NATA LIGHTING CO.,LTD
www.nata.cn
Email:info@nata.cn
Tel:+86 0750-377 0000(10 lines) Fax:+86 0750-377 1111
Address:380JinOu Road,Gaoxin Zone,Jiang Men City,Guangdong,China

Nata

LumCAT: 4-2275-M
Luminaire: 92.70.131.00
Report No: GC2017071907
Test No: NT-0010
LampCAT: SEOUL SAWx15
Lamp flux(lm): 2937.0
Number of Lamps: 1
Length(mm): 100
Phm Type: C

Voltage(V): 34.7600
Current(A): 0.6000
Power (W): 20.8560
PF: 0.0000
Ballast type: DC
Width(mm): 100
Height(mm): 0

Photometric Results

Lumens(lm): 2598.01
Efficiency(%): 88.46%
Lumens(lm)/Power(W): 124.57
Central intensity(cd): 13821.080
Maximum intensity(cd): 13821.080
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=18.9
[C90/270]Total=18.9
Field angle(10%Imax): [C0/180]Total=39.2
[C90/270]Total=39.2
Maximum s/h(1/2): C0_180=0.32 C90_270=0.32
Maximum s/h(1/4): C0_180=0.33 C90_270=0.33
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 88.46%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.717%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	13821.075	0.000	0	.000%	.000%
1.0	13727.163	13.181	13.181	.449%	.507%
2.0	13409.949	38.950	52.131	1.326%	2.007%
3.0	12883.971	62.886	115.017	2.141%	4.427%
4.0	12298.517	84.294	199.311	2.870%	7.672%
5.0	11425.065	102.058	301.369	3.475%	11.600%
6.0	10548.761	115.478	416.847	3.932%	16.045%
7.0	9496.598	124.421	541.268	4.236%	20.834%
8.0	8437.687	128.352	669.621	4.370%	25.774%
9.0	7348.724	127.940	797.561	4.356%	30.699%
10.0	6319.726	123.694	921.255	4.212%	35.460%
11.0	5382.344	116.928	1038.183	3.981%	39.961%
12.0	4574.770	108.846	1147.029	3.706%	44.150%
13.0	3877.108	100.302	1247.331	3.415%	48.011%
14.0	3218.054	90.817	1338.149	3.092%	51.507%
15.0	2739.172	81.783	1419.932	2.785%	54.655%
16.0	2376.602	74.960	1494.892	2.552%	57.540%
17.0	2006.379	68.255	1563.147	2.324%	60.167%
18.0	1700.435	61.117	1624.265	2.081%	62.520%
19.0	1490.948	55.524	1679.788	1.890%	64.657%
20.0	1310.129	51.267	1731.056	1.746%	66.630%
21.0	1186.756	47.945	1779.001	1.632%	68.476%
22.0	1105.123	46.056	1825.057	1.568%	70.248%
23.0	1049.401	45.208	1870.265	1.539%	71.988%
24.0	1011.071	45.049	1915.314	1.534%	73.722%
25.0	987.252	45.438	1960.752	1.547%	75.471%
26.0	968.713	46.171	2006.923	1.572%	77.249%
27.0	950.961	46.965	2053.888	1.599%	79.056%
28.0	936.449	47.785	2101.673	1.627%	80.896%
29.0	920.791	48.591	2150.264	1.654%	82.766%
30.0	905.292	49.304	2199.567	1.679%	84.664%
31.0	884.826	49.816	2249.384	1.696%	86.581%
32.0	843.115	49.503	2298.887	1.686%	88.487%
33.0	782.336	47.886	2346.774	1.630%	90.330%
34.0	699.812	44.854	2391.628	1.527%	92.056%
35.0	598.136	40.309	2431.937	1.372%	93.608%
36.0	479.884	34.324	2466.262	1.169%	94.929%
37.0	358.292	27.337	2493.598	.931%	95.981%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	250.961	20.336	2513.934	.692%	96.764%
39.0	156.938	13.923	2527.857	.474%	97.300%
40.0	93.815	8.745	2536.602	.298%	97.636%
41.0	48.264	5.059	2541.662	.172%	97.831%
42.0	25.516	2.681	2544.342	.091%	97.934%
43.0	19.763	1.677	2546.02	.057%	97.999%
44.0	16.918	1.384	2547.404	.047%	98.052%
45.0	14.727	1.216	2548.62	.041%	98.099%
46.0	13.781	1.115	2549.735	.038%	98.142%
47.0	13.468	1.084	2550.819	.037%	98.184%
48.0	13.162	1.076	2551.895	.037%	98.225%
49.0	12.911	1.071	2552.966	.036%	98.266%
50.0	12.675	1.067	2554.033	.036%	98.307%
51.0	12.473	1.064	2555.097	.036%	98.348%
52.0	12.313	1.064	2556.16	.036%	98.389%
53.0	12.132	1.063	2557.224	.036%	98.430%
54.0	11.944	1.061	2558.285	.036%	98.471%
55.0	11.798	1.060	2559.345	.036%	98.512%
56.0	11.666	1.060	2560.405	.036%	98.553%
57.0	11.576	1.063	2561.468	.036%	98.594%
58.0	11.492	1.067	2562.534	.036%	98.635%
59.0	11.402	1.070	2563.605	.036%	98.676%
60.0	11.276	1.071	2564.676	.036%	98.717%
61.0	11.179	1.072	2565.748	.036%	98.758%
62.0	11.116	1.074	2566.822	.037%	98.800%
63.0	11.082	1.080	2567.902	.037%	98.841%
64.0	11.012	1.084	2568.986	.037%	98.883%
65.0	10.956	1.087	2570.073	.037%	98.925%
66.0	10.880	1.089	2571.162	.037%	98.967%
67.0	10.838	1.092	2572.254	.037%	99.009%
68.0	10.782	1.095	2573.35	.037%	99.051%
69.0	10.762	1.099	2574.449	.037%	99.093%
70.0	10.727	1.104	2575.552	.038%	99.136%
71.0	10.685	1.107	2576.659	.038%	99.178%
72.0	10.629	1.108	2577.767	.038%	99.221%
73.0	10.581	1.109	2578.876	.038%	99.264%
74.0	10.574	1.112	2579.989	.038%	99.306%
75.0	10.539	1.116	2581.104	.038%	99.349%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.553	1.120	2582.224	.038%	99.392%
77.0	10.497	1.122	2583.346	.038%	99.436%
78.0	10.456	1.122	2584.468	.038%	99.479%
79.0	10.456	1.124	2585.591	.038%	99.522%
80.0	10.421	1.125	2586.717	.038%	99.565%
81.0	10.421	1.127	2587.844	.038%	99.609%
82.0	10.393	1.129	2588.973	.038%	99.652%
83.0	10.386	1.130	2590.102	.038%	99.696%
84.0	10.372	1.131	2591.233	.039%	99.739%
85.0	10.344	1.131	2592.364	.038%	99.783%
86.0	10.330	1.130	2593.494	.038%	99.826%
87.0	10.316	1.130	2594.624	.038%	99.870%
88.0	10.303	1.129	2595.753	.038%	99.913%
89.0	10.282	1.128	2596.881	.038%	99.957%
90.0	10.261	1.126	2598.008	.038%	100.000%

