45.0	4.27
90.0	4.27
135.0	4.45
180.0	4.56
225.0	4.27
270.0	4.27
315.0	4.27
360.0	4.27