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

NT

Client:
LumCAT: 1-1384-L
Luminaire: 92.70.427.00
Report No: 20231113-B005
Ballast type: AC

Test No: 20231113-C005	Voltage(V): 34.510
LampCAT: Fortimo_SLM_C_1203	Current(A): 0.216
Lamp flux(lm): 1241.8	Power (W): 7.454
Number of Lamps: 1	PF: 0.000
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1106.10, Efficiency(%): 89.07% , Luminous Efficacy(lm/W): 148.39
Central intensity(cd): 1761.490, Maximum intensity(cd): 1761.490
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=49.4
[C90/270]Total=49.4
Field angle(10%Imax): [C0/180]Total=68.8
[C90/270]Total=68.8
Beam angle of C0 plane : 49.35
Aveage BeamAngle(IEC 61341):49.35
Maximum s/h(1/2): C0_180=0.79 C90_270=0.79
Maximum s/h(1/4): C0_180=0.74 C90_270=0.74
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 89.07%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.914%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1761.490	0.000	0	0.00%	0.00%
1.0	1758.515	1.684	1.684	0.14%	0.15%
2.0	1755.816	5.044	6.728	0.41%	0.61%
3.0	1751.042	8.387	15.116	0.68%	1.37%
4.0	1743.777	11.698	26.814	0.94%	2.42%
5.0	1735.958	14.970	41.784	1.21%	3.78%
6.0	1723.849	18.182	59.966	1.46%	5.42%
7.0	1709.873	21.313	81.279	1.72%	7.35%
8.0	1693.613	24.358	105.637	1.96%	9.55%
9.0	1671.402	27.272	132.908	2.20%	12.02%
10.0	1646.493	30.026	162.934	2.42%	14.73%
11.0	1617.847	32.617	195.552	2.63%	17.68%
12.0	1587.195	35.036	230.587	2.82%	20.85%
13.0	1547.479	37.201	267.788	3.00%	24.21%
14.0	1510.115	39.137	306.925	3.15%	27.75%
15.0	1468.739	40.895	347.82	3.29%	31.45%
16.0	1421.826	42.355	390.175	3.41%	35.27%
17.0	1369.725	43.472	433.647	3.50%	39.21%
18.0	1315.686	44.277	477.923	3.57%	43.21%
19.0	1234.780	44.373	522.296	3.57%	47.22%
20.0	1169.995	44.014	566.31	3.54%	51.20%
21.0	1127.470	44.116	610.426	3.55%	55.19%
22.0	1064.214	44.043	654.469	3.55%	59.17%
23.0	997.430	43.259	697.728	3.48%	63.08%
24.0	928.799	42.114	739.842	3.39%	66.89%
25.0	857.697	40.621	780.463	3.27%	70.56%
26.0	781.171	38.686	819.149	3.12%	74.06%
27.0	696.867	36.161	855.31	2.91%	77.33%
28.0	610.841	33.108	888.418	2.67%	80.32%
29.0	525.520	29.730	918.148	2.39%	83.01%
30.0	435.162	25.938	944.087	2.09%	85.35%
31.0	361.902	22.181	966.268	1.79%	87.36%
32.0	292.087	18.736	985.004	1.51%	89.05%
33.0	239.723	15.667	1000.671	1.26%	90.47%
34.0	212.433	13.684	1014.355	1.10%	91.71%
35.0	129.354	10.615	1024.969	0.85%	92.67%
36.0	94.897	7.140	1032.11	0.57%	93.31%
37.0	74.499	5.525	1037.634	0.44%	93.81%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	61.788	4.549	1042.183	0.37%	94.22%
39.0	53.299	3.928	1046.112	0.32%	94.58%
40.0	46.137	3.468	1049.58	0.28%	94.89%
41.0	40.740	3.094	1052.673	0.25%	95.17%
42.0	35.897	2.784	1055.458	0.22%	95.42%
43.0	32.091	2.518	1057.976	0.20%	95.65%
44.0	28.493	2.287	1060.263	0.18%	95.86%
45.0	25.885	2.090	1062.352	0.17%	96.05%
46.0	23.498	1.931	1064.284	0.16%	96.22%
47.0	21.380	1.785	1066.069	0.14%	96.38%
48.0	19.858	1.667	1067.736	0.13%	96.53%
49.0	18.543	1.577	1069.313	0.13%	96.67%
50.0	17.423	1.500	1070.812	0.12%	96.81%
51.0	16.350	1.429	1072.241	0.12%	96.94%
52.0	15.499	1.367	1073.608	0.11%	97.06%
53.0	14.766	1.317	1074.924	0.11%	97.18%
54.0	14.025	1.269	1076.193	0.10%	97.30%
55.0	13.396	1.224	1077.417	0.10%	97.41%
56.0	12.821	1.185	1078.602	0.10%	97.51%
57.0	12.323	1.150	1079.752	0.09%	97.62%
58.0	11.860	1.118	1080.87	0.09%	97.72%
59.0	11.417	1.088	1081.958	0.09%	97.82%
60.0	11.036	1.061	1083.019	0.09%	97.91%
61.0	10.676	1.036	1084.055	0.08%	98.01%
62.0	10.365	1.014	1085.069	0.08%	98.10%
63.0	10.012	0.991	1086.06	0.08%	98.19%
64.0	9.721	0.968	1087.028	0.08%	98.28%
65.0	9.452	0.949	1087.977	0.08%	98.36%
66.0	9.175	0.929	1088.906	0.07%	98.45%
67.0	8.940	0.911	1089.817	0.07%	98.53%
68.0	8.691	0.893	1090.71	0.07%	98.61%
69.0	8.476	0.876	1091.586	0.07%	98.69%
70.0	8.248	0.859	1092.445	0.07%	98.77%
71.0	8.019	0.841	1093.286	0.07%	98.84%
72.0	7.798	0.822	1094.108	0.07%	98.92%
73.0	7.604	0.805	1094.914	0.06%	98.99%
74.0	7.383	0.788	1095.702	0.06%	99.06%
75.0	7.217	0.771	1096.473	0.06%	99.13%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.452	0.779	1097.252	0.06%	99.20%
77.0	7.307	0.787	1098.038	0.06%	99.27%
78.0	6.829	0.757	1098.795	0.06%	99.34%
79.0	6.463	0.714	1099.509	0.06%	99.40%
80.0	6.220	0.684	1100.193	0.06%	99.47%
81.0	6.061	0.664	1100.857	0.05%	99.53%
82.0	5.888	0.648	1101.505	0.05%	99.59%
83.0	5.736	0.632	1102.137	0.05%	99.64%
84.0	5.618	0.619	1102.756	0.05%	99.70%
85.0	5.438	0.603	1103.359	0.05%	99.75%
86.0	5.217	0.582	1103.942	0.05%	99.81%
87.0	5.003	0.559	1104.501	0.05%	99.86%
88.0	4.913	0.543	1105.044	0.04%	99.90%
89.0	4.767	0.531	1105.575	0.04%	99.95%
90.0	4.726	0.520	1106.095	0.04%	100.00%

