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NT

LumCAT: 1-1376-L
Luminaire: 92.70.427.00
LampCAT: BRIDGELUX V6HD
Ballast type: AC
Report No: 20231207-B023
Test No: 20231207-C023
Number of Lamps: 1
Lamp flux(lm): 1196.2
Length(mm): 0
Phm Type: C

Voltage(V): 35.0800
Current(A): 0.2600
Power (W): 9.1200
PF: 0.0000
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 1082.45, Efficiency(%): 90.49% , Luminous Efficacy(lm/W): 118.69
Central intensity(cd): 1807.295, Maximum intensity(cd): 1816.428
Angle of maximum intensity: C=0.0 γ=4.0
Beam Angle(50%Imax): [C0/180]Total=47.6
[C90/270]Total=47.6
Field angle(10%Imax): [C0/180]Total=65.8
[C90/270]Total=65.8
Maximum s/h(1/2): C0_180=0.78 C90_270=0.78
Maximum s/h(1/4): C0_180=0.71 C90_270=0.71
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.49%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 97.814%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1807.295	0.000	0	0.00%	0.00%
1.0	1808.333	1.730	1.73	0.14%	0.16%
2.0	1811.516	5.196	6.926	0.43%	0.64%
3.0	1814.975	8.673	15.599	0.73%	1.44%
4.0	1816.428	12.155	27.754	1.02%	2.56%
5.0	1814.422	15.620	43.374	1.31%	4.01%
6.0	1809.924	19.047	62.421	1.59%	5.77%
7.0	1799.615	22.404	84.825	1.87%	7.84%
8.0	1784.877	25.654	110.479	2.14%	10.21%
9.0	1761.698	28.743	139.222	2.40%	12.86%
10.0	1727.032	31.572	170.794	2.64%	15.78%
11.0	1689.945	34.143	204.936	2.85%	18.93%
12.0	1648.361	36.492	241.429	3.05%	22.30%
13.0	1606.777	38.630	280.059	3.23%	25.87%
14.0	1567.476	40.630	320.689	3.40%	29.63%
15.0	1524.231	42.444	363.134	3.55%	33.55%
16.0	1476.834	43.974	407.108	3.68%	37.61%
17.0	1421.134	45.129	452.237	3.77%	41.78%
18.0	1363.498	45.913	498.149	3.84%	46.02%
19.0	1271.867	45.850	543.999	3.83%	50.26%
20.0	1204.840	45.331	589.33	3.79%	54.44%
21.0	1141.018	45.045	634.375	3.77%	58.61%
22.0	1071.673	44.465	678.84	3.72%	62.71%
23.0	988.428	43.226	722.066	3.61%	66.71%
24.0	893.220	41.140	763.206	3.44%	70.51%
25.0	792.359	38.326	801.532	3.20%	74.05%
26.0	690.868	35.012	836.544	2.93%	77.28%
27.0	586.250	31.245	867.789	2.61%	80.17%
28.0	488.350	27.207	894.996	2.27%	82.68%
29.0	400.677	23.259	918.255	1.94%	84.83%
30.0	320.366	19.468	937.723	1.63%	86.63%
31.0	260.646	16.169	953.892	1.35%	88.12%
32.0	225.407	13.925	967.817	1.16%	89.41%
33.0	173.928	11.765	979.581	0.98%	90.50%
34.0	122.207	8.962	988.543	0.75%	91.32%
35.0	102.729	6.986	995.529	0.58%	91.97%
36.0	88.566	6.091	1001.62	0.51%	92.53%
37.0	77.370	5.412	1007.032	0.45%	93.03%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	67.919	4.850	1011.881	0.41%	93.48%
39.0	59.360	4.344	1016.226	0.36%	93.88%
40.0	52.468	3.900	1020.126	0.33%	94.24%
41.0	46.206	3.514	1023.64	0.29%	94.57%
42.0	41.308	3.180	1026.819	0.27%	94.86%
43.0	36.935	2.898	1029.717	0.24%	95.13%
44.0	33.461	2.657	1032.374	0.22%	95.37%
45.0	30.258	2.449	1034.823	0.20%	95.60%
46.0	27.732	2.268	1037.091	0.19%	95.81%
47.0	25.476	2.116	1039.207	0.18%	96.01%
48.0	23.581	1.983	1041.19	0.17%	96.19%
49.0	21.948	1.870	1043.06	0.16%	96.36%
50.0	20.467	1.768	1044.829	0.15%	96.52%
51.0	19.166	1.677	1046.505	0.14%	96.68%
52.0	18.038	1.596	1048.102	0.13%	96.83%
53.0	17.049	1.526	1049.628	0.13%	96.97%
54.0	16.184	1.465	1051.093	0.12%	97.10%
55.0	15.333	1.407	1052.5	0.12%	97.23%
56.0	14.551	1.350	1053.85	0.11%	97.36%
57.0	13.866	1.299	1055.149	0.11%	97.48%
58.0	13.250	1.254	1056.403	0.10%	97.59%
59.0	12.669	1.212	1057.615	0.10%	97.71%
60.0	12.164	1.173	1058.788	0.10%	97.81%
61.0	11.707	1.139	1059.927	0.10%	97.92%
62.0	11.230	1.105	1061.033	0.09%	98.02%
63.0	10.835	1.073	1062.106	0.09%	98.12%
64.0	10.441	1.044	1063.15	0.09%	98.22%
65.0	10.102	1.017	1064.167	0.08%	98.31%
66.0	9.777	0.992	1065.158	0.08%	98.40%
67.0	9.452	0.967	1066.125	0.08%	98.49%
68.0	9.168	0.943	1067.068	0.08%	98.58%
69.0	8.870	0.920	1067.989	0.08%	98.66%
70.0	8.601	0.897	1068.886	0.08%	98.75%
71.0	8.317	0.874	1069.76	0.07%	98.83%
72.0	8.068	0.852	1070.612	0.07%	98.91%
73.0	7.839	0.832	1071.444	0.07%	98.98%
74.0	7.632	0.813	1072.258	0.07%	99.06%
75.0	7.355	0.792	1073.049	0.07%	99.13%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.099	0.767	1073.817	0.06%	99.20%
77.0	6.871	0.745	1074.561	0.06%	99.27%
78.0	6.629	0.723	1075.284	0.06%	99.34%
79.0	6.400	0.700	1075.984	0.06%	99.40%
80.0	6.186	0.679	1076.663	0.06%	99.47%
81.0	5.964	0.657	1077.32	0.05%	99.53%
82.0	5.771	0.636	1077.956	0.05%	99.59%
83.0	5.591	0.618	1078.574	0.05%	99.64%
84.0	5.432	0.600	1079.174	0.05%	99.70%
85.0	5.259	0.583	1079.758	0.05%	99.75%
86.0	5.093	0.566	1080.323	0.05%	99.80%
87.0	4.940	0.549	1080.873	0.05%	99.85%
88.0	4.823	0.535	1081.407	0.04%	99.90%
89.0	4.733	0.524	1081.931	0.04%	99.95%
90.0	4.677	0.516	1082.447	0.04%	100.00%

