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NATA

LumCAT: 4-1762-E
Luminaire: 92.76.233.00

Report No: NATA0100	Voltage(V): 218.2000
Test No: GC2019022507	Current(A): 0.0770
LampCAT: PL-CORE-AC-2000-G2 LES19	Power (W): 16.7000
Lamp flux(lm): 1789.0	PF: 0.9960
Number of Lamps: 1	Ballast type: DC
Length(mm): 100	Width(mm): 100
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 1592.40
Efficiency(%): 89.01%
Lumens(lm)/Power(W): 95.43
Central intensity(cd): 5876.015
Maximum intensity(cd): 5876.015
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=24.3
[C90/270]Total=24.3
Field angle(10%Imax): [C0/180]Total=63.0
[C90/270]Total=63.0
Maximum s/h(1/2): C0_180=0.41 C90_270=0.41
Maximum s/h(1/4): C0_180=0.41 C90_270=0.41
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 89.09%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.683%

Equipment: GMS1980	Date: 2019/2/25	Operator: NT07
Temperature(°C): 10.0	Humidity(%): 65.0%	Distance(m): 7.50

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5876.016	1.406	1.406	.079%	.088%
1.0	5860.617	11.216	12.622	.627%	.793%
2.0	5803.031	22.209	34.831	1.241%	2.187%
3.0	5690.813	32.661	67.492	1.826%	4.238%
4.0	5537.742	42.361	109.853	2.368%	6.899%
5.0	5328.703	50.929	160.782	2.847%	10.097%
6.0	5091.750	58.365	219.148	3.262%	13.762%
7.0	4791.656	64.037	283.185	3.579%	17.783%
8.0	4481.508	68.396	351.581	3.823%	22.079%
9.0	4123.336	70.735	422.316	3.954%	26.521%
10.0	3733.734	71.099	493.415	3.974%	30.986%
11.0	3367.055	70.453	563.868	3.938%	35.410%
12.0	2997.914	68.352	632.22	3.821%	39.702%
13.0	2621.391	64.665	696.885	3.615%	43.763%
14.0	2277.914	60.432	757.317	3.378%	47.558%
15.0	1981.195	56.231	813.548	3.143%	51.089%
16.0	1700.227	51.392	864.94	2.873%	54.317%
17.0	1477.828	47.382	912.322	2.649%	57.292%
18.0	1242.984	42.121	954.443	2.354%	59.937%
19.0	1116.323	39.855	994.298	2.228%	62.440%
20.0	992.060	37.208	1031.506	2.080%	64.777%
21.0	894.727	35.162	1066.668	1.965%	66.985%
22.0	822.509	33.788	1100.456	1.889%	69.107%
23.0	771.645	33.063	1133.52	1.848%	71.183%
24.0	734.351	32.754	1166.274	1.831%	73.240%
25.0	705.705	32.706	1198.98	1.828%	75.294%
26.0	685.624	32.959	1231.939	1.842%	77.364%
27.0	668.447	33.279	1265.218	1.860%	79.453%
28.0	653.892	33.664	1298.882	1.882%	81.567%
29.0	639.921	34.021	1332.903	1.902%	83.704%
30.0	625.352	34.288	1367.191	1.917%	85.857%
31.0	606.649	34.263	1401.455	1.915%	88.009%
32.0	568.941	33.062	1434.517	1.848%	90.085%
33.0	511.706	30.562	1465.079	1.708%	92.004%
34.0	432.134	26.499	1491.578	1.481%	93.668%
35.0	353.981	22.265	1513.843	1.245%	95.067%
36.0	269.402	17.365	1531.208	.971%	96.157%
37.0	203.316	13.418	1544.626	.750%	97.000%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	114.089	7.703	1552.328	.431%	97.483%
39.0	59.963	4.138	1556.466	.231%	97.743%
40.0	32.948	2.322	1558.789	.130%	97.889%
41.0	23.723	1.707	1560.496	.095%	97.996%
42.0	18.084	1.327	1561.823	.074%	98.080%
43.0	12.066	0.902	1562.725	.050%	98.136%
44.0	7.706	0.587	1563.312	.033%	98.173%
45.0	7.369	0.571	1563.883	.032%	98.209%
46.0	7.249	0.572	1564.455	.032%	98.245%
47.0	7.144	0.573	1565.028	.032%	98.281%
48.0	7.052	0.575	1565.603	.032%	98.317%
49.0	6.961	0.576	1566.179	.032%	98.353%
50.0	6.905	0.580	1566.759	.032%	98.390%
51.0	6.834	0.582	1567.341	.033%	98.426%
52.0	6.792	0.587	1567.928	.033%	98.463%
53.0	6.729	0.589	1568.518	.033%	98.500%
54.0	6.687	0.593	1569.111	.033%	98.537%
55.0	6.652	0.598	1569.708	.033%	98.575%
56.0	6.616	0.602	1570.31	.034%	98.613%
57.0	6.602	0.607	1570.917	.034%	98.651%
58.0	6.553	0.609	1571.527	.034%	98.689%
59.0	6.532	0.614	1572.141	.034%	98.728%
60.0	6.497	0.617	1572.758	.034%	98.766%
61.0	6.483	0.622	1573.379	.035%	98.805%
62.0	6.469	0.626	1574.006	.035%	98.845%
63.0	6.455	0.631	1574.636	.035%	98.884%
64.0	6.434	0.634	1575.27	.035%	98.924%
65.0	6.427	0.639	1575.909	.036%	98.964%
66.0	6.434	0.645	1576.554	.036%	99.005%
67.0	6.405	0.647	1577.2	.036%	99.045%
68.0	6.391	0.650	1577.85	.036%	99.086%
69.0	6.434	0.659	1578.509	.037%	99.127%
70.0	6.441	0.664	1579.173	.037%	99.169%
71.0	6.405	0.664	1579.837	.037%	99.211%
72.0	6.384	0.666	1580.503	.037%	99.253%
73.0	6.370	0.668	1581.171	.037%	99.295%
74.0	6.335	0.668	1581.838	.037%	99.337%
75.0	6.342	0.672	1582.51	.038%	99.379%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.349	0.676	1583.186	.038%	99.421%
77.0	6.335	0.677	1583.863	.038%	99.464%
78.0	6.321	0.678	1584.541	.038%	99.506%
79.0	6.328	0.681	1585.222	.038%	99.549%
80.0	6.328	0.683	1585.905	.038%	99.592%
81.0	6.328	0.685	1586.591	.038%	99.635%
82.0	6.328	0.687	1587.278	.038%	99.678%
83.0	6.300	0.686	1587.964	.038%	99.721%
84.0	6.307	0.688	1588.651	.038%	99.764%
85.0	6.307	0.689	1589.34	.039%	99.808%
86.0	6.300	0.689	1590.03	.039%	99.851%
87.0	6.237	0.683	1590.713	.038%	99.894%
88.0	6.202	0.680	1591.392	.038%	99.937%
89.0	6.159	0.675	1592.068	.038%	99.979%
90.0	6.110	0.335	1592.403	.019%	100.000%