Zonal flux distribution table

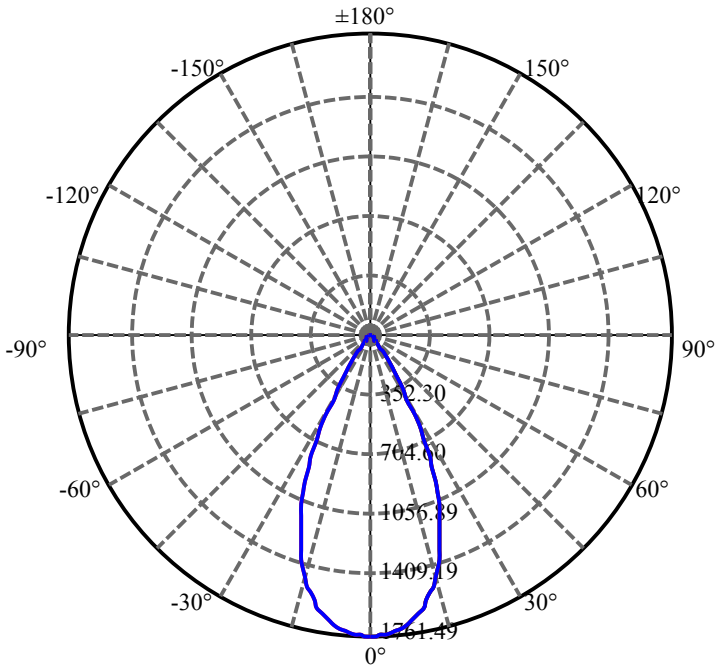
ZONAL LUMEN SUMMARY

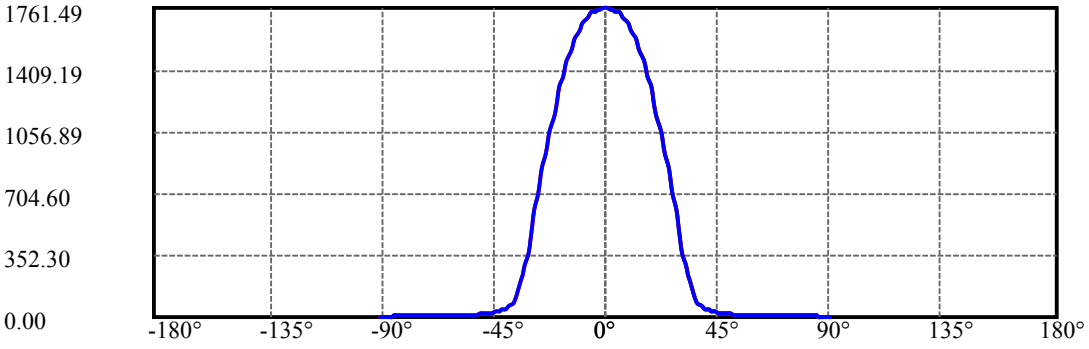
Zone	Lumens	%Lamp	%Fixt
0-30	944.09	76.03%	85.35%
0-40	1049.58	84.52%	94.89%
0-60	1083.02	87.21%	97.91%
0-90	1105.57	89.03%	99.95%
0-120	1105.57	89.03%	99.95%
0-180	1106.10	89.07%	100.00%
60-90	22.56	1.82%	2.04%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.89	884.88	71.26%	80.00%

ZONAL LUMEN SUMMARY

0-10	162.93
10-20	403.38
20-30	377.78
30-40	105.49
40-50	21.23
50-60	12.21
60-70	9.43
70-80	7.75
80-90	5.38
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):

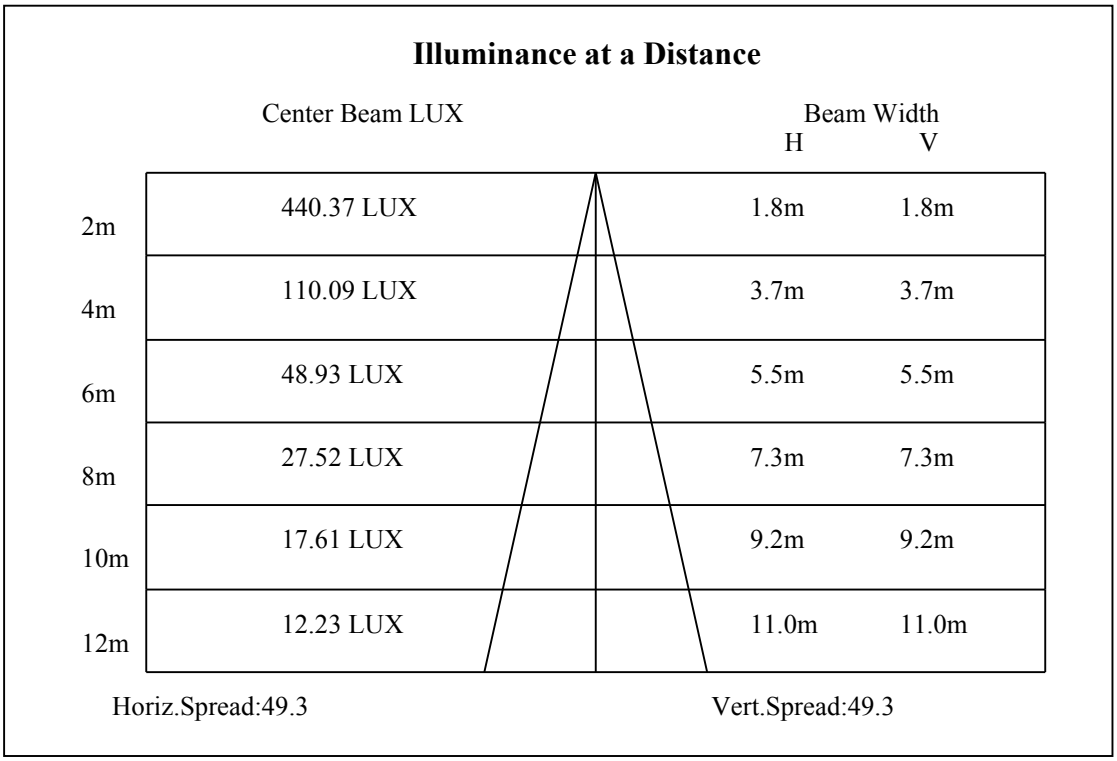
C0/C180:

C90/C270:

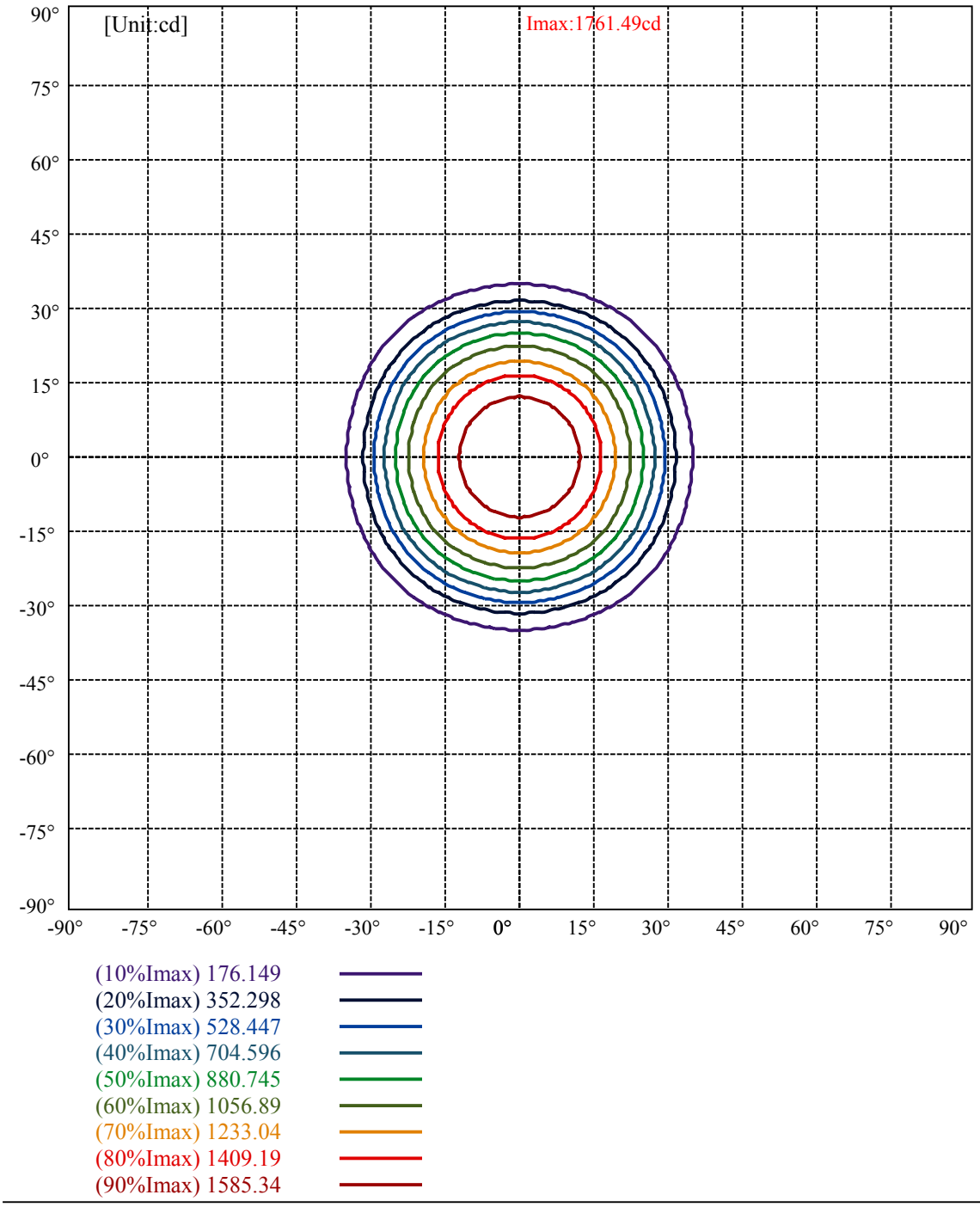
Field angle(10%Imax):C0/180Left:34.4 Right:34.4
:C90/270Left:34.4 Right:34.4

Beam Angle(50%Imax):C0/180Left:24.7 Right:24.7
:C90/270Left:24.7 Right:24.7

Lux distance Curve



ISO-Intensity(V-H)