Zonal flux distribution table

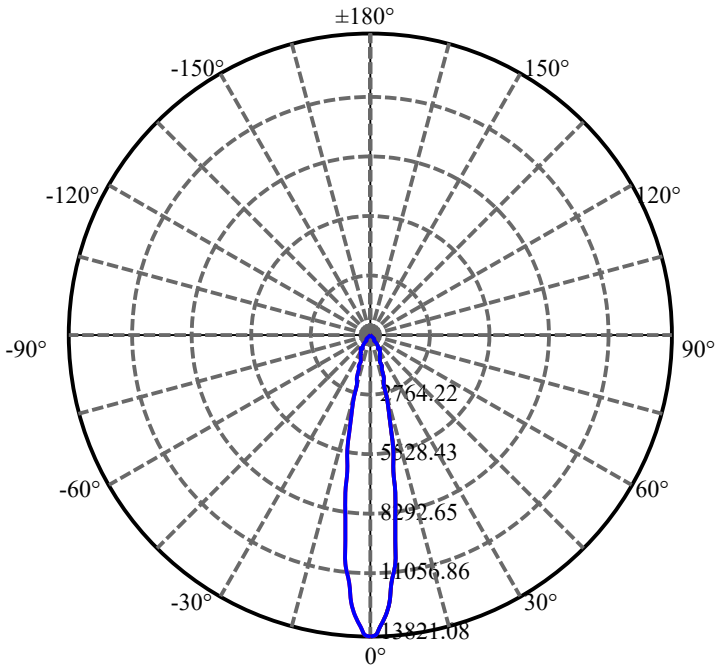
ZONAL LUMEN SUMMARY

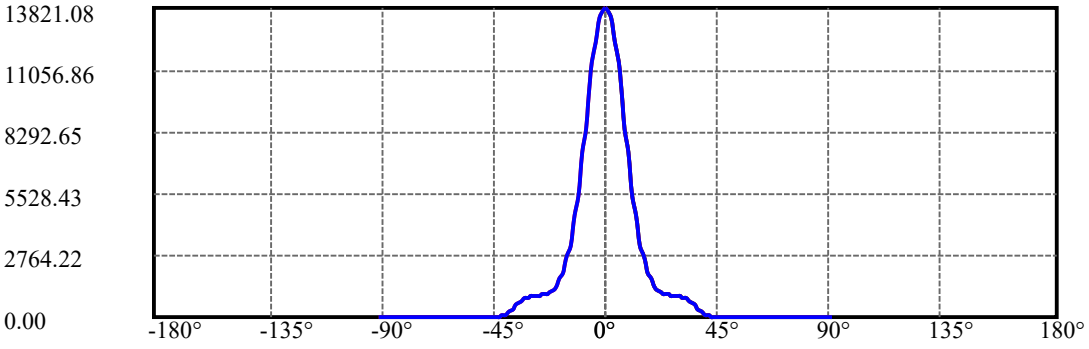
Zone	Lumens	%Lamp	%Fixt
0-30	2199.57	74.89%	84.66%
0-40	2536.60	86.37%	97.64%
0-60	2564.68	87.32%	98.72%
0-90	2596.88	88.42%	99.96%
0-120	2596.88	88.42%	99.96%
0-180	2598.01	88.46%	100.00%
60-90	33.28	1.13%	1.28%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-27.51	2078.41	70.77%	80.00%

ZONAL LUMEN SUMMARY

0-10	921.26
10-20	809.80
20-30	468.51
30-40	337.03
40-50	17.43
50-60	10.64
60-70	10.88
70-80	11.16
80-90	10.16
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):

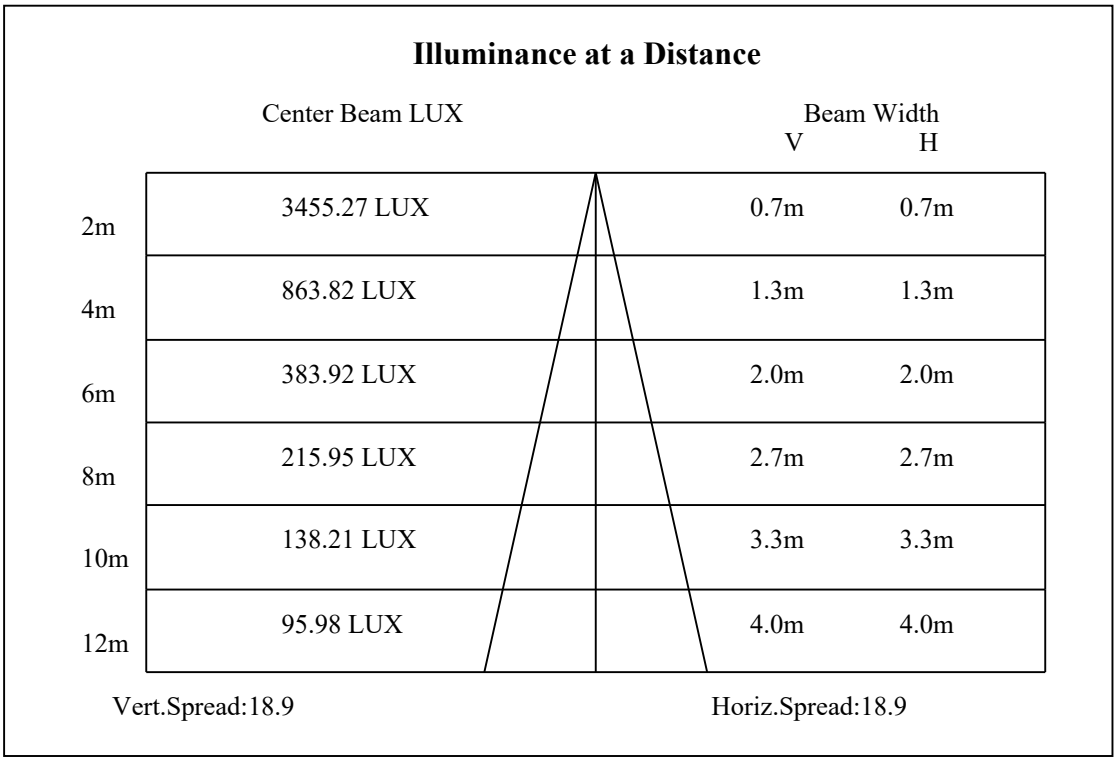
C0/C180:

C90/C270:

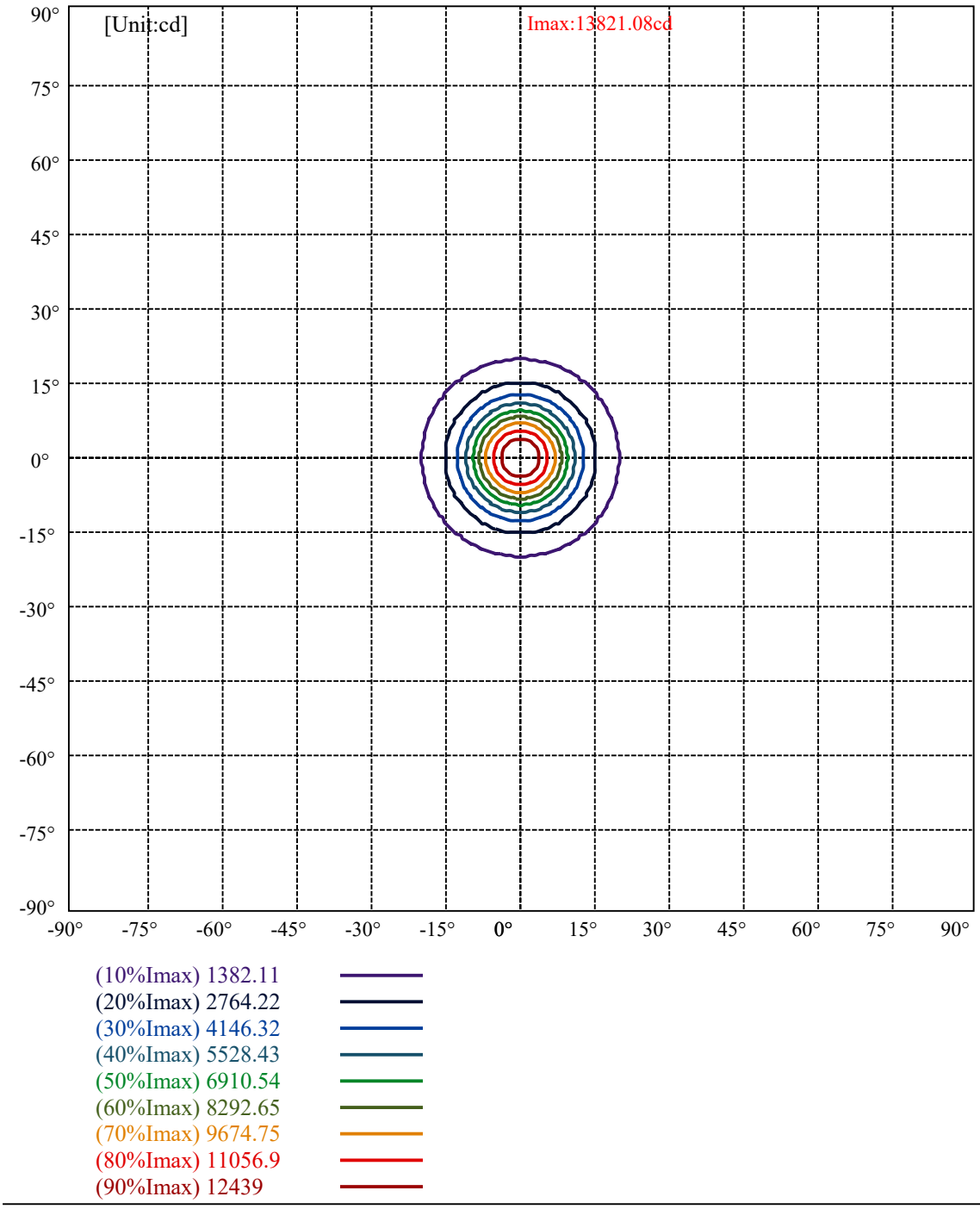
Field angle(10%Imax):C0/180Left:19.6 Right:19.6
:C90/270Left:19.6 Right:19.6

Beam Angle(50%Imax):C0/180Left:9.4 Right:9.4
:C90/270Left:9.4 Right:9.4

Lux distance Curve



ISO-Intensity(V-H)



