NATA LIGHTING CO.,LTD.
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Address:380 JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

Nata

LumCAT: 2-1566-M
Luminaire: BJB47.319.2021
Report No: NT2017070501
Test No: GC2017070501
LampCAT: SAWx15
Lamp flux(lm): 2402.0
Number of Lamps: 1
Length(mm): 70
Phm Type: C

Voltage(V): 34.5600
Current(A): 0.5000
Power (W): 17.2800
PF: 0.0000
Ballast type: DC
Width(mm): 70
Height(mm): 0

Photometric Results

Lumens(lm): 2180.88
Efficiency(%): 90.79%
Lumens(lm)/Power(W): 126.29
Central intensity(cd): 6199.728
Maximum intensity(cd): 6199.728
Angle of maximum intensity: C=0.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=20.6
[C90/270]Total=20.6
Field angle(10%Imax): [C0/180]Total=70.9
[C90/270]Total=70.9
Maximum s/h(1/2): C0_180=0.35 C90_270=0.35
Maximum s/h(1/4): C0_180=0.50 C90_270=0.50
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 90.85%
Up flux rate of LUM(%): - -
Down flux rate of LUM(%): 100.00%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 98.666%

Equipment: GMS1980
Temperature(°C): 25.0
Date: 2017/7/5
Humidity(%): 60.0%
Operator: NT07
Distance(m): 7.46

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	6199.727	1.483	1.483	.062%	.068%
1.0	6192.423	11.851	13.335	.493%	.611%
2.0	6172.945	23.625	36.959	.984%	1.695%
3.0	6094.476	34.977	71.937	1.456%	3.299%
4.0	5914.374	45.242	117.179	1.884%	5.373%
5.0	5630.133	53.810	170.989	2.240%	7.840%
6.0	5152.573	59.062	230.052	2.459%	10.549%
7.0	4634.665	61.939	291.991	2.579%	13.389%
8.0	4122.462	62.916	354.907	2.619%	16.274%
9.0	3620.484	62.108	417.016	2.586%	19.121%
10.0	3188.837	60.723	477.739	2.528%	21.906%
11.0	2902.161	60.726	538.464	2.528%	24.690%
12.0	2699.520	61.548	600.013	2.562%	27.512%
13.0	2534.026	62.510	662.523	2.602%	30.379%
14.0	2419.245	64.181	726.704	2.672%	33.322%
15.0	2322.272	65.911	792.615	2.744%	36.344%
16.0	2217.368	67.024	859.639	2.790%	39.417%
17.0	2110.935	67.680	927.319	2.818%	42.520%
18.0	2014.727	68.273	995.593	2.842%	45.651%
19.0	1904.119	67.981	1063.574	2.830%	48.768%
20.0	1796.434	67.377	1130.951	2.805%	51.857%
21.0	1692.226	66.503	1197.454	2.769%	54.907%
22.0	1593.584	65.464	1262.918	2.725%	57.909%
23.0	1505.445	64.505	1327.423	2.685%	60.866%
24.0	1414.664	63.098	1390.521	2.627%	63.760%
25.0	1325.830	61.445	1451.966	2.558%	66.577%
26.0	1249.698	60.076	1512.042	2.501%	69.332%
27.0	1181.957	58.844	1570.886	2.450%	72.030%
28.0	1099.550	56.608	1627.494	2.357%	74.625%
29.0	1053.895	56.030	1683.524	2.333%	77.195%
30.0	1004.644	55.085	1738.609	2.293%	79.720%
31.0	951.740	53.754	1792.362	2.238%	82.185%
32.0	896.095	52.073	1844.436	2.168%	84.573%
33.0	832.562	49.725	1894.161	2.070%	86.853%
34.0	750.622	46.029	1940.19	1.916%	88.964%
35.0	660.696	41.557	1981.747	1.730%	90.869%
36.0	569.692	36.721	2018.468	1.529%	92.553%
37.0	470.973	31.082	2049.55	1.294%	93.978%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	380.587	25.695	2075.245	1.070%	95.156%
39.0	306.174	21.130	2096.375	.880%	96.125%
40.0	215.288	15.175	2111.55	.632%	96.821%
41.0	143.567	10.329	2121.879	.430%	97.295%
42.0	84.243	6.182	2128.06	.257%	97.578%
43.0	46.740	3.496	2131.556	.146%	97.738%
44.0	32.083	2.444	2134	.102%	97.850%
45.0	26.240	2.035	2136.035	.085%	97.944%
46.0	22.525	1.777	2137.812	.074%	98.025%
47.0	20.104	1.612	2139.424	.067%	98.099%
48.0	17.962	1.464	2140.888	.061%	98.166%
49.0	15.826	1.310	2142.197	.055%	98.226%
50.0	14.205	1.193	2143.391	.050%	98.281%
51.0	13.036	1.111	2144.502	.046%	98.332%
52.0	12.083	1.044	2145.546	.043%	98.380%
53.0	11.422	1.000	2146.546	.042%	98.426%
54.0	10.991	0.975	2147.521	.041%	98.470%
55.0	10.678	0.959	2148.481	.040%	98.514%
56.0	10.463	0.951	2149.432	.040%	98.558%
57.0	10.247	0.942	2150.374	.039%	98.601%
58.0	10.059	0.935	2151.31	.039%	98.644%
59.0	9.927	0.933	2152.243	.039%	98.687%
60.0	9.774	0.928	2153.171	.039%	98.729%
61.0	9.663	0.927	2154.098	.039%	98.772%
62.0	9.544	0.924	2155.022	.038%	98.814%
63.0	9.461	0.924	2155.946	.038%	98.857%
64.0	9.349	0.922	2156.868	.038%	98.899%
65.0	9.301	0.924	2157.792	.038%	98.941%
66.0	9.217	0.923	2158.716	.038%	98.984%
67.0	9.169	0.926	2159.641	.039%	99.026%
68.0	9.106	0.926	2160.567	.039%	99.068%
69.0	9.057	0.927	2161.494	.039%	99.111%
70.0	9.023	0.930	2162.424	.039%	99.154%
71.0	8.981	0.931	2163.355	.039%	99.196%
72.0	8.953	0.934	2164.289	.039%	99.239%
73.0	8.890	0.932	2165.221	.039%	99.282%
74.0	8.883	0.936	2166.158	.039%	99.325%
75.0	8.856	0.938	2167.096	.039%	99.368%