Zonal flux distribution table

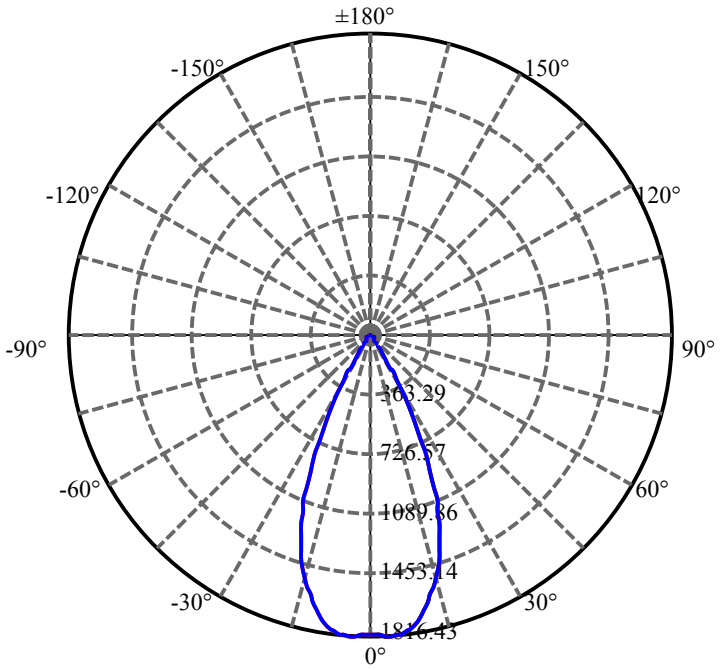
ZONAL LUMEN SUMMARY

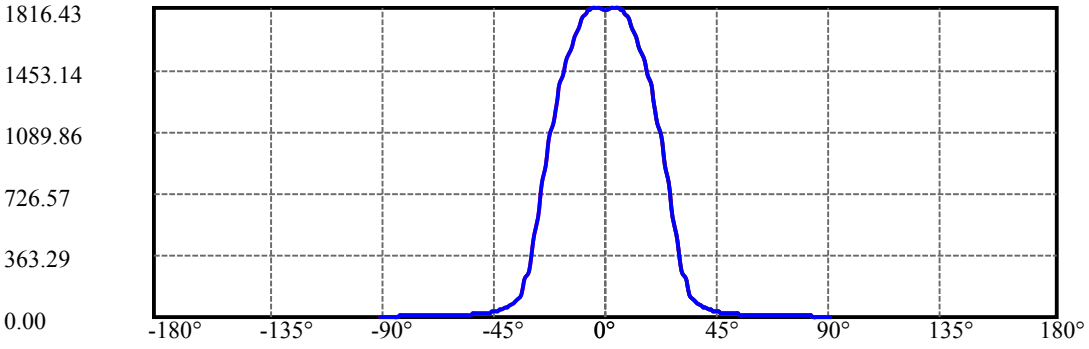
Zone	Lumens	%Lamp	%Fixt
0-30	937.72	78.39%	86.63%
0-40	1020.13	85.28%	94.24%
0-60	1058.79	88.51%	97.81%
0-90	1081.93	90.45%	99.95%
0-120	1081.93	90.45%	99.95%
0-180	1082.45	90.49%	100.00%
60-90	23.14	1.93%	2.14%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-26.94	865.96	72.39%	80.00%

ZONAL LUMEN SUMMARY

0-10	170.79
10-20	418.54
20-30	348.39
30-40	82.40
40-50	24.70
50-60	13.96
60-70	10.10
70-80	7.78
80-90	5.27
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):

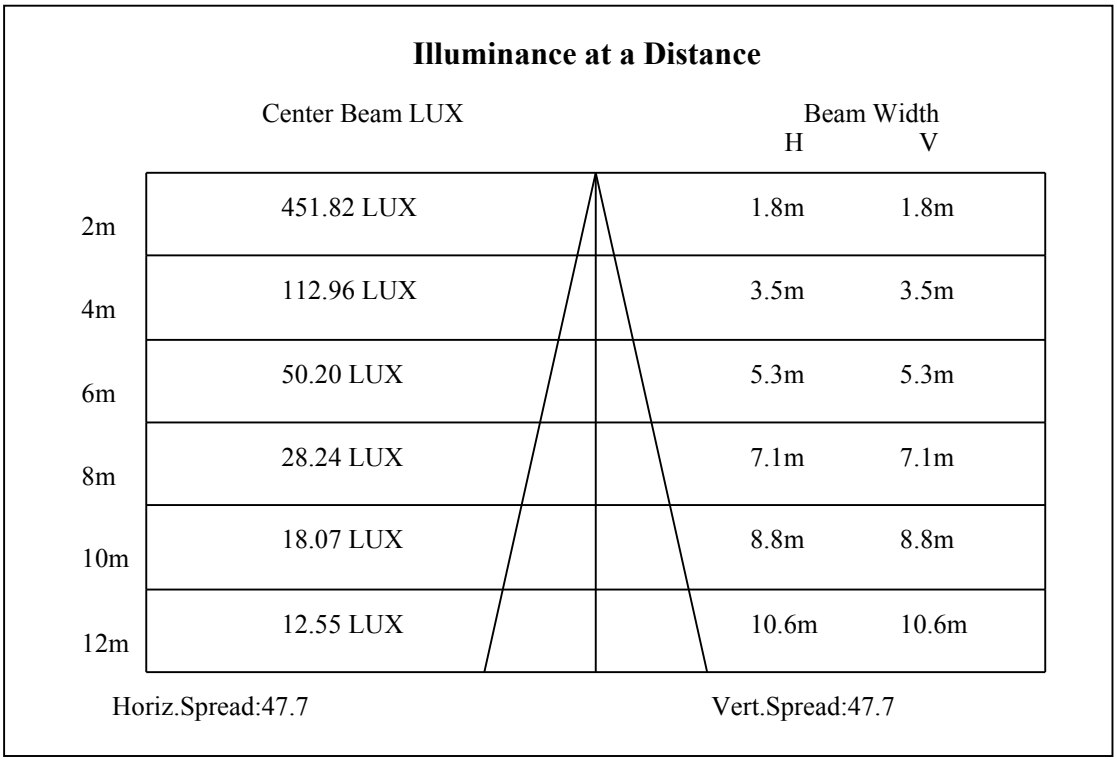
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:36.9 Right:28.9
:C90/270Left:36.9 Right:28.9