Zonal flux distribution table

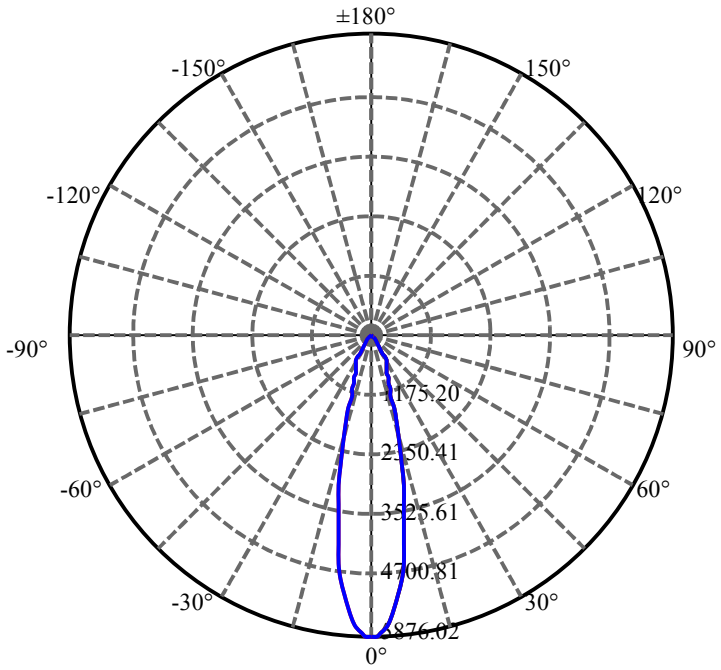
ZONAL LUMEN SUMMARY

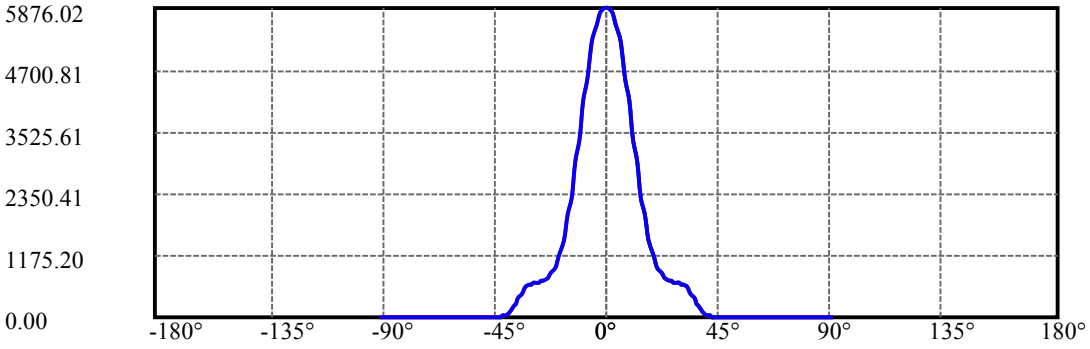
Zone	Lumens	%Lamp	%Fixt
0-30	1367.19	76.42%	85.86%
0-40	1558.79	87.13%	97.89%
0-60	1572.76	87.91%	98.77%
0-90	1592.07	88.99%	99.98%
0-120	1592.07	88.99%	99.98%
0-180	1592.40	89.01%	100.00%
60-90	19.93	1.11%	1.25%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.26	1273.92	71.21%	80.00%

ZONAL LUMEN SUMMARY

0-10	493.41
10-20	538.09
20-30	335.69
30-40	191.60
40-50	7.97
50-60	6.00
60-70	6.41
70-80	6.73
80-90	6.16
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):

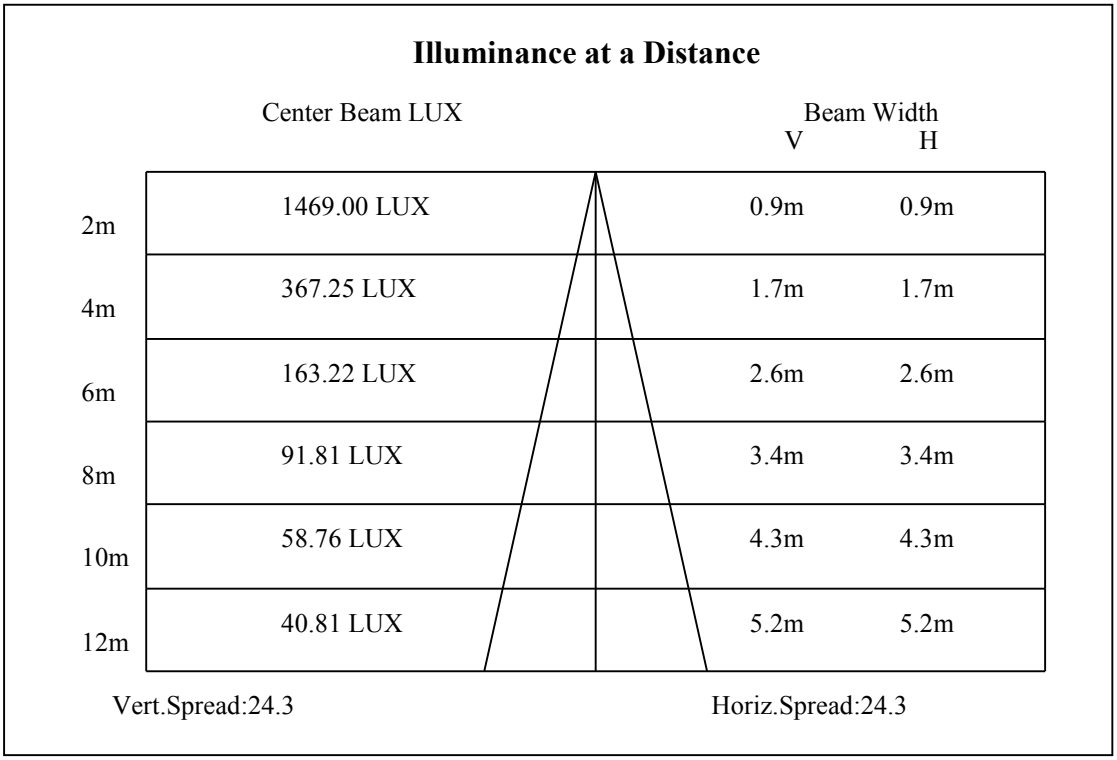
C0/C180:

C90/C270:

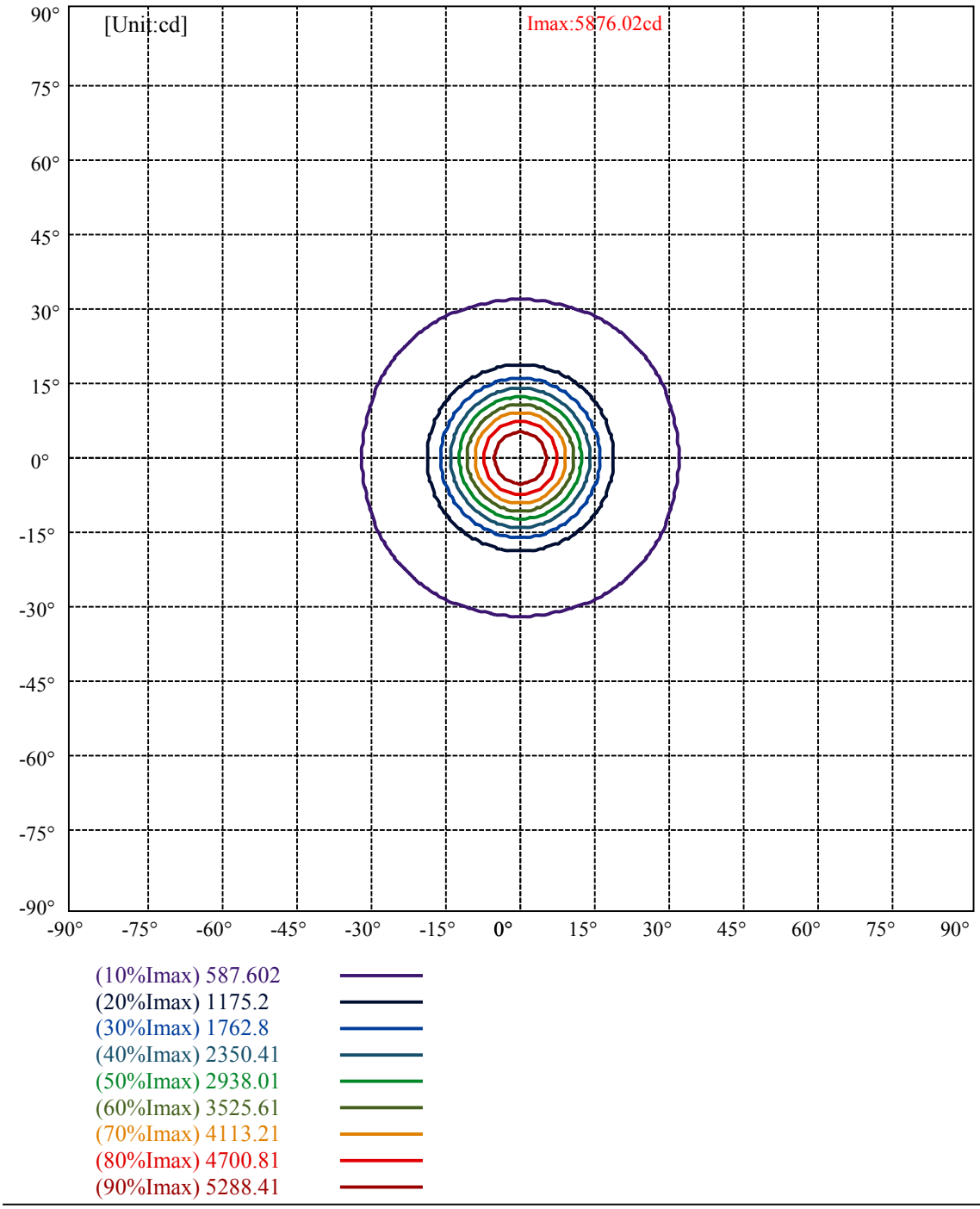
Field angle(10%Imax):C0/180Left:31.5 Right:31.5
:C90/270Left:31.5 Right:31.5

Beam Angle(50%Imax):C0/180Left:12.2 Right:12.2
:C90/270Left:12.2 Right:12.2

Lux distance Curve



ISO-Intensity(V-H)