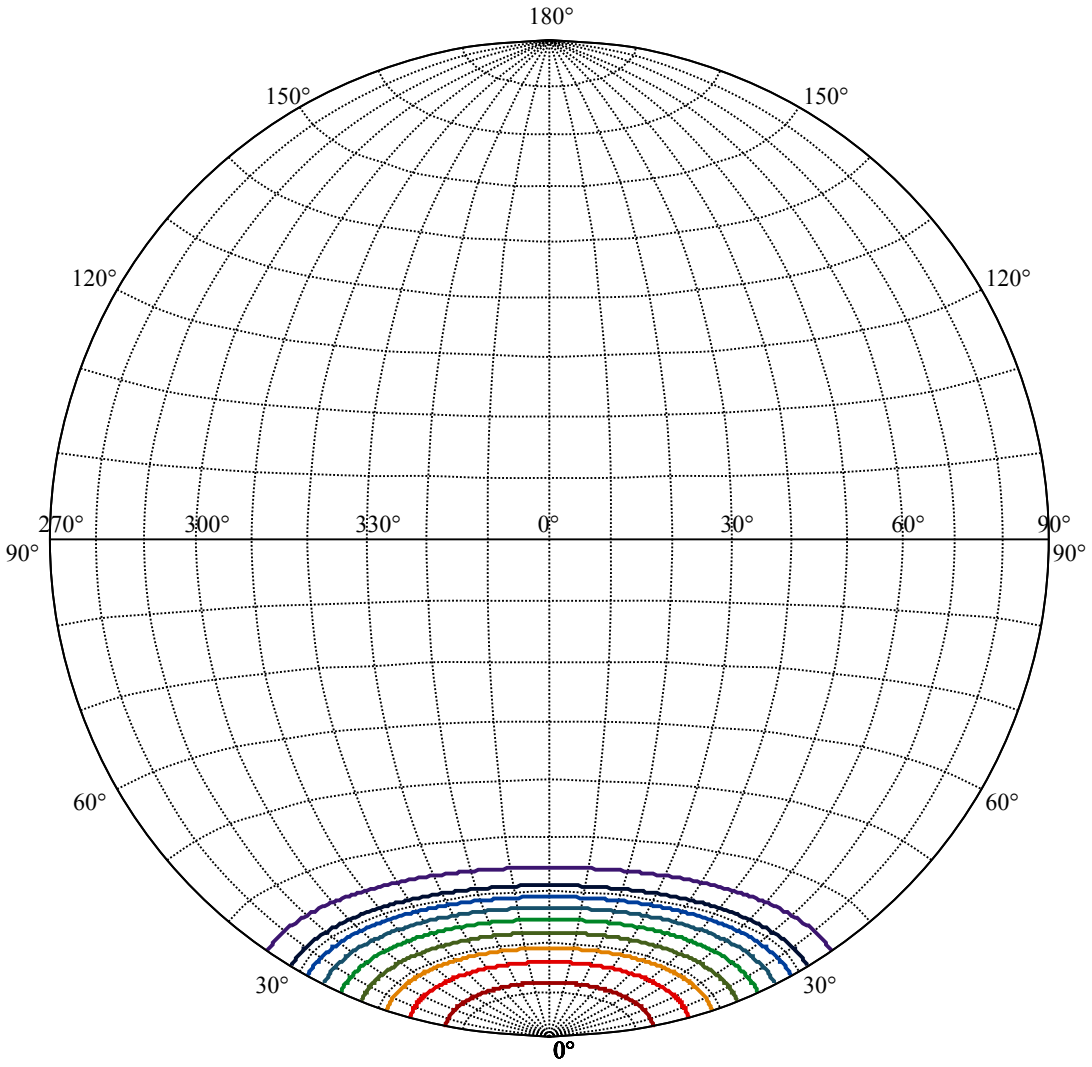


Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/13
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

ISO candela diagram on circular web



House [Unit:cd] Road

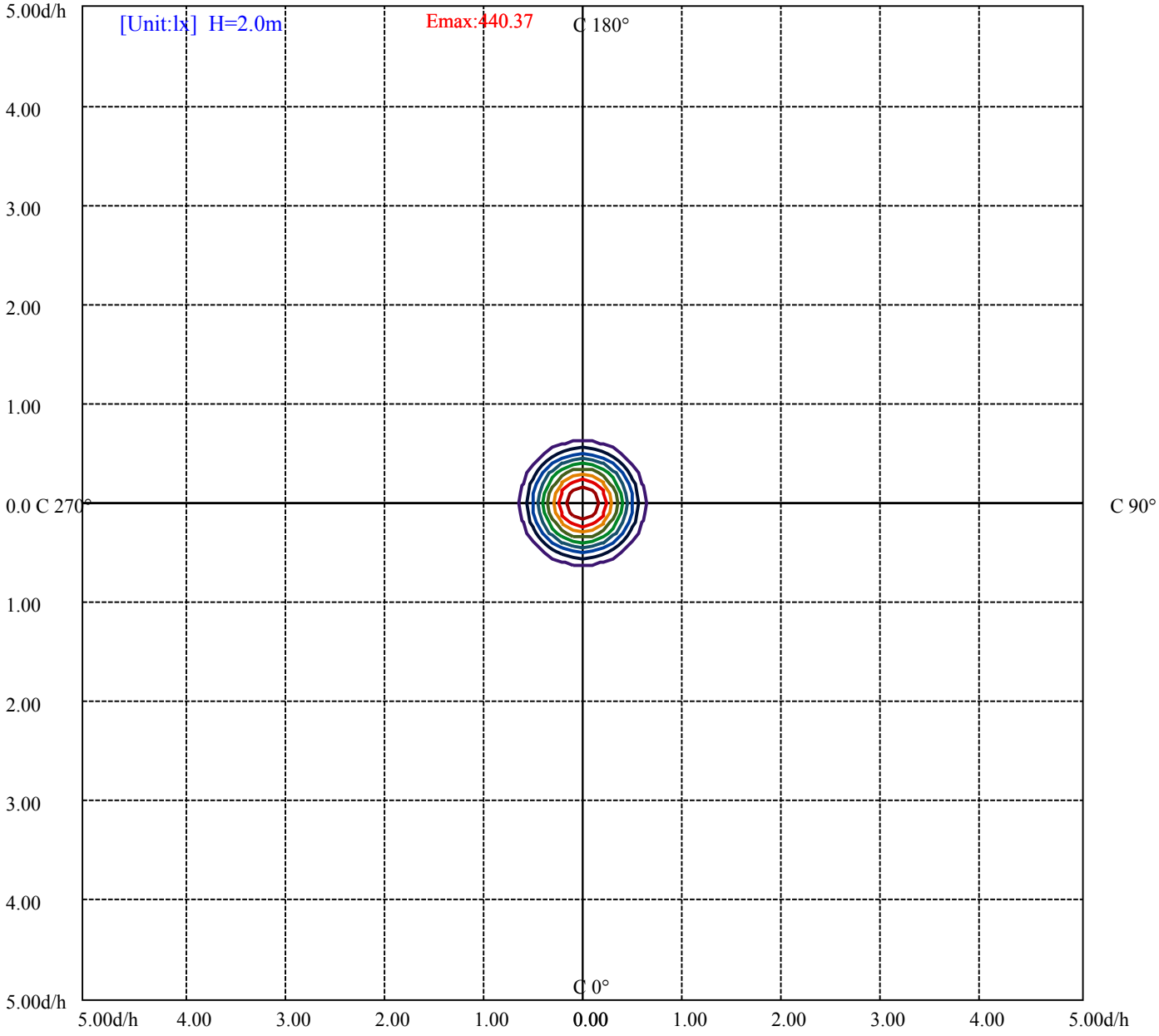
Imax:1761.49

(10%Imax) 176.149
(20%Imax) 352.298
(30%Imax) 528.447
(40%Imax) 704.596
(50%Imax) 880.745
(60%Imax) 1056.89
(70%Imax) 1233.04
(80%Imax) 1409.19
(90%Imax) 1585.34