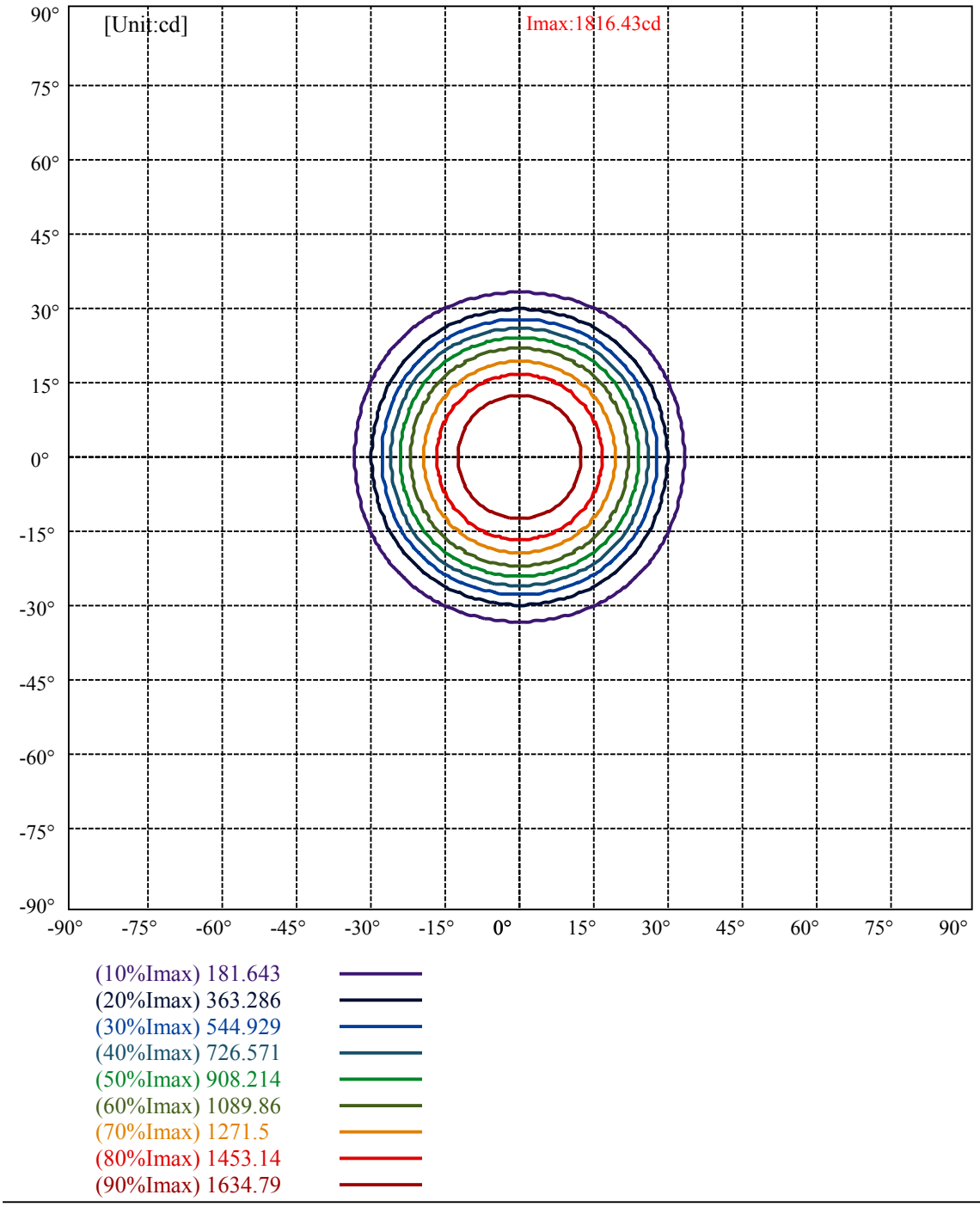
Beam Angle(50%Imax):C0/180Left:27.8 Right:19.8
:C90/270Left:27.8 Right:19.8

Lux distance Curve



Equipment: GMS1980 Date: 2023/12/07 Operator: NT07
Temperature(°C): 0.0 Humidity(%): 0.0% Distance(m): 7.44

ISO-Intensity(V-H)