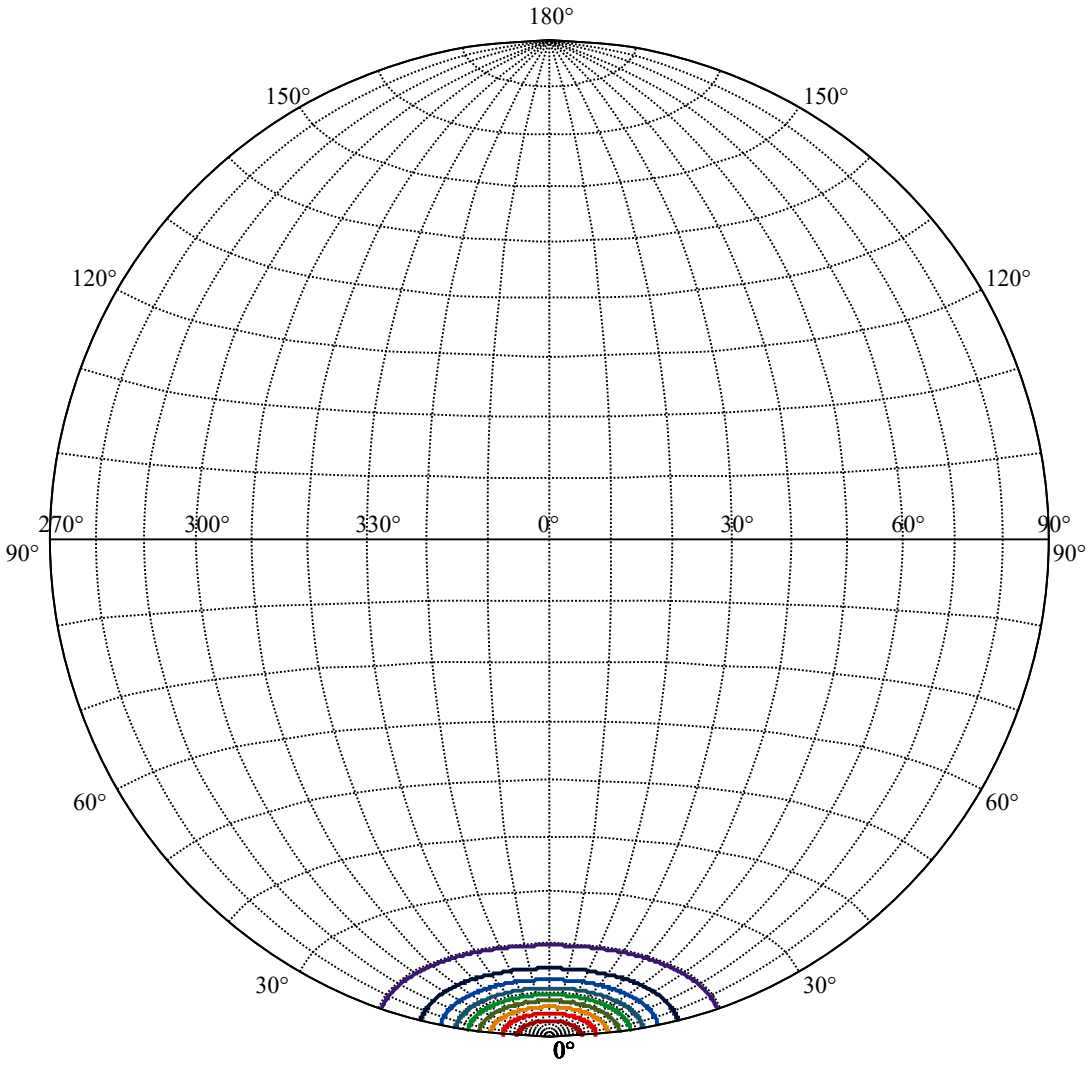
(10%Imax) 1382.11
(20%Imax) 2764.22
(30%Imax) 4146.32
(40%Imax) 5528.43
(50%Imax) 6910.54
(60%Imax) 8292.65
(70%Imax) 9674.75
(80%Imax) 11056.9
(90%Imax) 12439

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/19
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

ISO candela diagram on circular web



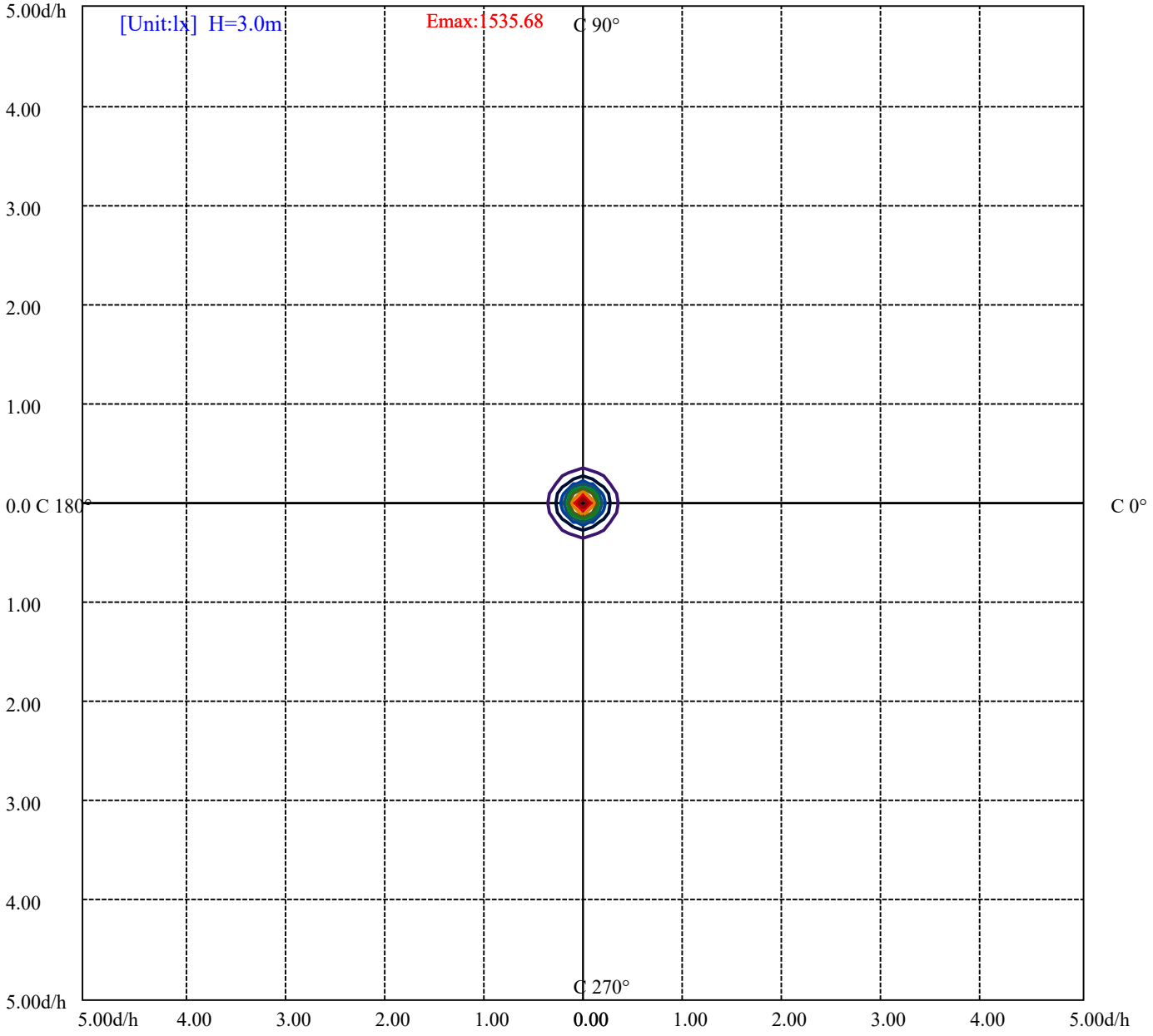
[Unit:cd]