Equipment: GMS1980 Date: 2023/11/13 Operator: NT07
Temperature(°C): 0.0 Humidity(%): 0.0% Distance(m): 7.44

NT 1-1384-L

ISO illuminance diagram



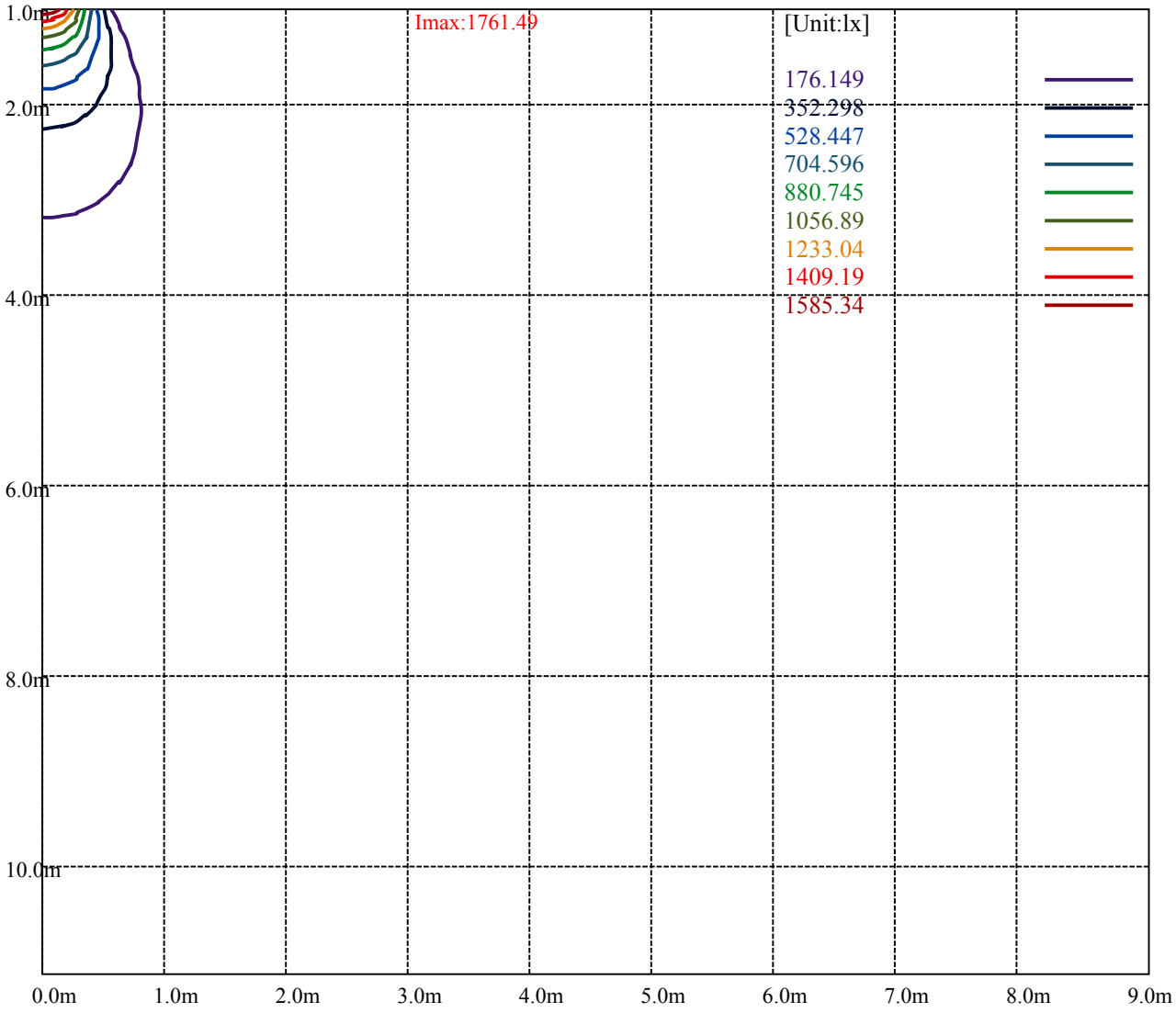
(10%Emax) 44.03725
(20%Emax) 88.0745
(30%Emax) 132.1118
(40%Emax) 176.149
(50%Emax) 220.1862
(60%Emax) 264.2225
(70%Emax) 308.26
(80%Emax) 352.2975
(90%Emax) 396.335

Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/13
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/13
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

Luminance Limitting Curve(no luminous side)

Luminance Table

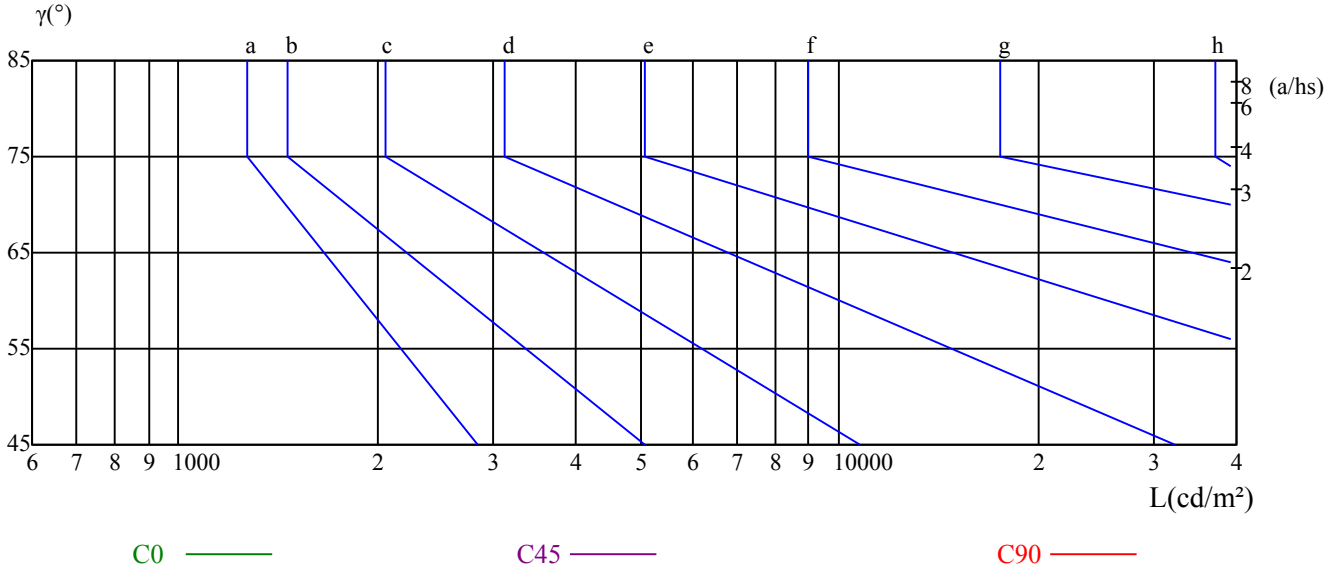
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