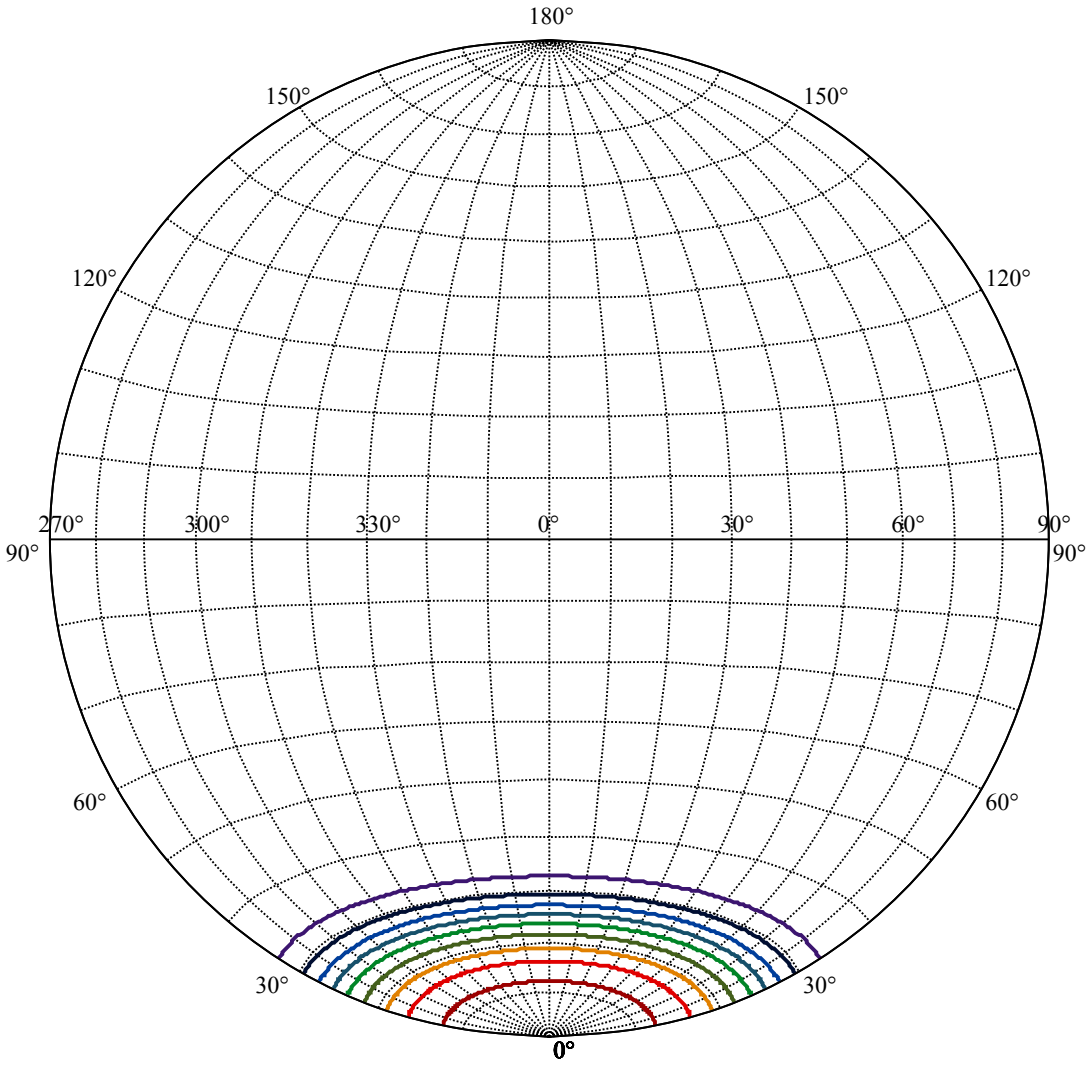


Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/12/07
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:1816.43

(10%Imax) 181.643
(20%Imax) 363.286
(30%Imax) 544.929
(40%Imax) 726.571
(50%Imax) 908.214
(60%Imax) 1089.86
(70%Imax) 1271.5
(80%Imax) 1453.14
(90%Imax) 1634.79

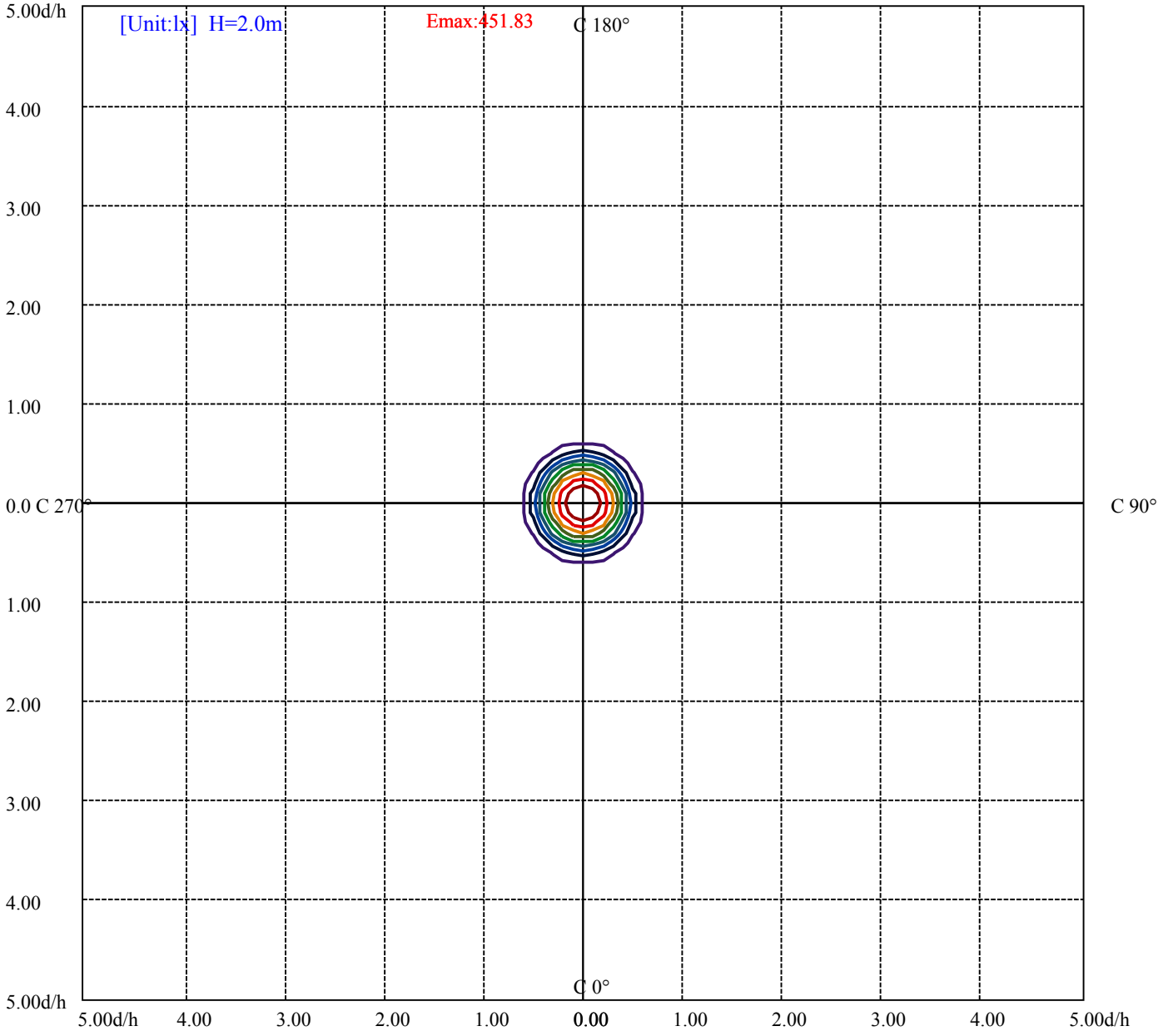
Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/12/07
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