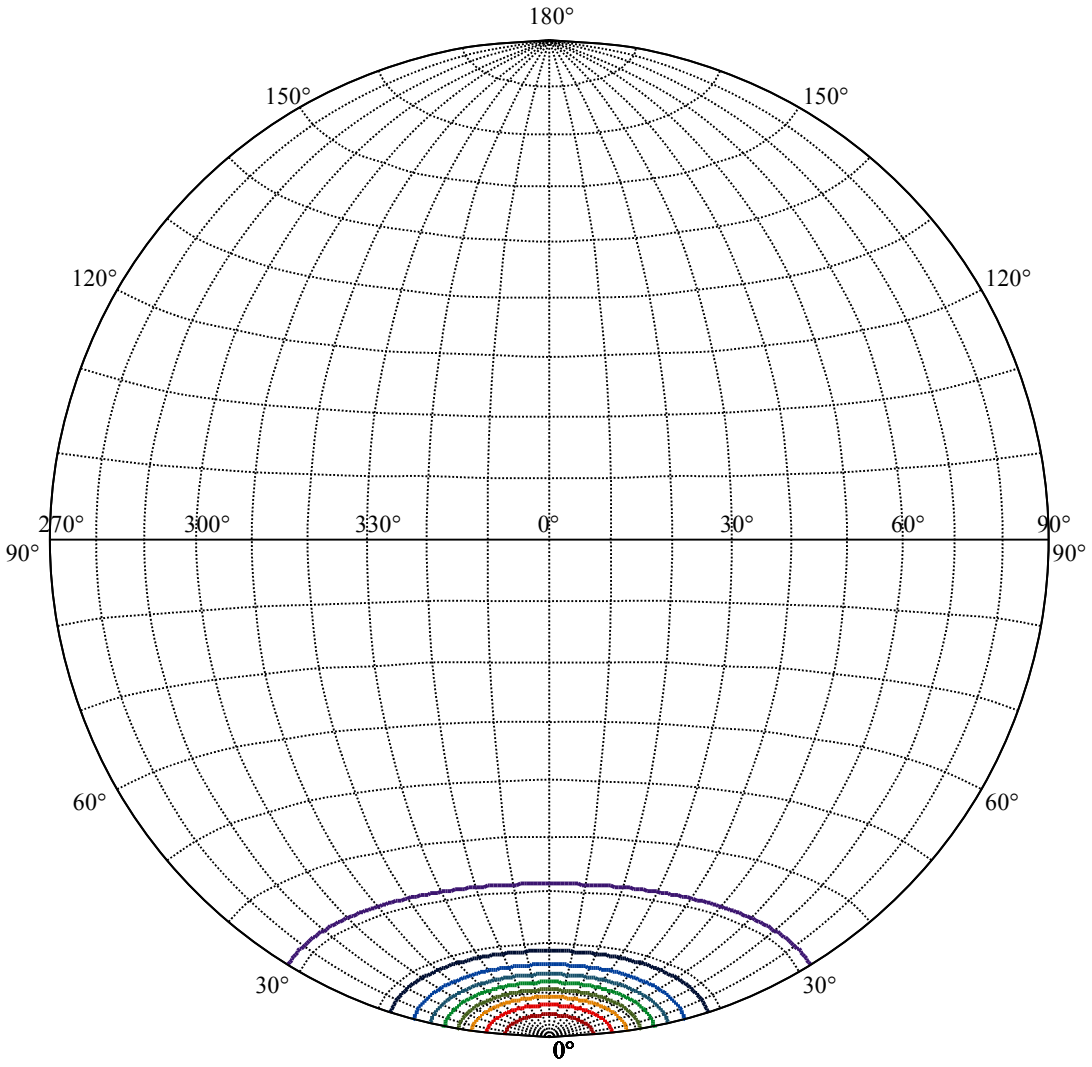


Equipment: GMS1980
Temperature(°C): 10.0

Date: 2019/2/25
Humidity(%): 65.0%

Operator: NT07
Distance(m): 7.50

ISO candela diagram on circular web



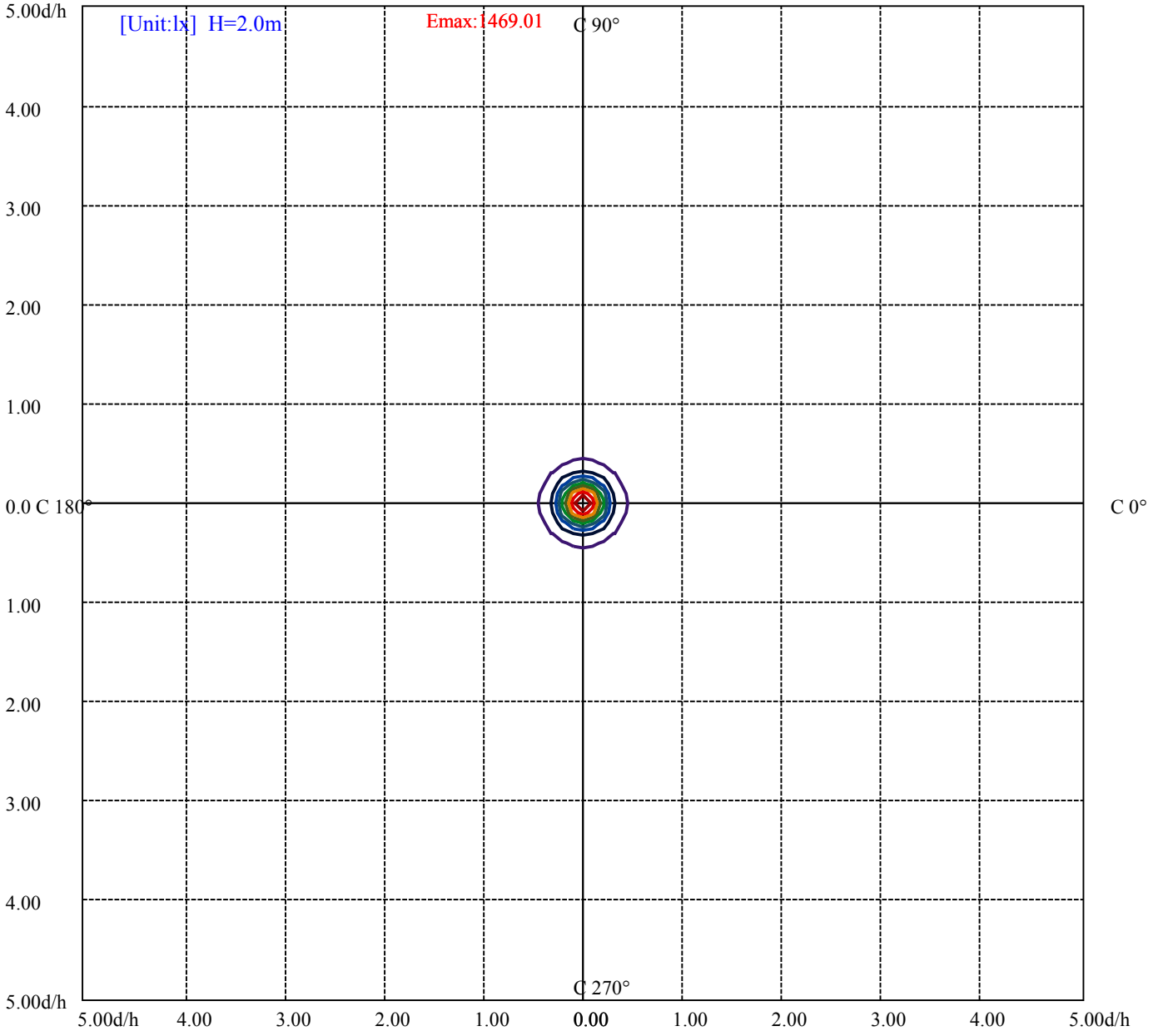
House [Unit:cd] Road

Imax:5876.02

(10%Imax) 587.602
(20%Imax) 1175.2
(30%Imax) 1762.8
(40%Imax) 2350.41
(50%Imax) 2938.01
(60%Imax) 3525.61
(70%Imax) 4113.21
(80%Imax) 4700.81
(90%Imax) 5288.41

Equipment: GMS1980 Date: 2019/2/25 Operator: NT07
Temperature(°C): 10.0 Humidity(%): 65.0% Distance(m): 7.50