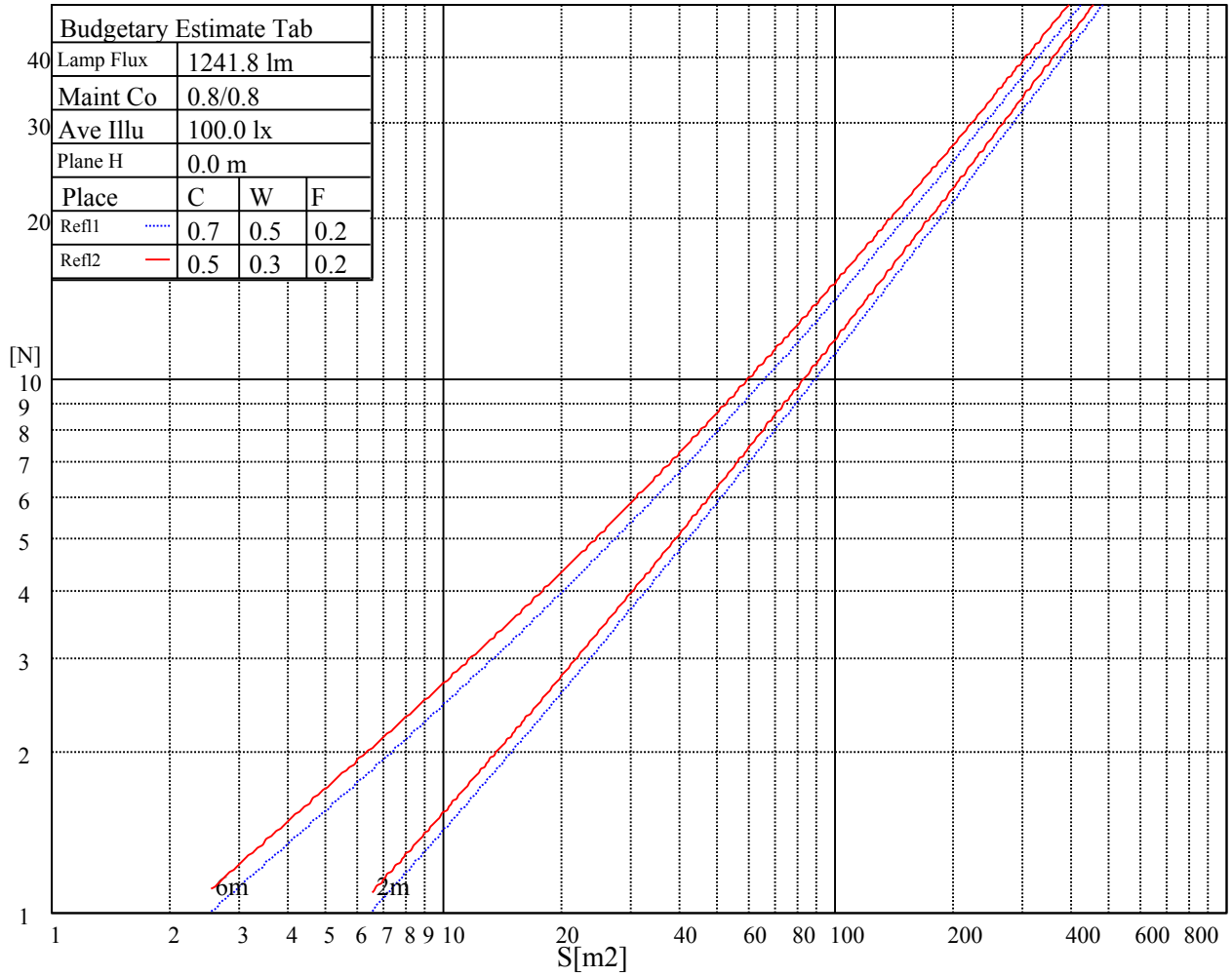
Luminance Limitting Curve



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

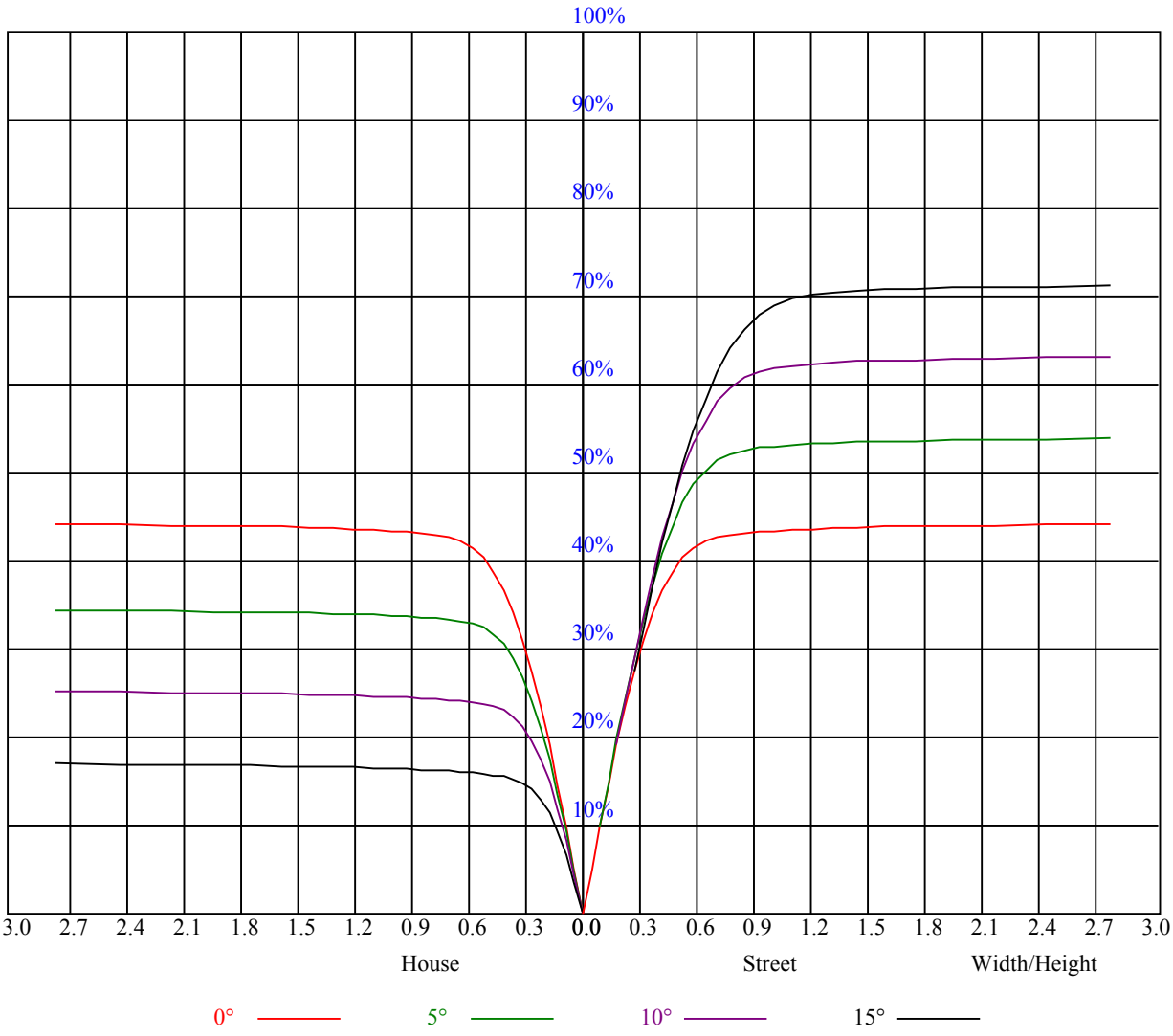


Equipment: GMS1980 Date: 2023/11/13 Operator: NT07
Temperature(°C): 0.0 Humidity(%): 0.0% Distance(m): 7.44

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	1.06	1.06	1.06	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.89
1	0.99	0.97	0.95	0.97	0.95	0.93	0.93	0.92	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84
2	0.93	0.89	0.86	0.91	0.88	0.85	0.88	0.86	0.84	0.86	0.84	0.82	0.83	0.82	0.80	0.79
3	0.87	0.83	0.80	0.86	0.82	0.79	0.84	0.80	0.78	0.81	0.79	0.77	0.79	0.77	0.75	0.74
4	0.82	0.78	0.74	0.81	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.72	0.76	0.73	0.71	0.70
5	0.78	0.73	0.70	0.77	0.73	0.69	0.75	0.72	0.69	0.74	0.71	0.68	0.73	0.70	0.67	0.66
6	0.74	0.69	0.65	0.73	0.69	0.65	0.72	0.68	0.65	0.71	0.67	0.64	0.69	0.66	0.64	0.63
7	0.70	0.65	0.62	0.70	0.65	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.60
8	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.64	0.60	0.58	0.57
9	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.54
10	0.61	0.56	0.53	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.51

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2023/11/13	Operator: NT07
Temperature(°C): 0.0	Humidity(%): 0.0%	Distance(m): 7.44

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	1761.91	1754.71	1746.96	1739.21	1729.80	1714.85	1697.14	1679.98	1656.73
45.0	1760.24	1761.91	1766.33	1757.48	1752.49	1749.17	1738.10	1722.60	1710.98
90.0	1763.57	1764.12	1760.24	1759.14	1749.73	1743.08	1730.91	1713.75	1697.69
135.0	1760.24	1760.80	1759.69	1758.03	1748.62	1743.64	1732.57	1725.93	1708.77
180.0	1761.91	1760.24	1762.46	1759.14	1754.71	1747.51	1737.55	1732.57	1718.18