NT 1-1376-L

ISO illuminance diagram

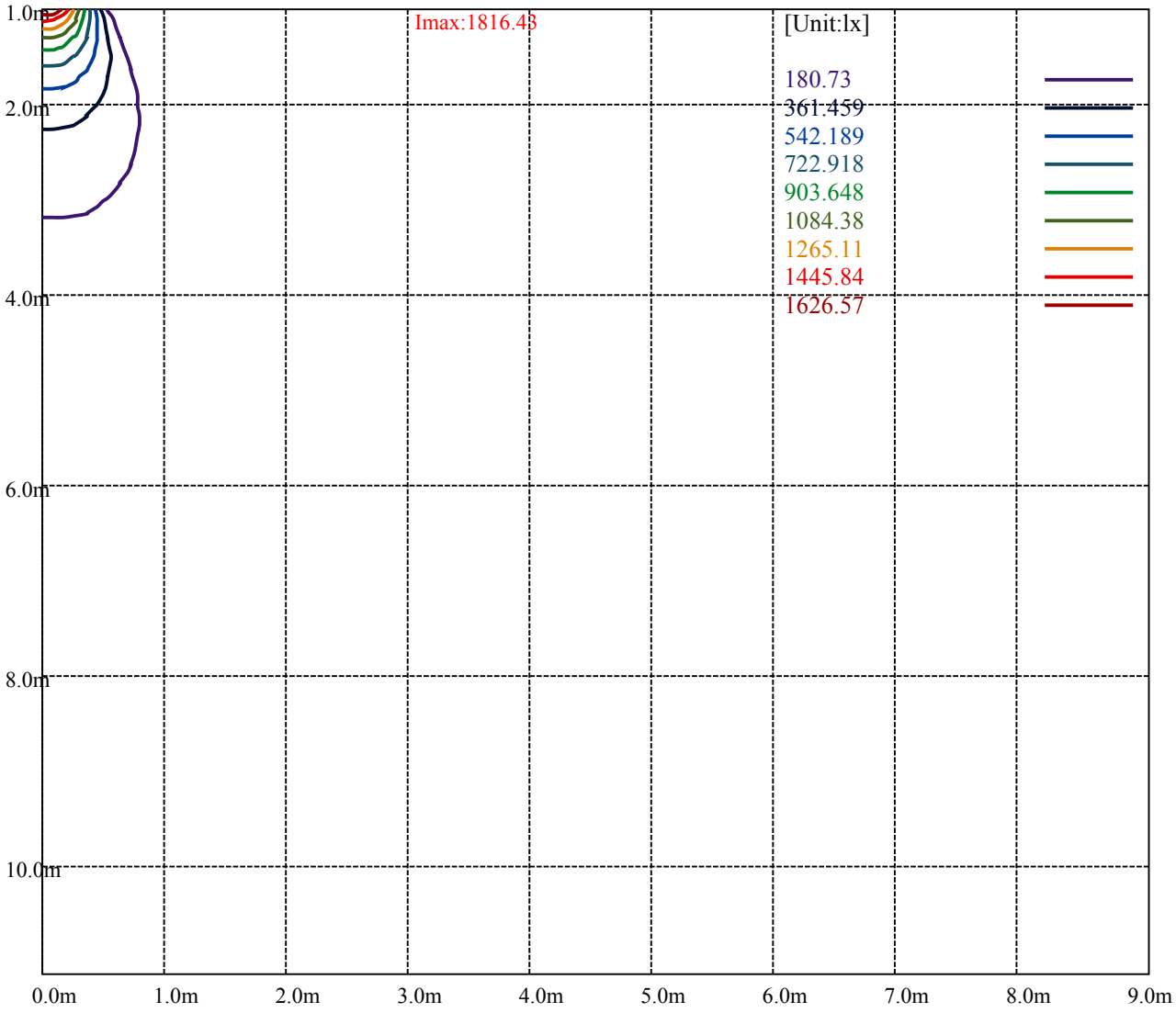


Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/12/07
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/12/07
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

Luminance Limitting Curve(no luminous side)

Luminance Table

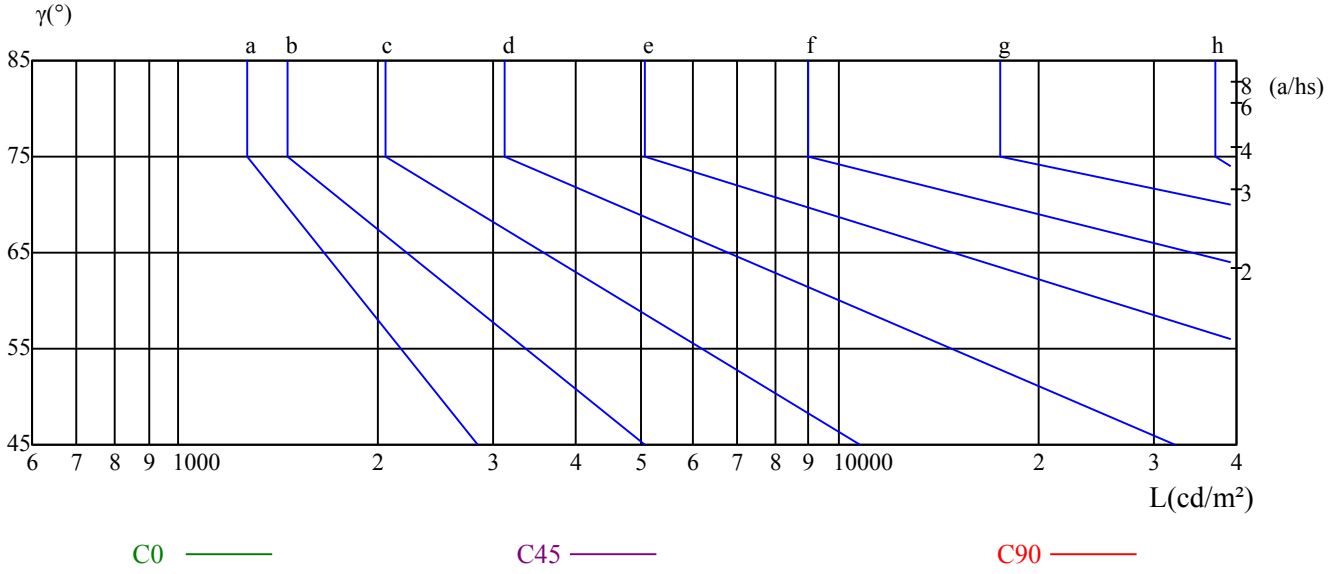
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