Zonal flux distribution table

γ(°)	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	8.828	0.939	2168.035	.039%	99.411%
77.0	8.821	0.943	2168.977	.039%	99.454%
78.0	8.828	0.947	2169.924	.039%	99.498%
79.0	8.800	0.947	2170.872	.039%	99.541%
80.0	8.786	0.949	2171.82	.040%	99.584%
81.0	8.758	0.949	2172.769	.039%	99.628%
82.0	8.758	0.951	2173.72	.040%	99.672%
83.0	8.758	0.953	2174.673	.040%	99.715%
84.0	8.737	0.953	2175.626	.040%	99.759%
85.0	8.744	0.955	2176.582	.040%	99.803%
86.0	8.744	0.957	2177.538	.040%	99.847%
87.0	8.737	0.957	2178.495	.040%	99.891%
88.0	8.751	0.959	2179.454	.040%	99.935%
89.0	8.682	0.952	2180.406	.040%	99.978%
90.0	8.689	0.476	2180.882	.020%	100.000%

Zonal flux distribution table

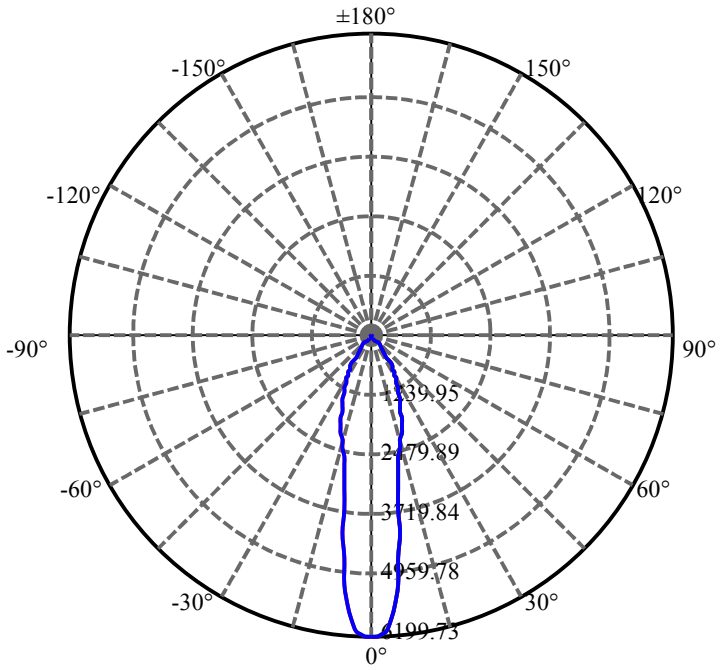
ZONAL LUMEN SUMMARY

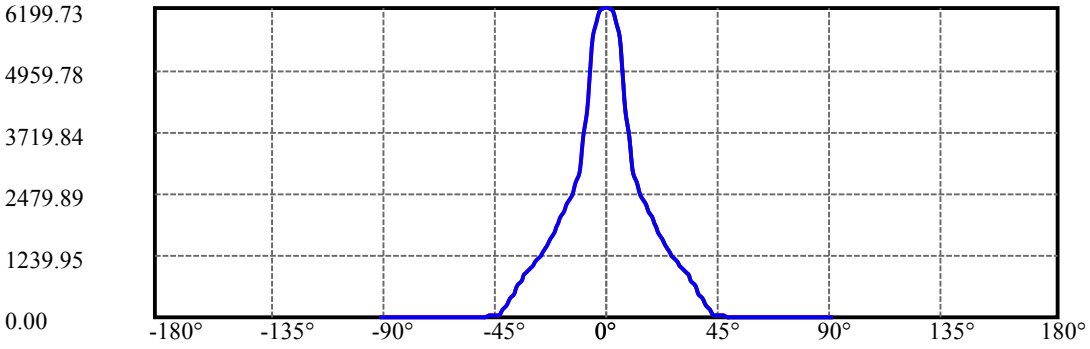
Zone	Lumens	%Lamp	%Fixt
0-30	1738.61	72.38%	79.72%
0-40	2111.55	87.91%	96.82%
0-60	2153.17	89.64%	98.73%
0-90	2180.41	90.77%	99.98%
0-120	2180.41	90.77%	99.98%
0-180	2180.88	90.79%	100.00%
60-90	28.16	1.17%	1.29%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-30.11	1744.71	72.64%	80.00%

ZONAL LUMEN SUMMARY

0-10	477.74
10-20	653.21
20-30	607.66
30-40	372.94
40-50	31.84
50-60	9.78
60-70	9.25
70-80	9.40
80-90	8.59
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):

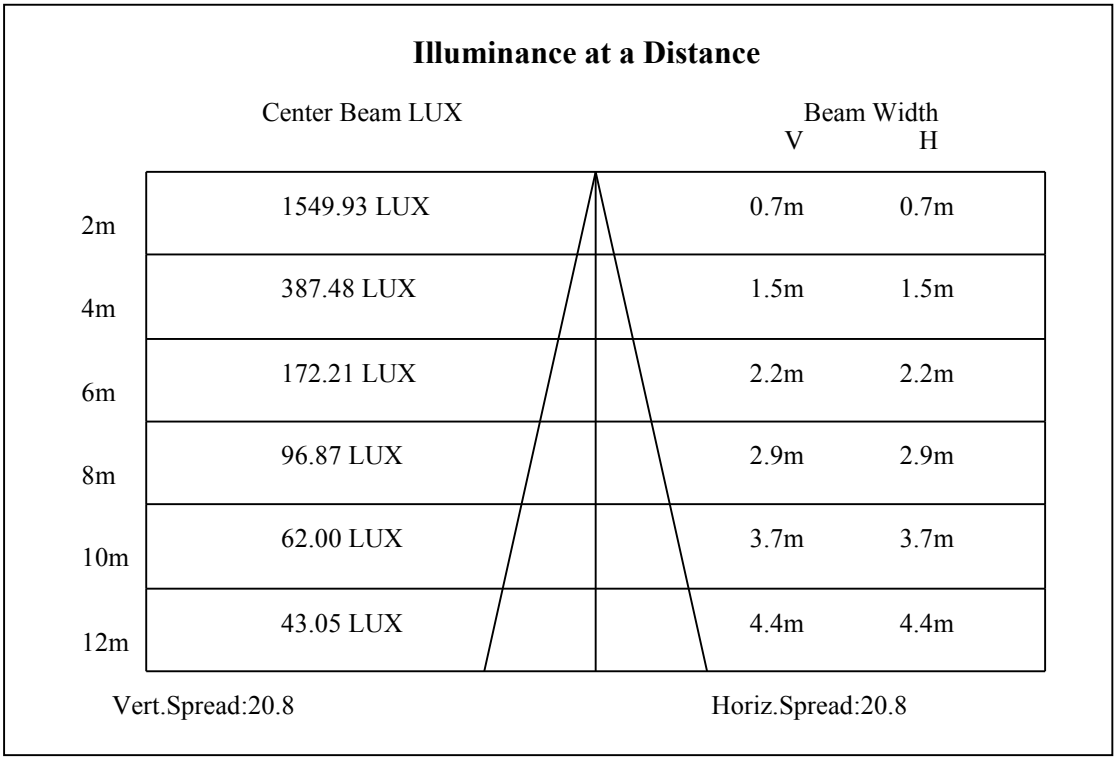
C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:35.4 Right:35.4
:C90/270Left:35.4 Right:35.4