Imax:13821.08

(10%Imax) 1382.11
(20%Imax) 2764.22
(30%Imax) 4146.32
(40%Imax) 5528.43
(50%Imax) 6910.54
(60%Imax) 8292.65
(70%Imax) 9674.75
(80%Imax) 11056.9
(90%Imax) 12439

Equipment: GMS1980	Date: 2017/7/19	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.46

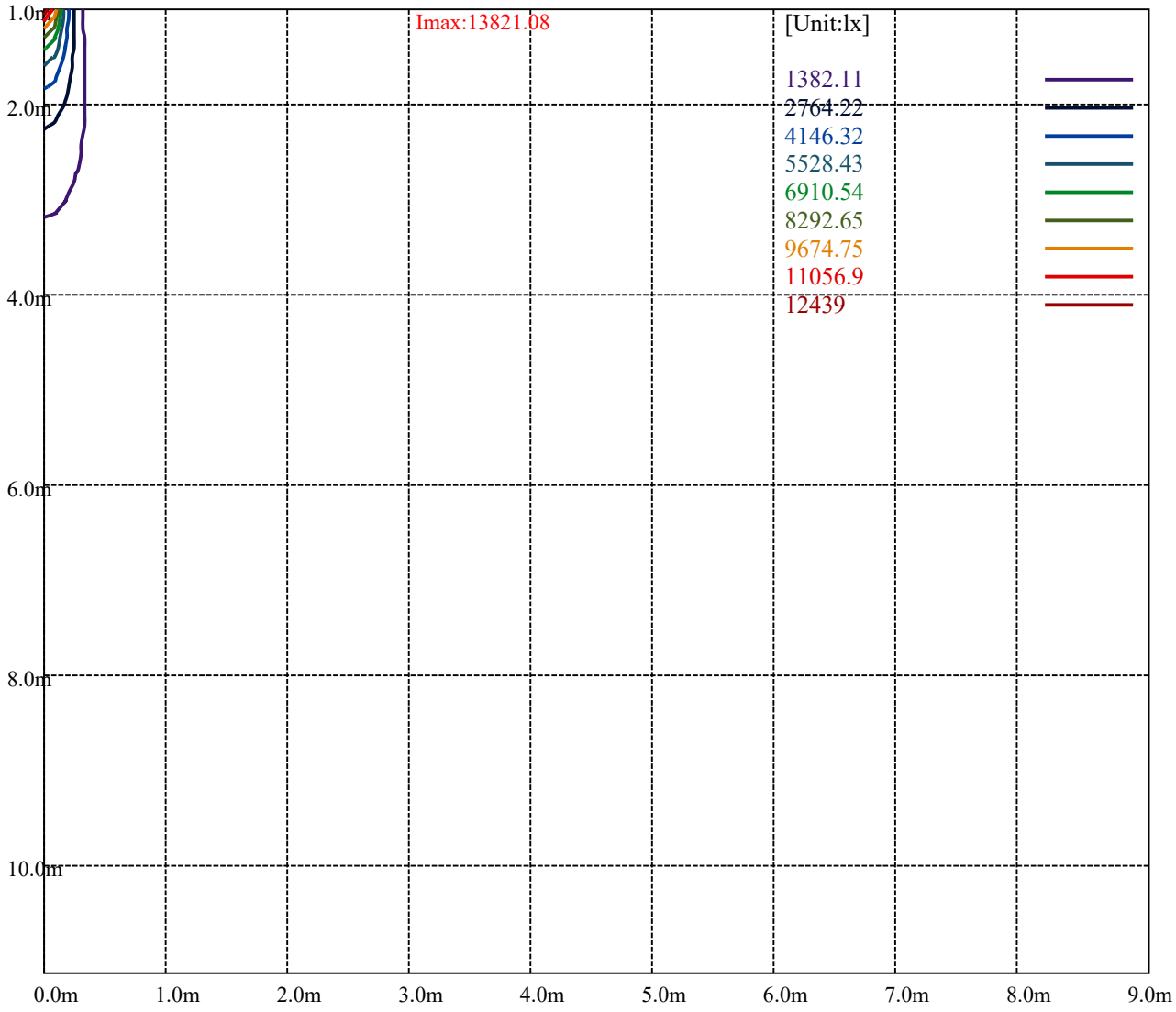
ISO illuminance diagram



(10%Emax) 153.5678
(20%Emax) 307.1344
(30%Emax) 460.7022
(40%Emax) 614.2689
(50%Emax) 767.8367
(60%Emax) 921.4044
(70%Emax) 1074.971
(80%Emax) 1228.533
(90%Emax) 1382.111

Equipment: GMS1980
Temperature(°C): 25.0
Date: 2017/7/19
Humidity(%): 60.0%
Operator: NT07
Distance(m): 7.46

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/19
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

Nata 4-2275-M

Luminance Limitting Curve(no luminous side)

Luminance Table

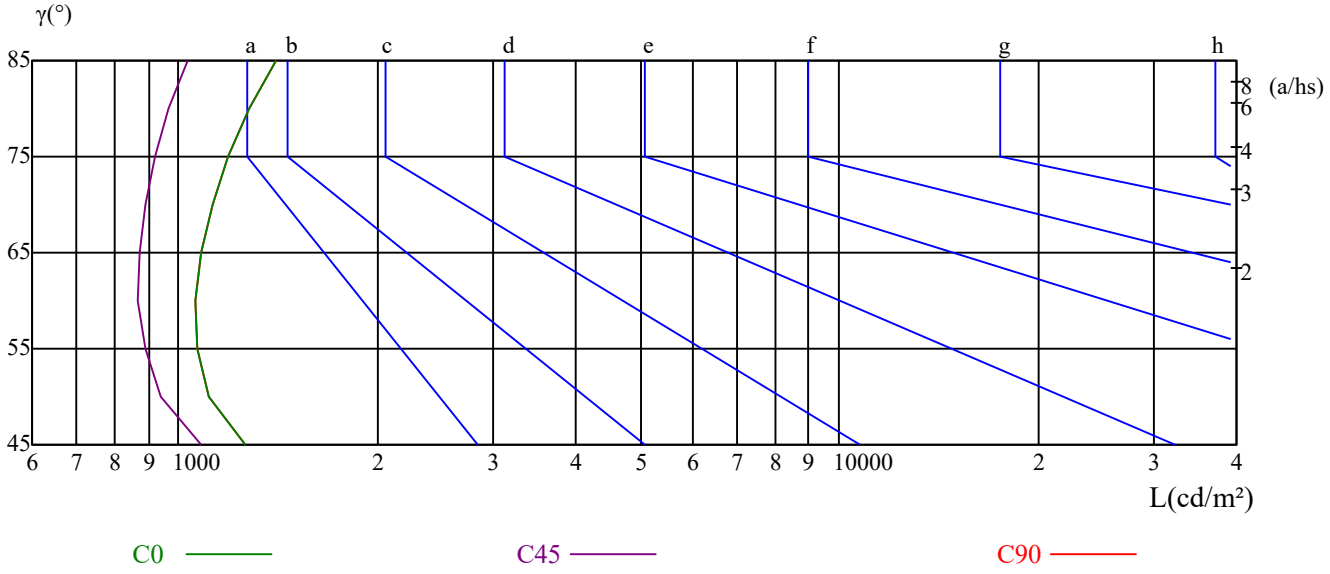
γ	45	50	55	60	65	70	75	80	85
C0	1262	1111	1067	1061	1083	1126	1189	1281	1408
C45	1085	941	889	870	873	890	919	966	1031
C90	1262	1111	1067	1061	1083	1126	1189	1281	1408