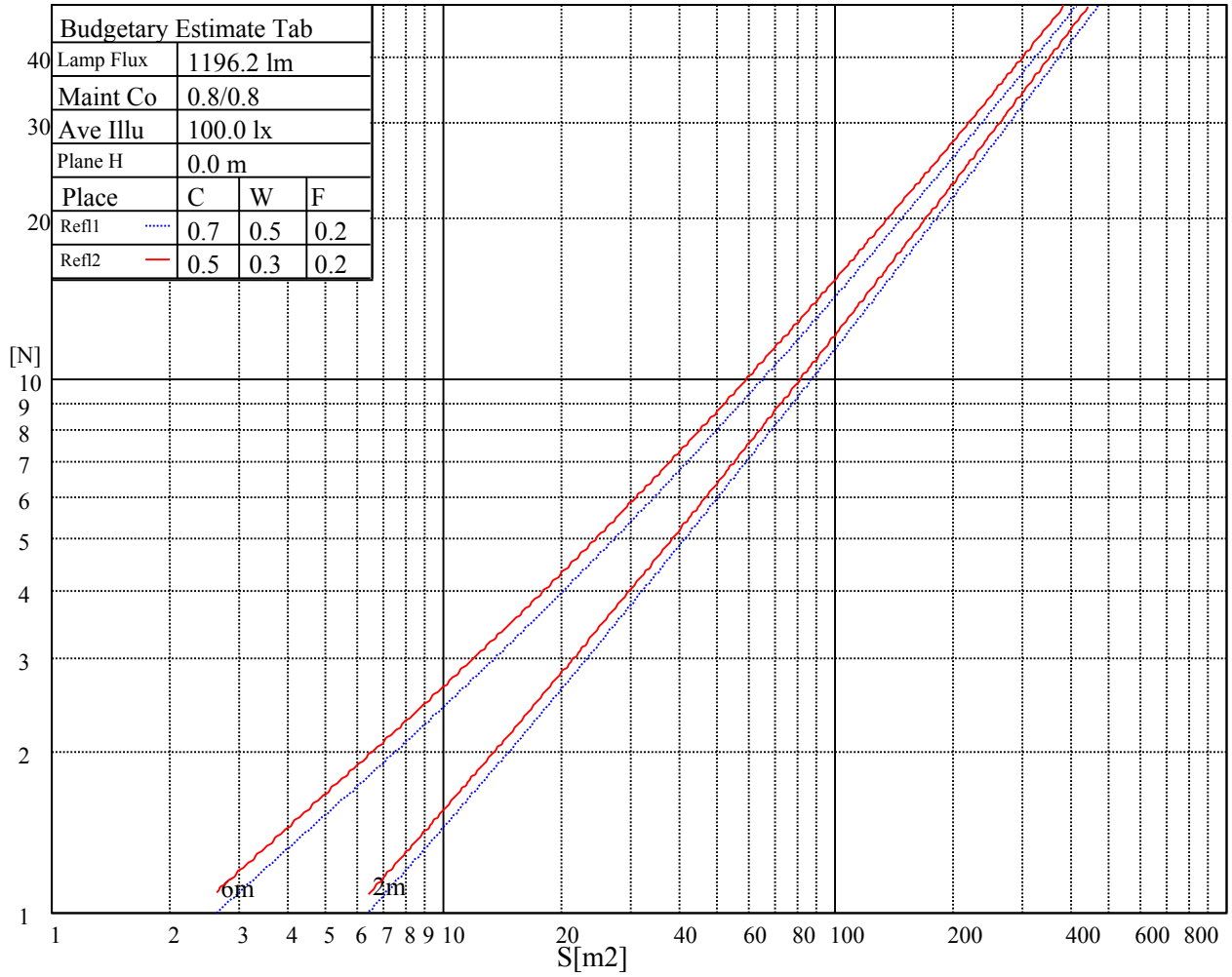
Luminance Limitting Curve



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

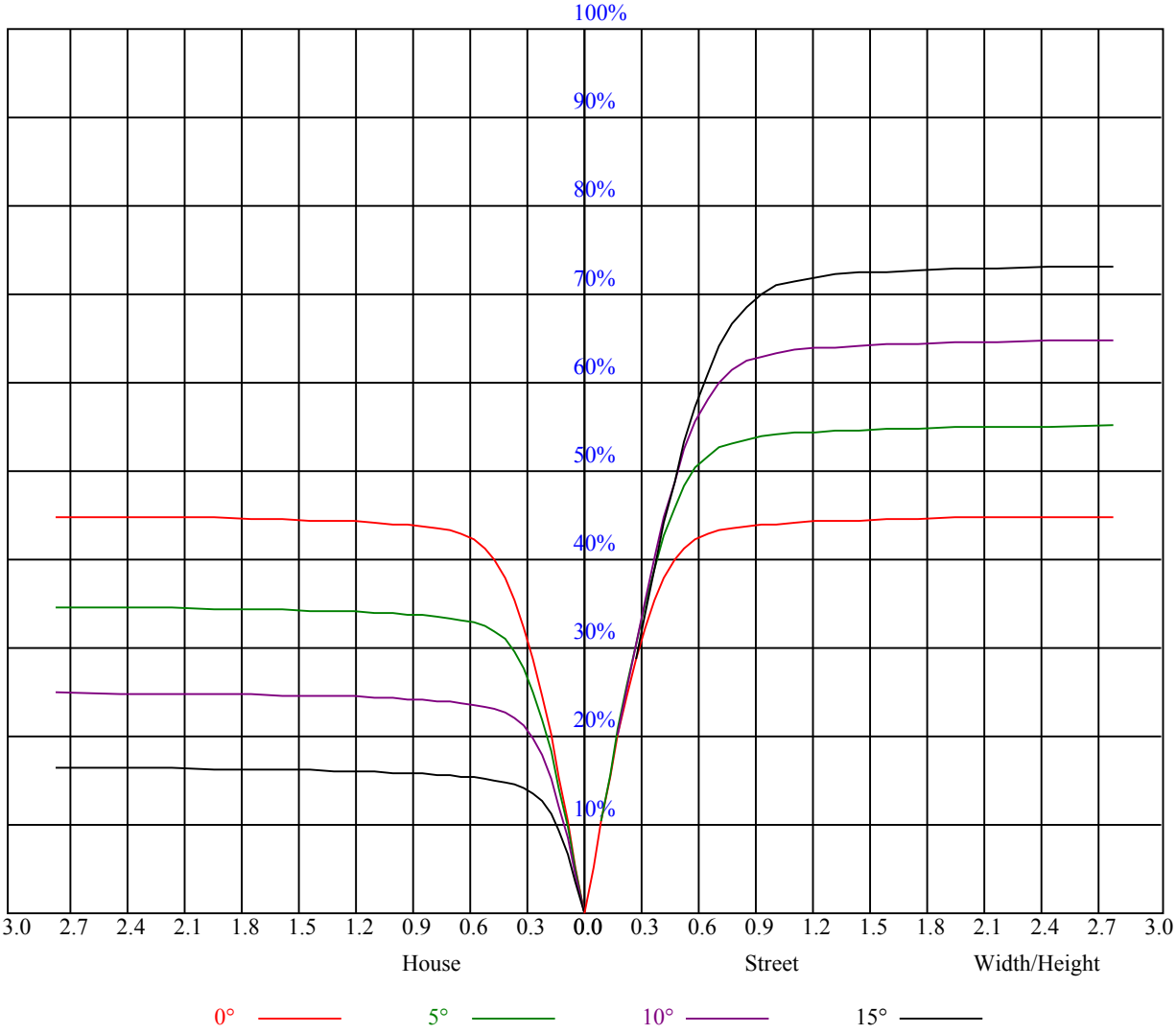


Equipment: GMS1980	Date: 2023/12/07	Operator: NT07
Temperature(°C): 0.0	Humidity(%): 0.0%	Distance(m): 7.44

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	1.08	1.08	1.08	1.05	1.05	1.05	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.90
1	1.01	0.98	0.96	0.99	0.97	0.95	0.95	0.93	0.92	0.92	0.90	0.89	0.88	0.88	0.87	0.85
2	0.94	0.91	0.88	0.93	0.90	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.82	0.80
3	0.89	0.85	0.81	0.88	0.84	0.81	0.85	0.82	0.79	0.83	0.80	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	0.79	0.75	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.74	0.71	0.69	0.68
6	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.64
7	0.72	0.67	0.64	0.71	0.67	0.63	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.61
8	0.69	0.64	0.60	0.68	0.64	0.60	0.67	0.63	0.60	0.66	0.63	0.60	0.65	0.62	0.60	0.58
9	0.65	0.61	0.58	0.65	0.61	0.57	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.56
10	0.63	0.58	0.55	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.53

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2023/12/07	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	1812.83	1820.58	1822.79	1821.69	1818.92	1818.37	1807.85	1791.24	1758.03
45.0	1808.40	1806.74	1810.62	1818.92	1820.58	1818.37	1816.15	1807.85	1794.56
90.0	1801.76	1804.53	1813.94	1813.94	1808.40	1801.21	1790.69	1779.06	1761.35
135.0	1806.19	1802.31	1802.31	1805.08	1808.40	1803.42	1794.01	1781.83	1770.21
180.0	1812.83	1810.62	1805.63	1805.08	1806.74	1808.96	1810.06	1804.53	1797.33
225.0	1808.40	1807.85	1816.15	1820.58	1822.79	1820.58	1817.81	1803.97	1789.03