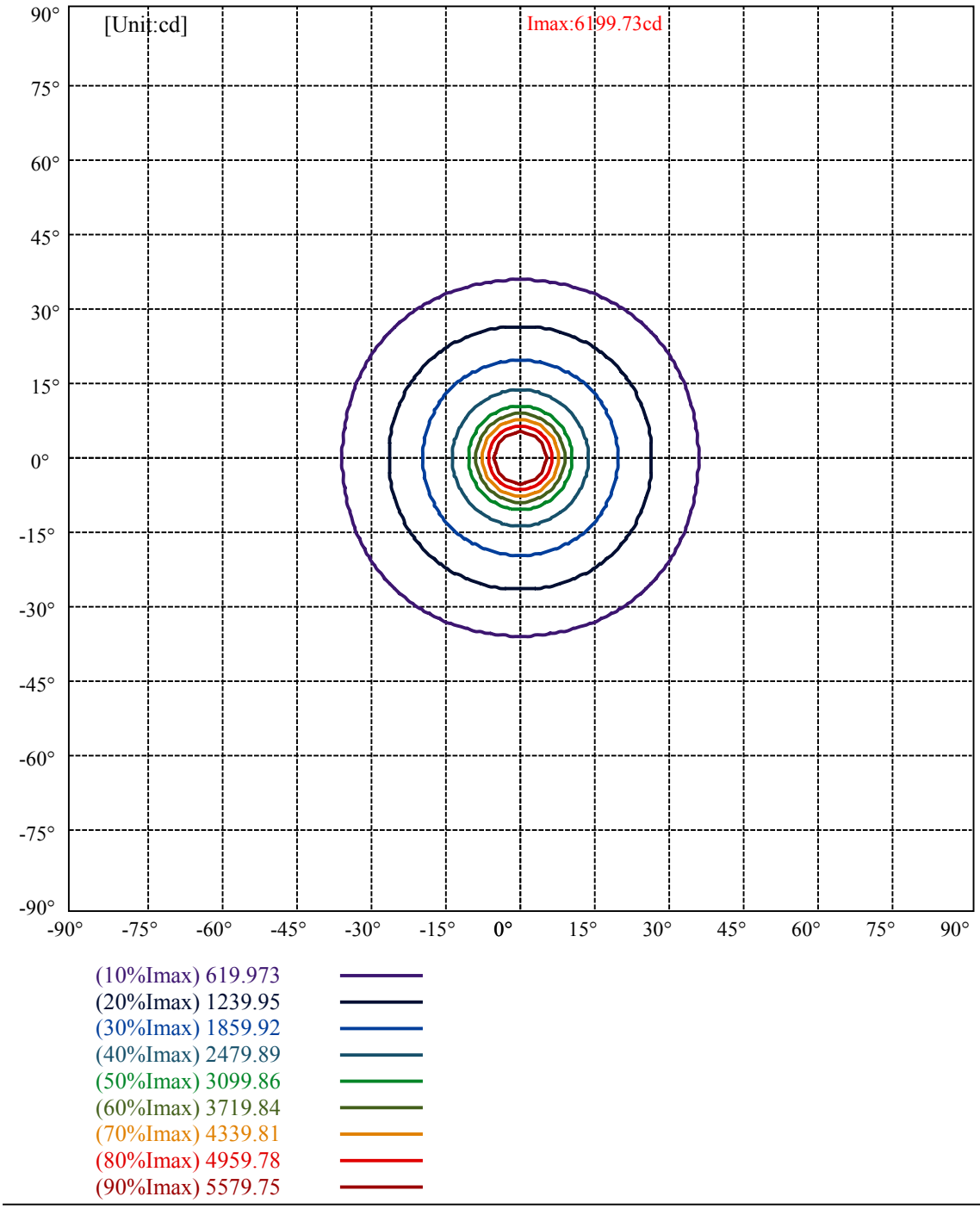
Beam Angle(50%Imax):C0/180Left:10.3 Right:10.3
:C90/270Left:10.3 Right:10.3

Lux distance Curve



Equipment: GMS1980 Date: 2017/7/5 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.46

ISO-Intensity(V-H)