ISO illuminance diagram

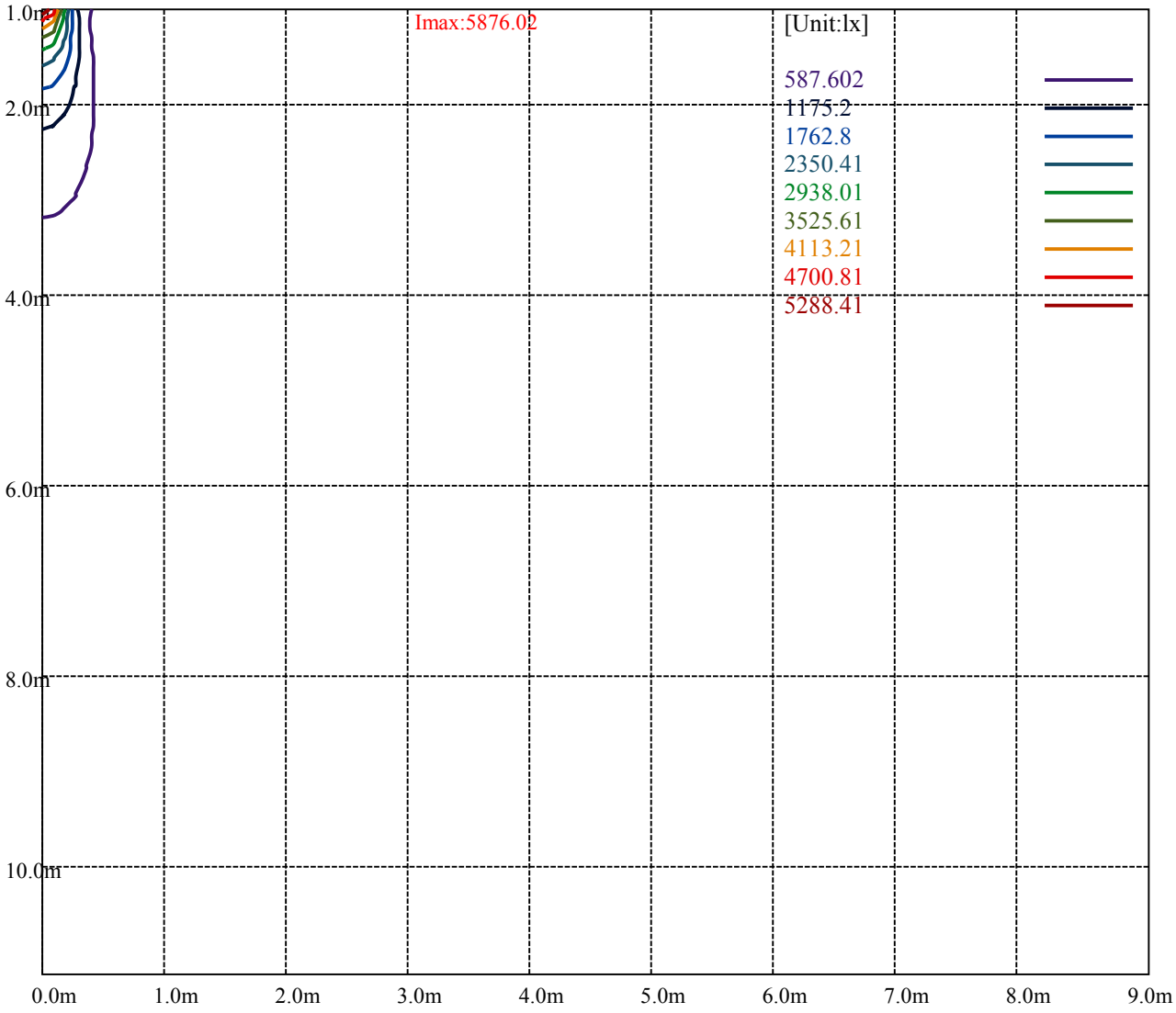


Equipment: GMS1980
Temperature(°C): 10.0

Date: 2019/2/25
Humidity(%): 65.0%

Operator: NT07
Distance(m): 7.50

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 10.0

Date: 2019/2/25
Humidity(%): 65.0%

Operator: NT07
Distance(m): 7.50

Luminance Limitting Curve(no luminous side)

Luminance Table

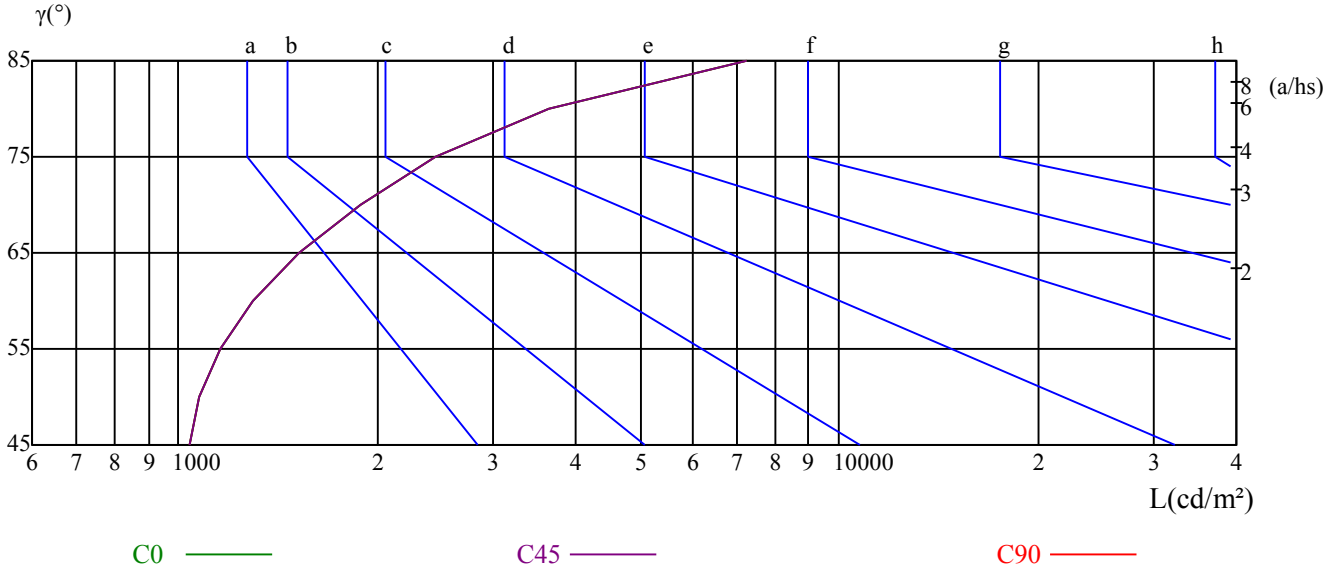
γ	45	50	55	60	65	70	75	80	85
C0	1042	1074	1160	1299	1521	1883	2450	3644	7237
C45	1042	1074	1160	1299	1521	1883	2450	3644	7237
C90	1042	1074	1160	1299	1521	1883	2450	3644	7237

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1521	1521	1521	2450	2450	2450	7237	7237	7237