270.0	1801.76	1806.74	1807.85	1818.37	1826.67	1827.78	1825.56	1821.13	1815.60
315.0	1806.19	1807.30	1812.83	1816.15	1818.92	1816.71	1817.26	1807.30	1792.90
360.0	1812.83	1820.58	1822.79	1821.69	1818.92	1818.37	1807.85	1791.24	1758.03

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1722.60	1688.84	1646.22	1606.36	1555.99	1517.80	1473.51	1408.75	1352.84
45.0	1775.74	1734.23	1697.69	1656.73	1608.02	1570.38	1528.31	1486.24	1421.48
90.0	1730.35	1683.30	1639.02	1588.09	1551.01	1512.26	1454.69	1400.45	1350.07
135.0	1751.39	1719.84	1682.75	1644.00	1605.25	1559.86	1518.90	1474.62	1415.39
180.0	1776.30	1755.82	1724.82	1684.41	1646.77	1613.00	1568.17	1528.87	1477.94
225.0	1766.33	1724.26	1690.50	1651.20	1606.36	1571.49	1532.74	1489.57	1440.85
270.0	1802.31	1782.39	1747.51	1698.80	1659.50	1621.31	1584.77	1537.17	1489.57
315.0	1768.55	1727.59	1691.05	1657.29	1621.31	1573.70	1532.74	1489.01	1420.93
360.0	1722.60	1688.84	1646.22	1606.36	1555.99	1517.80	1473.51	1408.75	1352.84

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1290.85	1102.37	1102.37	1065.61	961.22	868.06	767.48	646.36	553.43
45.0	1366.13	1306.90	1239.92	1150.80	1081.06	1004.67	895.62	799.86	676.97
90.0	1276.45	1087.81	1087.81	1070.65	973.73	883.39	790.78	695.08	600.86
135.0	1365.02	1308.01	1229.40	1157.44	1087.14	1014.08	908.35	812.04	716.83
180.0	1434.77	1382.73	1322.95	1260.96	1176.26	1103.75	1029.58	943.23	827.54
225.0	1370.56	1313.54	1249.33	1087.14	1087.14	1011.09	925.07	803.51	705.92
270.0	1438.64	1370.56	1305.79	1234.39	1143.61	1062.79	962.05	867.94	769.97
315.0	1365.57	1303.02	1101.15	1101.15	1063.23	959.61	866.84	770.85	675.42
360.0	1290.85	1102.37	1102.37	1065.61	961.22	868.06	767.48	646.36	553.43