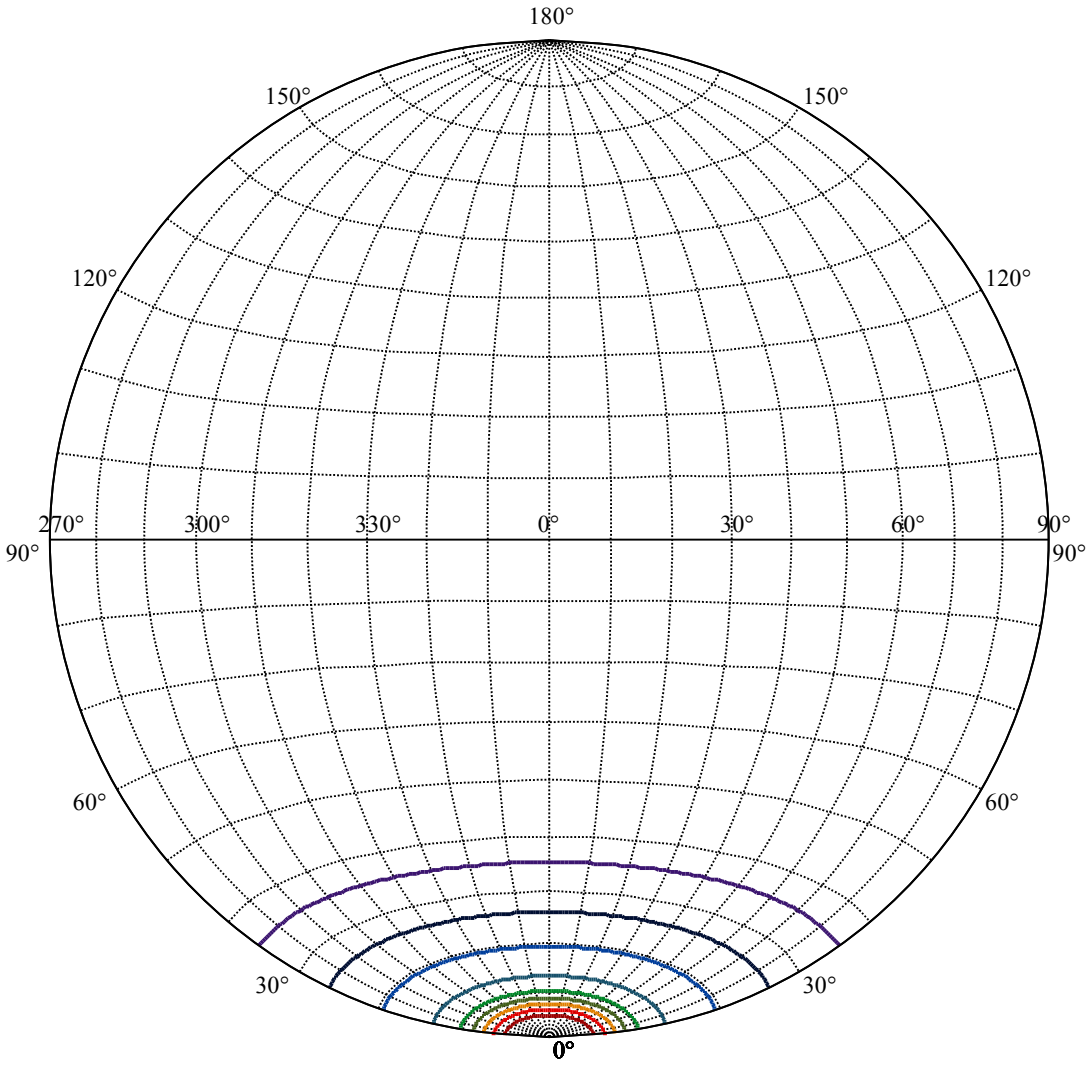


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/5
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

ISO candela diagram on circular web



House [Unit:cd] Road

Imax:6199.73

(10%Imax) 619.973
(20%Imax) 1239.95
(30%Imax) 1859.92
(40%Imax) 2479.89
(50%Imax) 3099.86
(60%Imax) 3719.84
(70%Imax) 4339.81
(80%Imax) 4959.78
(90%Imax) 5579.75

Equipment: GMS1980 Date: 2017/7/5 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.46