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2593	2593	2593	4072	4072	4072	11869	11869	11869

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

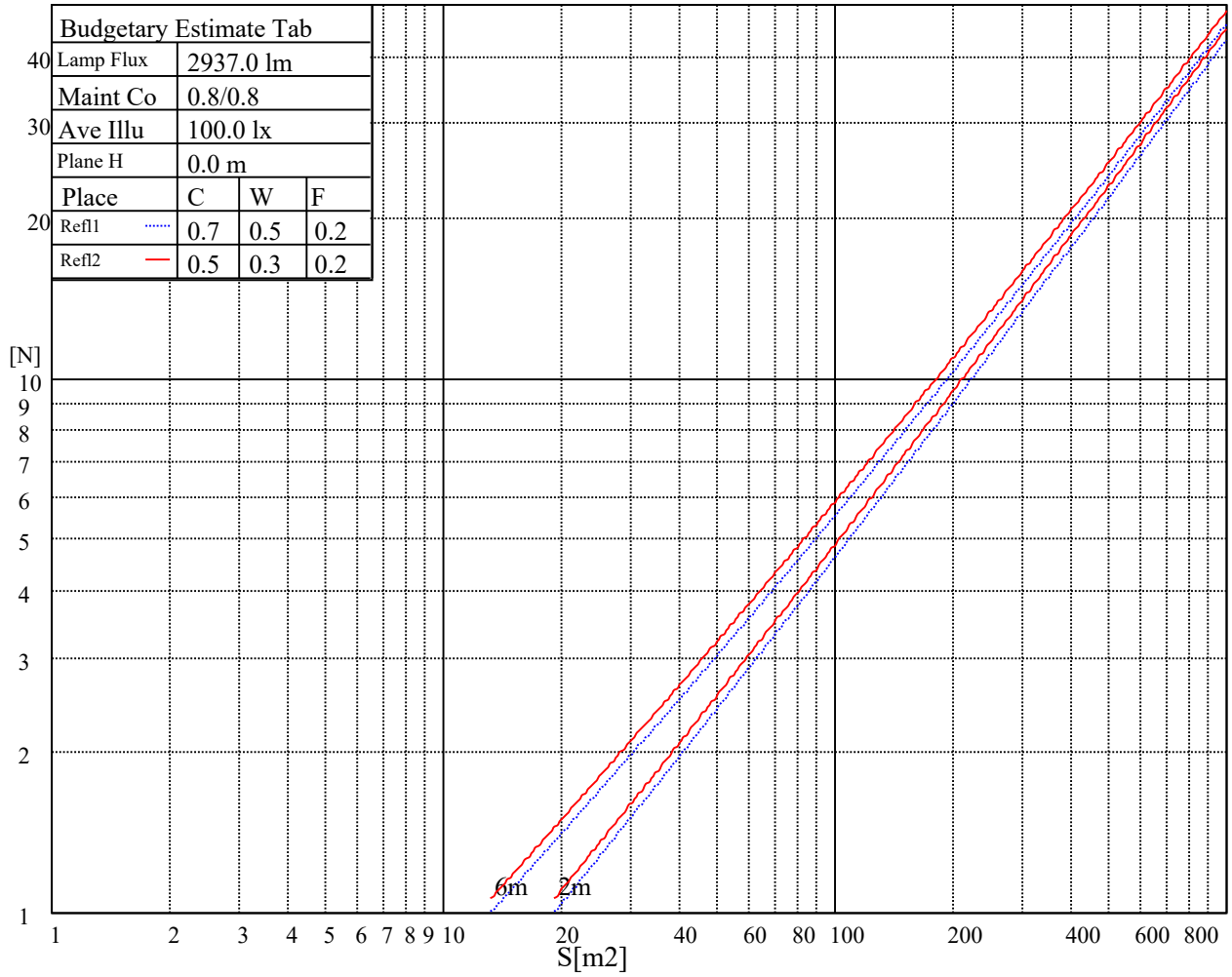


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/19
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