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	463.59	381.16	289.17	228.28	178.63	141.37	118.51	98.58	86.13
45.0	579.55	489.33	383.60	311.09	294.48	294.48	149.01	118.24	101.91
90.0	486.83	406.63	335.06	254.41	197.06	146.74	120.78	103.68	87.74
135.0	617.75	503.16	417.92	324.93	290.61	290.61	149.90	122.94	105.61
180.0	727.35	605.57	515.34	430.10	334.89	281.75	281.75	162.19	125.21
225.0	585.20	497.08	412.44	315.40	246.99	191.47	150.51	117.13	100.08
270.0	673.10	558.52	468.29	389.14	316.07	281.75	281.75	141.98	116.57
315.0	556.64	465.36	383.60	309.59	226.45	175.08	139.21	112.92	98.58
360.0	463.59	381.16	289.17	228.28	178.63	141.37	118.51	98.58	86.13

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	73.79	65.26	57.51	49.93	44.89	39.19	35.54	32.33	29.61
45.0	88.90	78.21	67.03	59.23	51.42	46.33	41.79	36.87	33.65
90.0	78.05	69.58	62.11	55.41	48.55	43.90	39.74	35.37	32.49
135.0	91.22	77.99	68.86	60.89	53.80	46.50	41.79	37.70	34.21
180.0	106.44	91.83	80.48	69.08	61.28	54.14	46.50	41.63	37.36
225.0	86.68	76.66	68.14	58.67	51.92	45.06	40.35	36.26	32.22
270.0	96.32	83.97	71.96	63.71	56.07	47.94	42.79	38.36	34.49
315.0	87.13	75.45	67.25	57.96	51.81	46.61	41.96	36.98	33.65
360.0	73.79	65.26	57.51	49.93	44.89	39.19	35.54	32.33	29.61

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	26.79	24.80	23.08	21.53	20.15	18.76	17.77	16.83	15.83
45.0	30.94	28.01	25.96	24.13	22.53	20.81	19.60	18.54	17.60
90.0	29.95	27.29	25.41	23.36	21.86	20.59	19.48	18.21	17.33
135.0	30.50	28.06	25.46	23.58	21.92	20.15	18.99	17.88	16.83
180.0	33.05	30.17	27.68	25.13	23.36	21.81	20.09	18.93	17.88
225.0	29.45	27.12	24.63	22.97	21.48	20.15	18.71	17.66	16.83
270.0	30.61	27.95	25.74	23.86	21.81	20.37	19.15	17.82	16.83
315.0	30.78	28.45	25.85	24.08	22.47	21.09	19.54	18.43	17.27
360.0	26.79	24.80	23.08	21.53	20.15	18.76	17.77	16.83	15.83

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.11	14.28	13.62	13.12	12.45	12.01	11.57	11.13	10.68
45.0	16.50	15.78	14.78	14.06	13.34	12.62	12.12	11.68	11.13
90.0	16.50	15.67	14.67	13.95	13.34	12.62	12.18	11.68	11.18
135.0	15.94	15.22	14.56	13.73	13.17	12.62	12.12	11.57	11.18
180.0	16.99	15.94	15.22	14.56	13.89	13.23	12.73	12.29	11.68
225.0	16.05	15.11	14.45	13.78	13.23	12.68	12.07	11.68	11.29
270.0	16.00	15.06	14.39	13.62	13.06	12.57	12.12	11.68	11.18
315.0	16.38	15.61	14.72	14.12	13.51	13.01	12.40	11.96	11.51
360.0	15.11	14.28	13.62	13.12	12.45	12.01	11.57	11.13	10.68

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.35	10.02	9.74	9.41	9.08	8.86	8.52	8.25	7.97
45.0	10.74	10.41	10.07	9.80	9.41	9.13	8.86	8.58	8.25
90.0	10.79	10.46	10.02	9.74	9.41	9.13	8.80	8.58	8.30
135.0	10.79	10.35	10.02	9.63	9.35	9.08	8.86	8.52	8.25
180.0	11.29	10.79	10.46	10.13	9.80	9.47	9.19	8.91	8.64
225.0	10.79	10.41	10.07	9.74	9.47	9.13	8.86	8.58	8.30
270.0	10.79	10.46	10.13	9.74	9.47	9.19	8.86	8.64	8.30
315.0	11.13	10.63	10.30	10.02	9.63	9.35	9.02	8.75	8.52
360.0	10.35	10.02	9.74	9.41	9.08	8.86	8.52	8.25	7.97

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.75	7.53	7.31	7.03	6.81	6.59	6.37	6.09	5.92
45.0	8.03	7.75	7.53	7.31	7.03	6.81	6.64	6.42	6.14
90.0	8.03	7.75	7.58	7.31	7.03	6.81	6.53	6.31	6.14
135.0	8.03	7.80	7.53	7.36	7.14	6.92	6.64	6.42	6.20
180.0	8.36	8.14	7.92	7.64	7.36	7.14	6.86	6.64	6.42
225.0	8.03	7.80	7.58	7.31	7.03	6.81	6.59	6.37	6.09
270.0	8.08	7.86	7.58	7.36	7.14	6.92	6.64	6.42	6.25
315.0	8.25	8.08	8.03	7.53	7.25	6.97	6.75	6.53	6.31
360.0	7.75	7.53	7.31	7.03	6.81	6.59	6.37	6.09	5.92

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.70	5.54	5.42	5.26	5.09	4.93	4.82	4.71	4.71
45.0	5.92	5.70	5.54	5.37	5.26	5.04	4.93	4.82	4.71
90.0	5.87	5.76	5.59	5.42	5.15	5.04	4.93	4.76	4.71
135.0	5.98	5.76	5.59	5.42	5.26	5.04	4.93	4.82	4.71
180.0	6.20	5.98	5.76	5.59	5.42	5.26	5.04	4.93	4.82
225.0	5.92	5.70	5.54	5.42	5.26	5.04	4.93	4.82	4.71
270.0	6.09	5.87	5.65	5.48	5.31	5.26	4.98	4.87	4.76
315.0	6.03	5.87	5.65	5.48	5.31	5.15	4.98	4.87	4.76
360.0	5.70	5.54	5.42	5.26	5.09	4.93	4.82	4.71	4.71

Intensity data(cd)

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