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

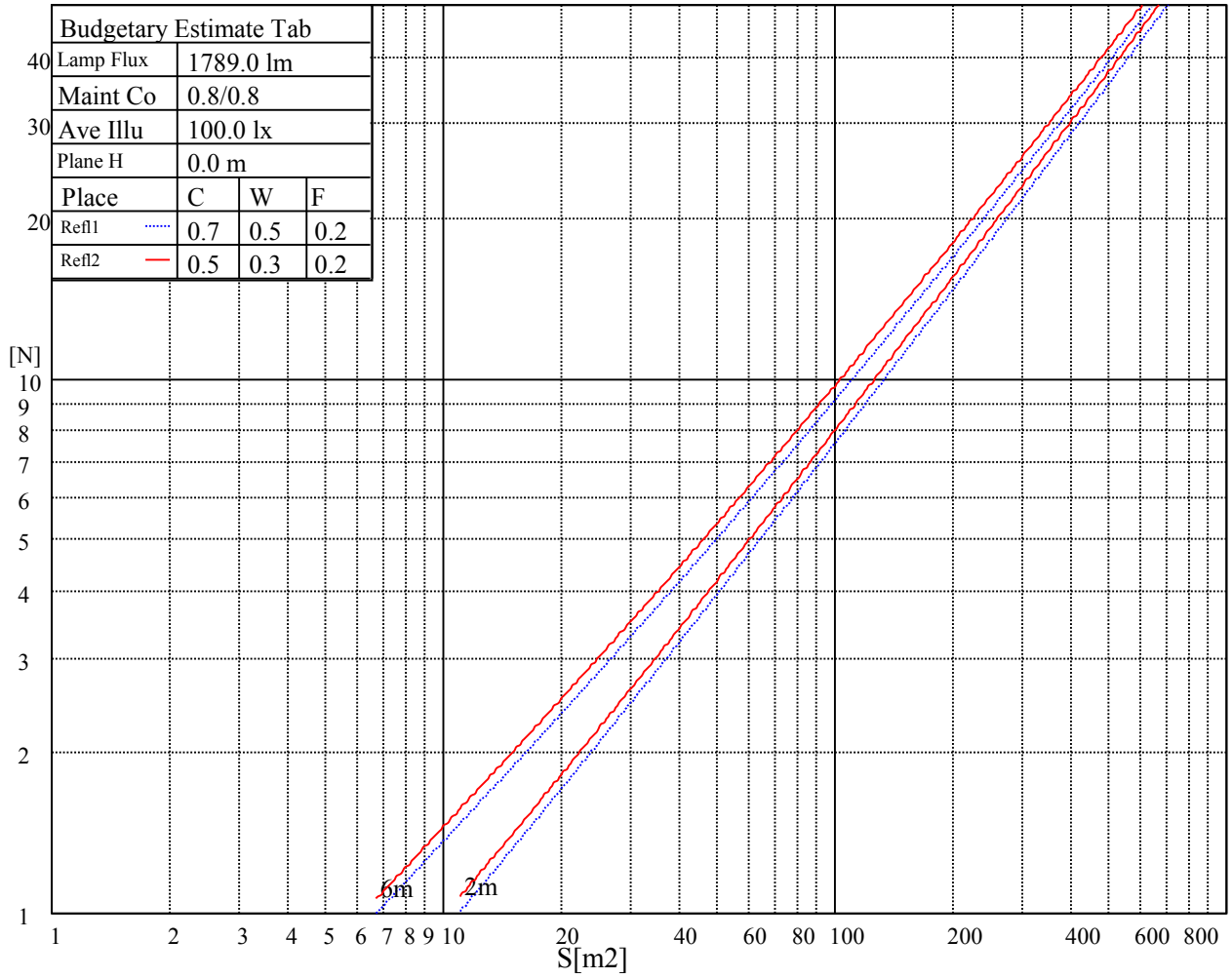


UGR Glare

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	-0.57	0.34	-0.20	0.65	0.97	-0.63	0.28	-0.27	0.59	0.90
	3H	2.80	3.60	3.18	3.93	4.30	2.82	3.62	3.20	3.95	4.32
	4H	4.62	5.36	5.03	5.71	6.10	4.63	5.37	5.04	5.73	6.12
	6H	6.66	7.34	7.08	7.71	8.11	6.64	7.32	7.06	7.69	8.09
	8H	7.78	8.42	8.22	8.81	9.22	7.75	8.39	8.19	8.78	9.19
	12H	9.58	10.19	10.02	10.57	11.00	9.56	10.16	9.99	10.55	10.98
4H	2H	0.39	1.13	0.80	1.49	1.88	0.35	1.09	0.76	1.44	1.83
	3H	4.00	4.60	4.41	5.01	5.42	4.01	4.62	4.43	5.03	5.43
	4H	5.97	6.51	6.41	6.94	7.39	5.98	6.52	6.42	6.95	7.40
	6H	8.14	8.60	8.61	9.05	9.53	8.13	8.59	8.60	9.04	9.52
	8H	9.36	9.79	9.84	10.24	10.72	9.33	9.77	9.81	10.22	10.69
	12H	11.05	11.42	11.54	11.91	12.39	11.03	11.40	11.52	11.89	12.37
8H	4H	6.72	7.15	7.20	7.60	8.08	6.73	7.16	7.20	7.61	8.09
	6H	9.17	9.51	9.68	10.01	10.50	9.14	9.48	9.65	9.99	10.47
	8H	10.57	10.87	11.10	11.39	11.89	10.54	10.84	11.07	11.36	11.86
	12H	12.38	12.64	12.91	13.14	13.72	12.36	12.62	12.89	13.12	13.70
12H	4H	6.93	7.30	7.43	7.79	8.27	6.94	7.31	7.44	7.80	8.28
	6H	9.68	9.79	10.03	10.27	10.82	9.67	9.77	10.01	10.25	10.80
	8H	11.02	11.28	11.55	11.78	12.36	11.00	11.26	11.52	11.76	12.34

Variation with the observer position at spacings:		
S = 1.0H	6.0/-8.3	6.0/-8.3
S = 1.5H	8.3/-6.1	8.3/-6.1
S = 2.0H	9.7/-4.5	9.7/-4.5
Standard tables:	BK2	BK2
Uncorrected UGR	-2.4	-2.4