Budgetary Estimate Table

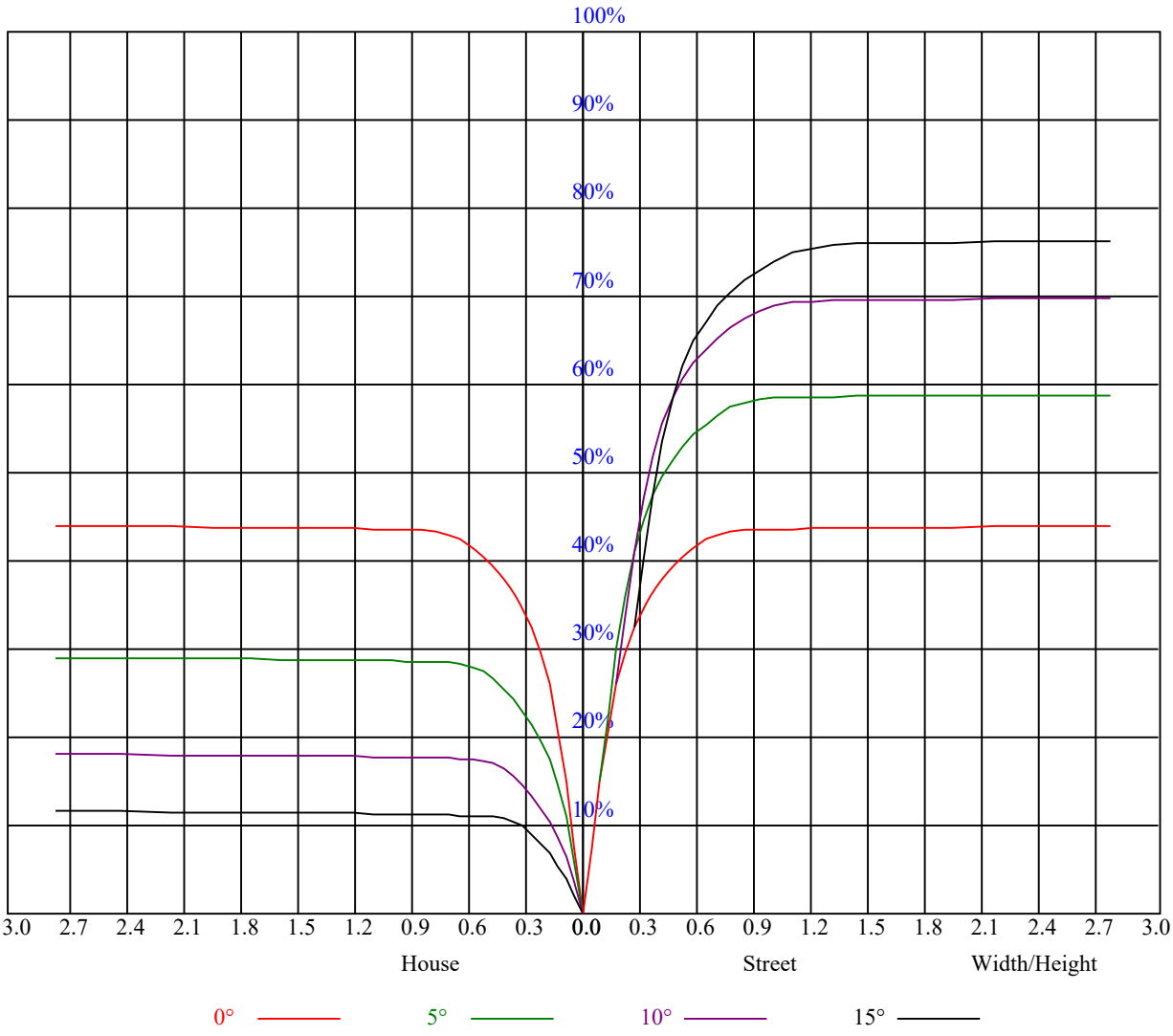


Equipment: GMS1980 Date: 2017/7/19 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.46

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	1.05	1.05	1.05	1.03	1.03	1.03	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.88
1	0.99	0.97	0.96	0.97	0.96	0.94	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.84
2	0.94	0.91	0.89	0.92	0.90	0.88	0.90	0.87	0.86	0.87	0.85	0.84	0.85	0.83	0.82	0.81
3	0.89	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	0.79	0.84	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.74
5	0.82	0.78	0.75	0.81	0.77	0.74	0.80	0.76	0.74	0.78	0.75	0.73	0.77	0.75	0.73	0.72
6	0.79	0.74	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
7	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.72	0.70	0.68	0.67
8	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.64
9	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
10	0.68	0.64	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.60

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2017/7/19	Operator: NT07
Temperature(°C): 25.0	Humidity(%): 60.0%	Distance(m): 7.46

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	13651.34	14013.07	14230.11	14196.72	13979.68	13389.77	12733.09	11920.57	10913.28
45.0	13962.99	13968.55	13729.25	13334.12	12777.61	11881.62	11052.41	9983.90	8948.78
90.0	13796.03	13445.43	12866.65	12109.79	11027.92	10461.94	9349.47	8168.54	7119.51
135.0	13873.94	13434.30	12655.17	11920.57	11091.36	9922.68	8859.73	7785.66	6622.54
180.0	13651.34	13100.39	12315.70	11079.68	10494.22	9233.16	8285.41	7073.87	5809.47
225.0	13962.99	13790.47	13361.95	12727.52	12026.31	11100.82	10168.66	9043.94	8014.94
270.0	13796.03	13946.29	13929.60	13679.16	13322.99	12482.65	11692.40	10929.97	9727.90
315.0	13873.94	14118.81	14191.16	14024.20	13668.03	12927.87	12248.92	11066.32	10345.08
360.0	13651.34	14013.07	14230.11	14196.72	13979.68	13389.77	12733.09	11920.57	10913.28

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	9811.38	8765.13	7579.75	6561.32	5492.81	4563.43	3862.22	3199.97	2821.54
45.0	7791.22	6616.98	5648.64	4791.60	3984.65	3305.71	2821.54	2591.14	2018.48
90.0	5992.01	4993.06	4240.65	3531.09	3020.77	2559.42	2187.66	1911.63	1674.00
135.0	5554.03	4708.13	3901.18	3316.84	2849.36	2386.90	2083.60	1790.87	1551.57
180.0	5030.90	4181.66	3415.90	2980.70	2577.23	2120.88	1877.68	1643.95	1423.01
225.0	6858.50	5768.84	4914.04	4087.05	3462.09	2889.99	2439.21	2108.64	1826.49
270.0	8570.35	7540.79	6416.63	5492.81	4674.73	3806.57	3227.79	2866.06	2265.58
315.0	9181.40	7983.22	6941.98	5836.74	4955.22	4111.54	3413.67	2900.56	2470.37
360.0	9811.38	8765.13	7579.75	6561.32	5492.81	4563.43	3862.22	3199.97	2821.54

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2278.38	1967.28	1655.08	1450.28	1292.79	1165.90	1084.65	1041.80	1015.09
45.0	1754.69	1539.32	1332.86	1205.97	1118.60	1055.15	1020.09	997.83	977.24
90.0	1428.02	1269.41	1109.75	1065.28	1026.55	1000.34	976.85	957.71	943.41
135.0	1366.80	1221.55	1104.13	1048.48	1014.53	984.48	966.67	951.09	934.95
180.0	1246.60	1104.46	1065.28	1018.87	994.49	973.85	955.37	940.23	927.93
225.0	1548.78	1374.04	1236.58	1105.69	1056.66	1022.99	995.16	977.35	963.27
270.0	1943.91	1688.47	1435.81	1278.87	1167.01	1086.88	1041.24	1015.64	993.38
315.0	2036.29	1763.04	1541.55	1320.61	1170.35	1105.63	1048.53	1016.37	994.44
360.0	2278.38	1967.28	1655.08	1450.28	1292.79	1165.90	1084.65	1041.80	1015.09