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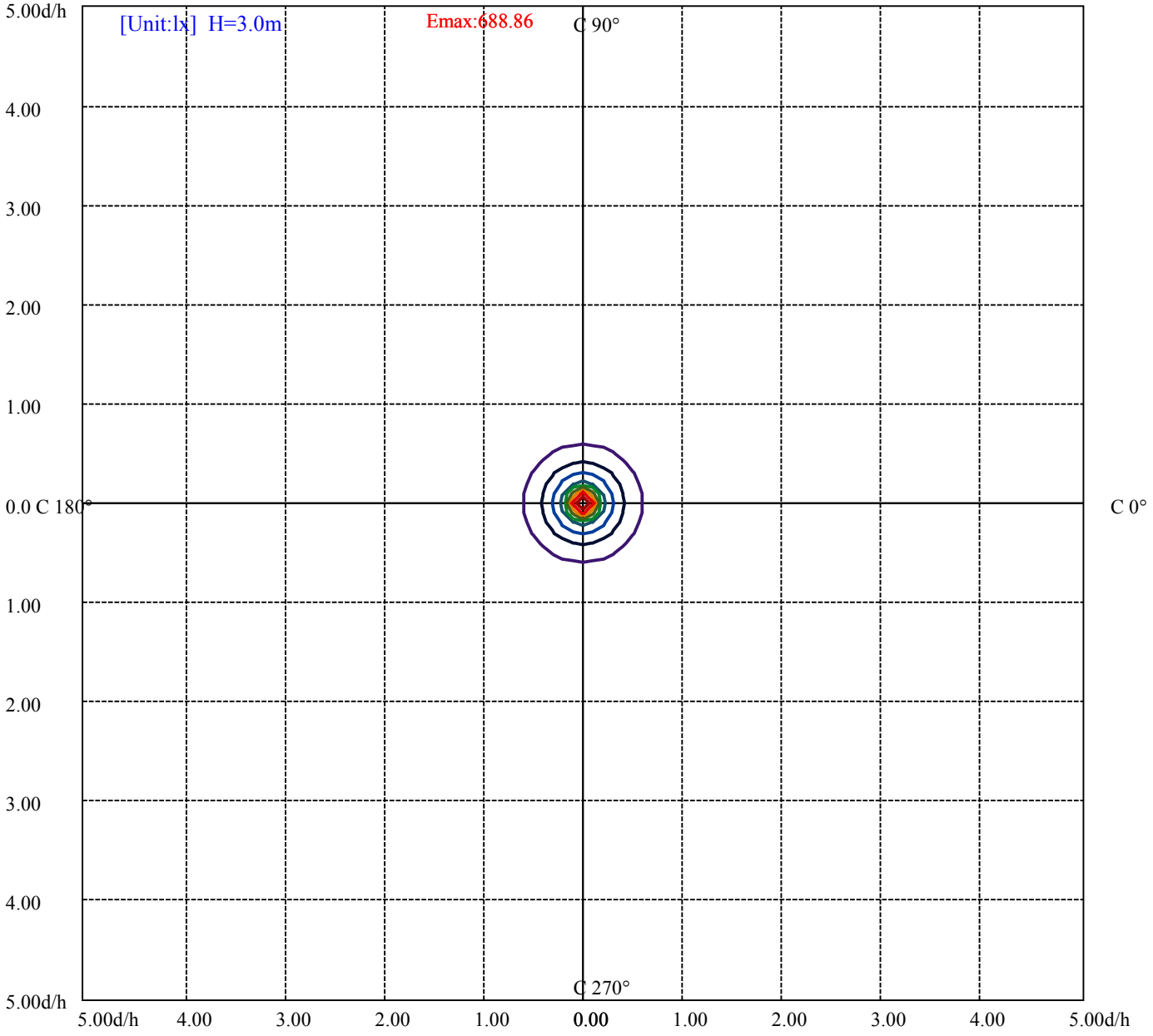
ISO illuminance diagram