225.0	1760.24	1756.37	1751.39	1745.85	1742.53	1734.23	1724.26	1707.66	1688.28
270.0	1763.57	1759.14	1756.92	1750.83	1743.64	1735.34	1723.71	1705.44	1694.93
315.0	1760.24	1750.83	1742.53	1738.66	1728.69	1719.84	1706.55	1691.05	1673.34
360.0	1761.91	1754.71	1746.96	1739.21	1729.80	1714.85	1697.14	1679.98	1656.73

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1624.63	1599.17	1566.51	1533.29	1485.14	1446.94	1405.98	1360.04	1296.38
45.0	1686.07	1663.38	1642.89	1609.13	1577.02	1541.04	1499.53	1447.50	1399.89
90.0	1678.32	1653.41	1618.54	1585.33	1536.06	1497.31	1451.37	1393.80	1347.31
135.0	1692.71	1663.93	1642.89	1616.33	1574.26	1539.94	1498.42	1454.69	1392.70
180.0	1697.69	1678.87	1653.41	1634.04	1596.40	1562.63	1530.53	1487.35	1440.30
225.0	1663.38	1640.68	1606.92	1574.81	1542.70	1497.87	1454.69	1409.30	1362.81
270.0	1674.45	1657.29	1627.95	1594.18	1561.53	1525.55	1477.94	1432.55	1388.82
315.0	1653.97	1615.22	1583.67	1550.45	1506.72	1469.64	1431.44	1389.38	1329.59
360.0	1624.63	1599.17	1566.51	1533.29	1485.14	1446.94	1405.98	1360.04	1296.38

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1237.71	1099.16	1099.16	1039.15	977.82	898.06	830.30	757.85	660.04
45.0	1352.84	1303.02	1232.17	1174.05	1099.32	1037.33	974.78	894.51	823.11
90.0	1291.40	1182.35	1097.50	1097.50	1035.50	953.91	891.58	824.99	751.65
135.0	1344.54	1291.95	1234.39	1162.98	1103.75	1043.97	965.37	901.71	835.29
180.0	1397.68	1346.75	1287.52	1213.90	1158.55	1092.68	1031.24	955.40	887.32
225.0	1294.72	1191.76	1103.97	1103.97	1023.99	961.22	899.27	817.96	745.17
270.0	1329.59	1274.24	1201.17	1139.18	1085.48	1019.06	941.01	877.91	810.38
315.0	1277.01	1189.00	1104.08	1089.03	1029.30	973.23	896.84	831.25	736.42
360.0	1237.71	1099.16	1099.16	1039.15	977.82	898.06	830.30	757.85	660.04