Budgetary Estimate Table

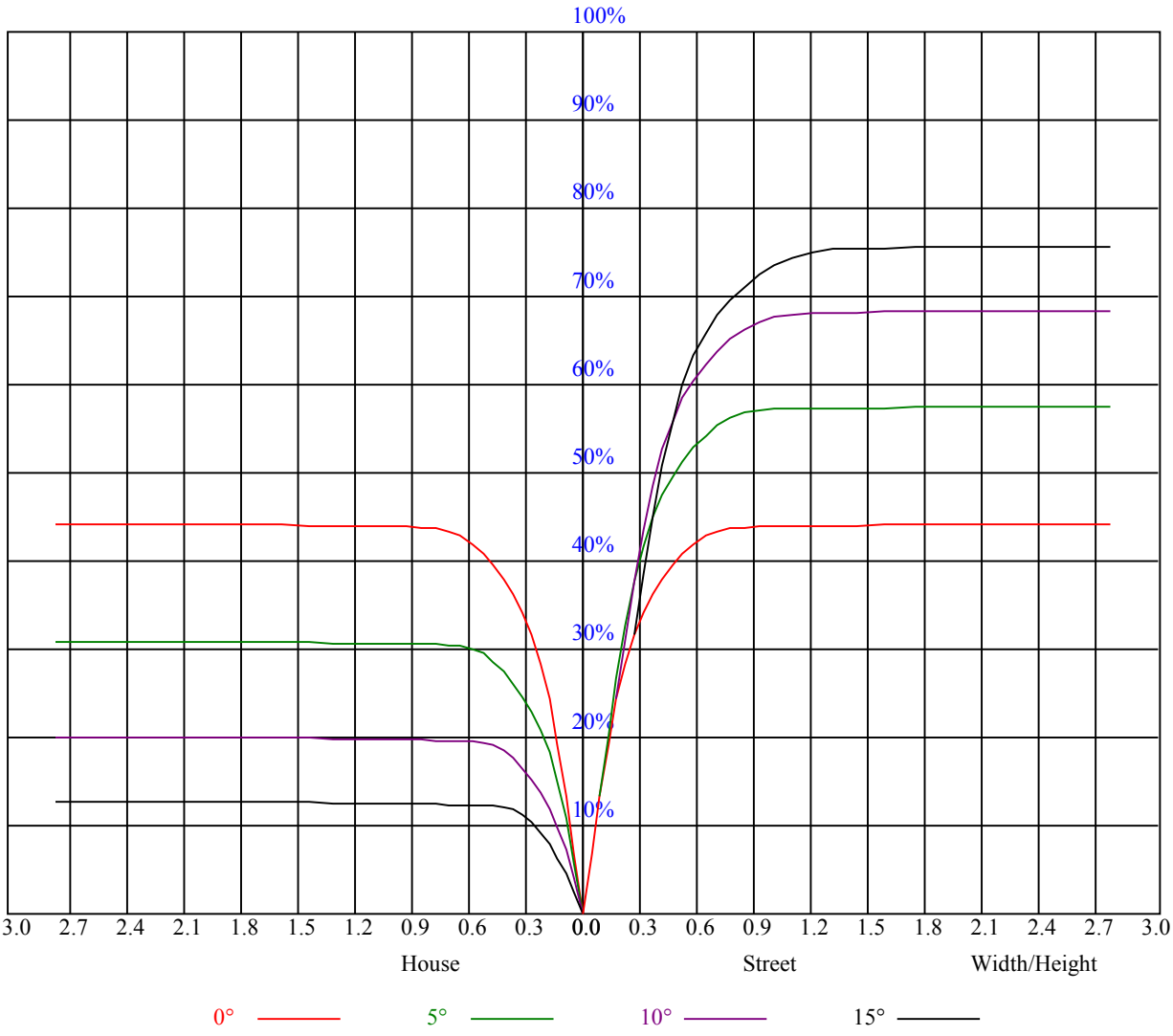


Equipment: GMS1980 Date: 2019/2/25 Operator: NT07
Temperature(°C): 10.0 Humidity(%): 65.0% Distance(m): 7.50

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	1.00	0.98	0.96	0.98	0.96	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85
2	0.94	0.91	0.89	0.93	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.85	0.84	0.82	0.81
3	0.90	0.86	0.83	0.88	0.85	0.82	0.86	0.83	0.81	0.84	0.82	0.80	0.82	0.80	0.79	0.77
4	0.85	0.81	0.78	0.84	0.81	0.78	0.83	0.79	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.74
5	0.82	0.77	0.74	0.81	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
6	0.78	0.74	0.71	0.78	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.74	0.72	0.69	0.68
7	0.75	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	0.72	0.68	0.65	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.67	0.64	0.64
9	0.70	0.66	0.63	0.69	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.62	0.67	0.64	0.62	0.61
10	0.67	0.63	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2019/2/25	Operator: NT07
Temperature(°C): 10.0	Humidity(%): 65.0%	Distance(m): 7.50

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	5869.13	5872.50	5824.13	5735.81	5604.19	5386.50	5173.31	4921.88	4591.69
45.0	5879.81	5874.19	5826.38	5742.56	5593.50	5392.13	5173.88	4888.13	4597.31
90.0	5881.50	5864.63	5813.44	5694.19	5541.19	5344.31	5076.00	4767.19	4469.63
135.0	5873.63	5870.25	5825.81	5758.88	5608.69	5404.50	5211.00	4893.75	4615.88
180.0	5869.13	5835.94	5757.19	5627.25	5456.81	5217.19	4973.63	4668.75	4327.88
225.0	5879.81	5852.25	5789.25	5649.19	5483.81	5280.75	5016.94	4710.94	4406.06
270.0	5881.50	5867.44	5811.75	5716.13	5556.94	5348.25	5121.00	4816.69	4503.94
315.0	5873.63	5847.75	5776.31	5602.50	5456.81	5256.00	4988.25	4665.94	4339.69
360.0	5869.13	5872.50	5824.13	5735.81	5604.19	5386.50	5173.31	4921.88	4591.69

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4227.75	3881.25	3473.44	3111.75	2721.38	2349.56	2050.31	1751.63	1499.06
45.0	4238.44	3849.75	3492.00	3134.81	2698.31	2372.63	2075.06	1744.31	1524.38
90.0	4106.81	3720.38	3375.00	2989.13	2657.25	2310.19	2000.81	1755.00	1537.31
135.0	4317.75	3913.88	3573.00	3231.00	2811.94	2493.56	2199.38	1864.13	1635.19
180.0	4002.75	3620.25	3240.00	2905.31	2580.19	2201.63	1931.06	1688.63	1448.44
225.0	4032.56	3638.81	3280.50	2882.81	2547.00	2202.75	1891.69	1646.44	1434.94
270.0	4119.19	3717.00	3349.69	2985.19	2551.50	2230.31	1938.94	1620.56	1407.94
315.0	3941.44	3528.56	3152.81	2743.31	2403.56	2062.69	1762.31	1531.13	1335.38
360.0	4227.75	3881.25	3473.44	3111.75	2721.38	2349.56	2050.31	1751.63	1499.06

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1312.31	1159.31	1011.94	922.50	852.19	795.94	753.75	726.19	703.13
45.0	1327.50	1146.94	1009.69	907.88	824.06	769.50	731.25	704.25	684.00
90.0	1305.56	1116.73	1024.43	903.26	829.29	774.56	734.68	697.39	675.84
135.0	1424.81	1227.38	1073.81	957.38	857.81	792.00	746.44	712.69	690.19
180.0	1114.54	1095.92	952.65	864.73	799.65	752.63	719.66	690.53	670.56
225.0	1116.17	1084.84	977.23	876.04	815.51	771.19	729.56	706.50	686.70
270.0	1234.13	1077.75	959.06	878.06	811.13	764.44	734.63	709.31	691.31
315.0	1108.86	1021.73	927.68	847.97	790.43	752.91	724.84	698.79	683.27
360.0	1312.31	1159.31	1011.94	922.50	852.19	795.94	753.75	726.19	703.13