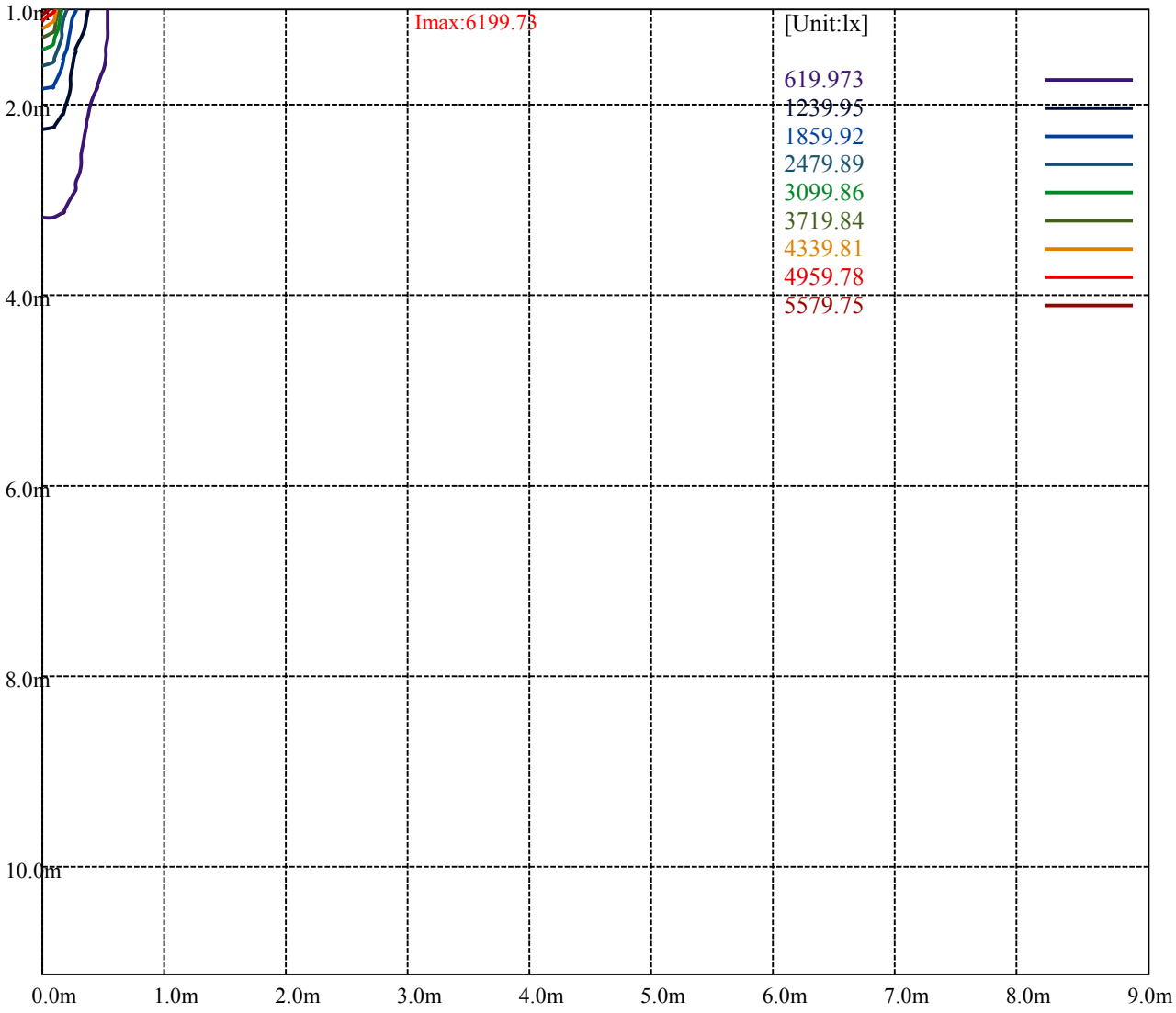


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/5
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

Space ISO Lux diagram



Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/5
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

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Luminance Limitting Curve(no luminous side)

Luminance Table

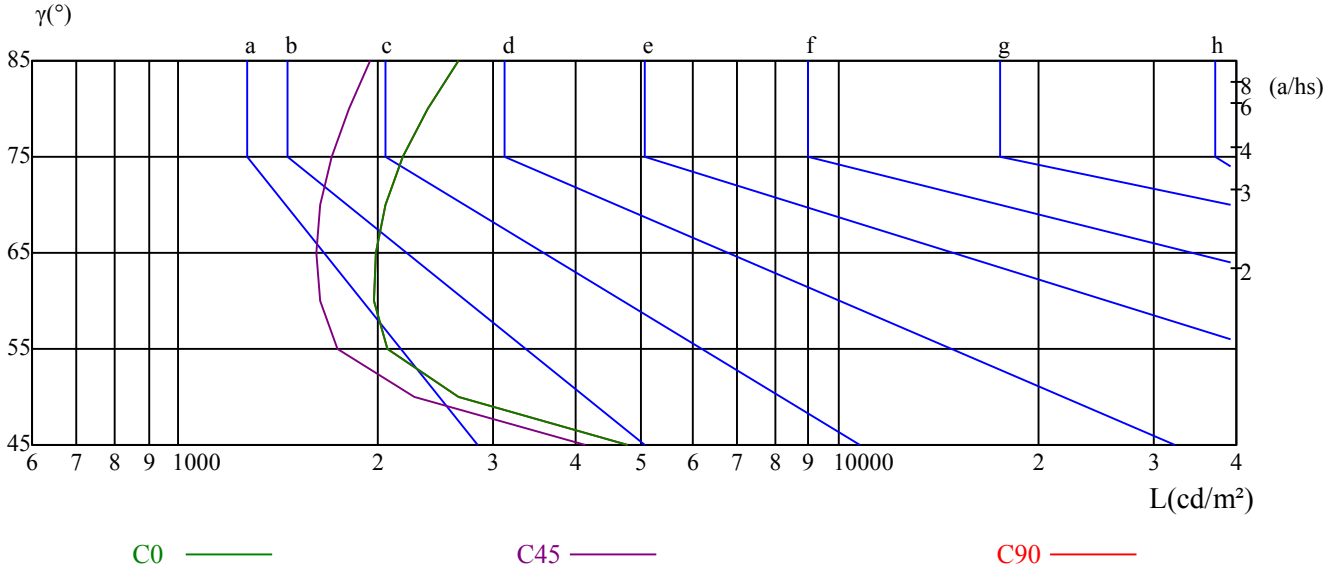
γ	45	50	55	60	65	70	75	80	85
C0	4776	2656	2069	1980	1991	2063	2192	2389	2661
C45	4142	2270	1740	1639	1618	1643	1707	1812	1956
C90	4776	2656	2069	1980	1991	2063	2192	2389	2661