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	577.17	497.63	421.96	334.00	271.23	214.05	164.95	115.74	88.95
45.0	742.85	659.81	558.52	477.15	401.31	330.46	281.20	281.20	141.54
90.0	651.01	569.98	489.16	394.73	325.04	259.17	189.48	144.03	102.40
135.0	738.97	653.73	549.11	471.06	396.33	327.14	294.48	294.48	142.04
180.0	804.29	726.24	642.66	538.59	456.67	378.62	308.32	291.71	218.04
225.0	666.96	567.98	489.66	391.46	319.45	253.35	196.12	147.79	101.19
270.0	737.86	639.89	563.50	481.58	403.53	314.96	281.20	281.20	132.46
315.0	655.83	571.47	489.60	392.73	321.66	258.94	202.04	143.31	108.22
360.0	577.17	497.63	421.96	334.00	271.23	214.05	164.95	115.74	88.95

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	72.02	59.12	51.59	44.06	39.02	34.82	30.44	27.40	24.85
45.0	106.89	80.15	67.53	57.68	48.38	42.35	36.53	32.71	29.39
90.0	81.92	69.47	59.95	52.48	44.78	39.58	35.32	31.50	27.62
135.0	107.50	84.75	68.47	59.01	51.81	44.84	40.08	35.92	31.61
180.0	130.08	95.93	71.24	61.06	52.97	46.66	40.24	35.92	31.44
225.0	76.61	62.77	54.19	45.89	40.74	36.42	31.83	28.67	25.41
270.0	99.19	72.96	62.16	54.14	46.44	41.29	36.87	32.99	28.95
315.0	84.97	70.85	59.17	52.09	44.95	39.97	35.87	31.61	28.67
360.0	72.02	59.12	51.59	44.06	39.02	34.82	30.44	27.40	24.85

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	22.75	20.92	19.10	17.93	16.88	16.00	15.00	14.28	13.67
45.0	26.57	23.58	21.59	19.87	18.54	17.16	16.22	15.33	14.61
90.0	25.02	22.81	20.54	19.10	17.66	16.66	15.78	14.83	14.12
135.0	28.67	26.18	23.58	21.86	20.43	18.93	17.82	16.94	16.11
180.0	28.40	25.13	22.97	21.15	19.65	18.38	17.10	16.16	15.33
225.0	23.14	21.26	19.26	17.99	16.99	16.16	15.17	14.45	13.78
270.0	26.35	24.02	22.09	20.43	18.82	17.77	16.61	15.72	15.00
315.0	26.18	24.08	21.92	20.54	19.37	18.32	17.10	16.27	15.50
360.0	22.75	20.92	19.10	17.93	16.88	16.00	15.00	14.28	13.67

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	13.01	12.45	11.90	11.46	11.13	10.63	10.35	10.07	9.80
45.0	13.84	13.23	12.57	12.12	11.68	11.18	10.85	10.46	10.19
90.0	13.51	12.95	12.34	11.90	11.46	11.07	10.63	10.35	10.07
135.0	15.22	14.56	13.95	13.40	12.79	12.34	11.79	11.35	10.96
180.0	14.61	13.78	13.23	12.73	12.18	11.73	11.35	10.96	10.57
225.0	13.23	12.57	12.12	11.68	11.24	10.90	10.57	10.19	9.96
270.0	14.12	13.56	12.95	12.40	12.01	11.57	11.24	10.85	10.57
315.0	14.67	14.06	13.51	12.90	12.40	11.90	11.51	11.18	10.79
360.0	13.01	12.45	11.90	11.46	11.13	10.63	10.35	10.07	9.80

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.47	9.19	8.97	8.69	8.47	8.25	8.03	7.80	7.58
45.0	9.85	9.58	9.30	9.02	8.80	8.58	8.36	8.08	7.86
90.0	9.69	9.47	9.19	8.86	8.64	8.41	8.19	7.97	7.80
135.0	10.57	10.19	9.91	9.63	9.30	9.02	8.80	8.58	8.25
180.0	10.19	9.91	9.63	9.35	9.08	8.86	8.64	8.47	8.19
225.0	9.63	9.35	9.08	8.86	8.64	8.36	8.19	7.97	7.80
270.0	10.30	10.02	9.74	9.47	9.30	9.08	8.86	8.64	8.41
315.0	10.41	10.07	9.80	9.52	9.30	8.97	8.75	8.47	8.25
360.0	9.47	9.19	8.97	8.69	8.47	8.25	8.03	7.80	7.58

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.36	7.14	6.97	6.75	6.59	6.42	6.25	6.03	5.92
45.0	7.64	7.47	7.25	7.03	6.86	6.64	6.53	6.25	6.09
90.0	7.58	7.36	7.14	6.97	6.81	6.53	6.42	6.20	6.03
135.0	8.03	7.86	7.58	7.36	7.14	6.92	6.75	6.53	6.37
180.0	7.97	7.80	7.58	7.36	7.14	6.92	6.75	6.59	6.37
225.0	7.53	7.36	7.20	6.97	6.75	6.59	6.42	6.25	6.03
270.0	8.19	8.03	7.75	7.75	9.02	9.80	7.92	6.97	6.59
315.0	8.08	7.80	7.58	7.53	9.30	8.64	7.58	6.86	6.37
360.0	7.36	7.14	6.97	6.75	6.59	6.42	6.25	6.03	5.92

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.81	5.65	5.54	5.42	5.26	4.93	4.87	4.71	4.76
45.0	5.98	5.81	5.59	5.48	5.37	5.09	5.04	4.87	4.76
90.0	5.87	5.70	5.59	5.48	5.15	5.04	4.98	4.93	4.71
135.0	6.20	6.03	5.81	5.70	5.37	5.15	5.09	4.98	4.87
180.0	6.20	6.03	5.87	5.76	5.65	5.37	5.09	4.98	4.87
225.0	5.92	5.76	5.65	5.59	5.42	5.04	4.98	4.98	4.71
270.0	6.31	6.14	5.98	5.81	5.70	5.65	5.04	4.93	4.76
315.0	6.20	5.98	5.87	5.70	5.59	5.48	4.93	4.93	4.71
360.0	5.81	5.65	5.54	5.42	5.26	4.93	4.87	4.71	4.76

Intensity data(cd)

C/γ(°)	90.0
0.0	4.71
45.0	4.65
90.0	4.76
135.0	4.71
180.0	4.71
225.0	4.76
270.0	4.76
315.0	4.76
360.0	4.71