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	988.93	971.68	957.21	943.85	926.60	911.57	896.55	879.85	854.81
45.0	959.99	946.63	929.38	913.24	899.33	882.08	859.82	761.31	642.22
90.0	929.16	912.13	896.05	879.52	862.54	801.72	688.91	573.49	452.00
135.0	921.59	905.45	889.87	875.40	852.03	769.11	672.83	522.57	366.19
180.0	910.63	897.16	883.30	865.66	816.85	707.89	579.05	448.55	320.27
225.0	947.97	937.56	919.81	903.50	891.93	871.00	790.03	687.35	576.38
270.0	975.02	961.10	947.19	931.05	916.03	902.67	888.20	860.93	756.86
315.0	974.40	959.88	943.52	930.11	913.30	898.88	883.30	864.44	816.35
360.0	988.93	971.68	957.21	943.85	926.60	911.57	896.55	879.85	854.81

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	777.45	666.15	529.80	381.21	285.49	139.74	50.64	31.00	24.71
45.0	525.35	401.80	282.71	146.42	63.72	29.50	22.76	18.31	15.53
90.0	302.13	194.17	96.61	33.34	25.27	20.15	16.03	14.25	13.97
135.0	294.40	123.16	59.71	27.55	22.93	18.81	14.69	13.91	13.63
180.0	177.36	83.14	38.18	25.32	20.15	16.75	14.41	13.75	13.41
225.0	411.10	288.94	182.09	69.12	32.56	26.88	21.26	16.31	14.30
270.0	651.12	529.80	368.41	289.94	131.50	54.98	30.44	24.15	18.92
315.0	700.15	579.17	450.17	282.60	168.90	79.30	33.89	26.43	20.87
360.0	777.45	666.15	529.80	381.21	285.49	139.74	50.64	31.00	24.71

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	18.48	14.91	14.41	14.02	13.69	13.41	13.08	12.86	12.58
45.0	14.02	13.75	13.41	13.19	12.97	12.74	12.58	12.35	12.13
90.0	13.58	13.36	13.08	12.80	12.63	12.47	12.24	12.19	12.02
135.0	13.30	13.08	12.91	12.63	12.41	12.30	12.13	12.02	11.85
180.0	13.13	12.91	12.74	12.52	12.41	12.13	12.02	11.85	11.74
225.0	13.91	13.52	13.25	12.91	12.69	12.41	12.24	12.13	11.97
270.0	14.86	14.30	13.91	13.58	13.19	12.91	12.69	12.52	12.35
315.0	16.53	14.41	14.02	13.63	13.30	13.02	12.80	12.58	12.41
360.0	18.48	14.91	14.41	14.02	13.69	13.41	13.08	12.86	12.58

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.47	12.24	12.08	11.85	11.74	11.63	11.58	11.46	11.41
45.0	12.02	11.85	11.74	11.69	11.58	11.46	11.30	11.24	11.19
90.0	11.80	11.69	11.58	11.52	11.41	11.35	11.24	11.13	11.02
135.0	11.69	11.58	11.46	11.41	11.35	11.30	11.13	11.07	11.07
180.0	11.63	11.52	11.46	11.35	11.35	11.30	11.19	11.07	11.02
225.0	11.74	11.63	11.46	11.41	11.35	11.24	11.19	11.02	10.96
270.0	12.08	11.91	11.74	11.63	11.58	11.46	11.30	11.19	11.13
315.0	12.13	11.97	11.80	11.74	11.58	11.46	11.30	11.24	11.13
360.0	12.47	12.24	12.08	11.85	11.74	11.63	11.58	11.46	11.41

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	11.30	11.19	11.07	11.07	11.07	11.02	10.96	10.91	10.80
45.0	11.19	11.07	10.96	10.96	10.91	10.80	10.85	10.80	10.69
90.0	11.02	10.96	10.91	10.80	10.74	10.69	10.69	10.69	10.63
135.0	10.96	10.91	10.91	10.85	10.74	10.69	10.63	10.57	10.63
180.0	11.02	10.96	10.91	10.80	10.80	10.74	10.74	10.69	10.69
225.0	10.91	10.91	10.91	10.85	10.74	10.74	10.63	10.69	10.63
270.0	11.13	11.02	10.96	10.85	10.85	10.80	10.80	10.74	10.69
315.0	11.13	11.07	11.02	10.85	10.85	10.80	10.80	10.74	10.74
360.0	11.30	11.19	11.07	11.07	11.07	11.02	10.96	10.91	10.80

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	10.80	10.74	10.74	10.69	10.69	10.63	10.57	10.57	10.57
45.0	10.69	10.63	10.63	10.63	10.63	10.52	10.46	10.46	10.46
90.0	10.52	10.52	10.46	10.41	10.52	10.46	10.41	10.35	10.30
135.0	10.63	10.57	10.57	10.46	10.46	10.41	10.41	10.41	10.41
180.0	10.57	10.52	10.52	10.52	10.57	10.52	10.46	10.52	10.41
225.0	10.63	10.57	10.52	10.52	10.46	10.46	10.46	10.46	10.46
270.0	10.57	10.52	10.57	10.57	10.52	10.46	10.41	10.41	10.35
315.0	10.63	10.57	10.57	10.52	10.57	10.52	10.46	10.46	10.41
360.0	10.80	10.74	10.74	10.69	10.69	10.63	10.57	10.57	10.57

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.52	10.46	10.52	10.46	10.46	10.46	10.46	10.46	10.41
45.0	10.46	10.41	10.41	10.52	10.35	10.30	10.30	10.18	10.18
90.0	10.35	10.35	10.30	10.24	10.30	10.24	10.24	10.24	10.18
135.0	10.35	10.30	10.41	10.30	10.30	10.30	10.24	10.35	10.30
180.0	10.46	10.46	10.35	10.41	10.41	10.41	10.41	10.41	10.41
225.0	10.41	10.35	10.41	10.41	10.30	10.30	10.24	10.24	10.18
270.0	10.41	10.35	10.35	10.30	10.30	10.30	10.30	10.24	10.24
315.0	10.41	10.46	10.35	10.35	10.35	10.35	10.35	10.30	10.35
360.0	10.52	10.46	10.52	10.46	10.46	10.46	10.46	10.46	10.41

Intensity data(cd)

C/γ(°)	90.0
0.0	10.35
45.0	10.24
90.0	10.18
135.0	10.30
180.0	10.35
225.0	10.18
270.0	10.18
315.0	10.30
360.0	10.35