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	684.00	670.50	657.00	642.38	625.50	596.25	541.69	470.25	398.81
45.0	667.13	653.06	642.38	628.31	612.56	581.63	526.50	443.81	373.50
90.0	658.29	640.07	626.91	611.83	593.10	566.83	512.83	433.69	357.92
135.0	669.38	653.06	639.56	628.88	609.75	588.94	535.50	446.06	368.44
180.0	654.58	640.74	625.78	608.29	590.23	531.73	466.99	393.02	306.17
225.0	668.25	651.94	639.11	618.69	603.17	555.92	488.19	415.97	336.15
270.0	676.13	663.19	650.81	639.00	618.19	581.63	530.44	438.75	354.38
315.0	669.83	658.58	637.82	625.44	600.69	548.61	491.51	415.52	336.49
360.0	684.00	670.50	657.00	642.38	625.50	596.25	541.69	470.25	398.81

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	312.19	292.50	144.39	76.16	38.53	28.13	20.03	13.50	7.88
45.0	294.19	285.75	130.56	76.39	40.11	25.71	18.96	14.12	7.54
90.0	267.41	181.01	114.08	62.72	34.43	26.78	22.73	16.26	7.54
135.0	285.75	200.70	131.01	80.04	38.87	22.84	18.56	14.34	8.72
180.0	225.68	159.64	102.66	48.26	27.28	20.98	17.61	12.94	7.37
225.0	235.80	162.00	96.81	39.21	25.26	20.31	16.03	9.00	7.54
270.0	290.81	188.33	102.83	54.11	28.97	20.87	14.29	8.72	7.59
315.0	243.39	156.60	90.39	42.81	30.15	24.19	16.48	7.65	7.48
360.0	312.19	292.50	144.39	76.16	38.53	28.13	20.03	13.50	7.88

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	7.37	7.26	7.09	7.03	6.92	6.86	6.81	6.75	6.64
45.0	7.31	7.20	7.09	6.98	6.92	6.92	6.81	6.81	6.75
90.0	7.37	7.26	7.14	7.09	7.03	6.92	6.86	6.81	6.75
135.0	7.48	7.37	7.26	7.20	7.03	6.98	6.92	6.92	6.81
180.0	7.26	7.14	7.09	7.03	6.98	6.86	6.81	6.75	6.75
225.0	7.37	7.26	7.20	7.03	6.98	6.92	6.86	6.81	6.75
270.0	7.43	7.31	7.20	7.09	6.98	6.92	6.86	6.81	6.75
315.0	7.37	7.20	7.09	6.98	6.86	6.86	6.75	6.69	6.64
360.0	7.37	7.26	7.09	7.03	6.92	6.86	6.81	6.75	6.64

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	6.58	6.58	6.53	6.53	6.47	6.47	6.41	6.41	6.36
45.0	6.69	6.64	6.58	6.58	6.53	6.53	6.47	6.47	6.47
90.0	6.69	6.69	6.69	6.64	6.58	6.53	6.53	6.53	6.47
135.0	6.75	6.69	6.69	6.64	6.64	6.58	6.53	6.53	6.53
180.0	6.69	6.64	6.58	6.64	6.53	6.53	6.53	6.47	6.47
225.0	6.69	6.69	6.64	6.64	6.58	6.58	6.53	6.53	6.53
270.0	6.75	6.69	6.64	6.64	6.58	6.58	6.53	6.53	6.53
315.0	6.64	6.58	6.58	6.53	6.53	6.47	6.47	6.41	6.41
360.0	6.58	6.58	6.53	6.53	6.47	6.47	6.41	6.41	6.36

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	6.41	6.36	6.36	6.41	6.36	6.36	6.58	6.58	6.53
45.0	6.47	6.41	6.41	6.41	6.36	6.41	6.36	6.36	6.36
90.0	6.47	6.41	6.41	6.41	6.36	6.30	6.36	6.36	6.36
135.0	6.47	6.47	6.47	6.41	6.41	6.41	6.41	6.41	6.36
180.0	6.47	6.41	6.47	6.47	6.41	6.41	6.41	6.41	6.41
225.0	6.53	6.53	6.47	6.47	6.47	6.47	6.41	6.47	6.41
270.0	6.47	6.47	6.41	6.47	6.47	6.41	6.41	6.41	6.41
315.0	6.36	6.41	6.41	6.41	6.41	6.36	6.53	6.53	6.41
360.0	6.41	6.36	6.36	6.41	6.36	6.36	6.58	6.58	6.53

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.41	6.36	6.30	6.30	6.30	6.30	6.24	6.30	6.24
45.0	6.36	6.36	6.30	6.30	6.30	6.30	6.30	6.30	6.30
90.0	6.36	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30
135.0	6.36	6.36	6.36	6.36	6.36	6.30	6.30	6.30	6.30
180.0	6.41	6.41	6.36	6.36	6.36	6.36	6.30	6.30	6.30
225.0	6.41	6.41	6.41	6.41	6.47	6.41	6.41	6.41	6.47
270.0	6.41	6.41	6.36	6.36	6.41	6.41	6.41	6.41	6.41
315.0	6.36	6.36	6.30	6.36	6.30	6.30	6.30	6.30	6.30
360.0	6.41	6.36	6.30	6.30	6.30	6.30	6.24	6.30	6.24

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.24	6.30	6.24	6.24	6.30	6.24	6.19	6.13	6.13
45.0	6.30	6.30	6.30	6.24	6.30	6.30	6.19	6.19	6.13
90.0	6.24	6.24	6.24	6.30	6.24	6.24	6.19	6.19	6.13
135.0	6.30	6.30	6.24	6.30	6.30	6.30	6.24	6.19	6.19
180.0	6.36	6.36	6.30	6.30	6.30	6.30	6.24	6.19	6.13
225.0	6.47	6.41	6.41	6.41	6.41	6.41	6.36	6.30	6.24
270.0	6.41	6.41	6.36	6.36	6.36	6.36	6.30	6.24	6.19
315.0	6.30	6.30	6.30	6.30	6.24	6.24	6.19	6.19	6.13
360.0	6.24	6.30	6.24	6.24	6.30	6.24	6.19	6.13	6.13

Intensity data(cd)

C/γ(°)	90.0
0.0	6.08
45.0	6.13
90.0	6.08
135.0	6.13
180.0	6.13
225.0	6.13
270.0	6.13
315.0	6.08
360.0	6.08