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4491	4491	4491	6983	6983	6983	20475	20475	20475

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

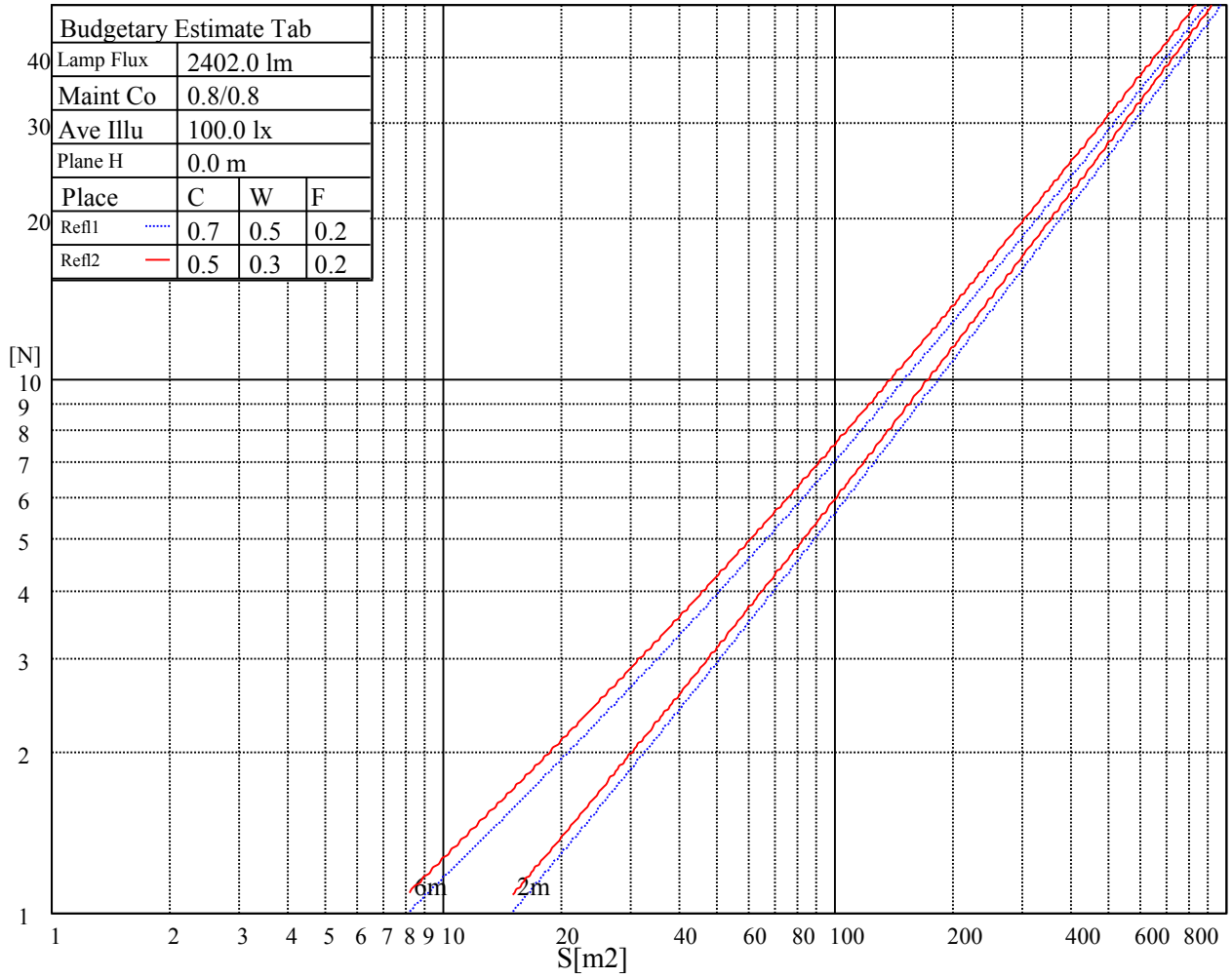


Equipment: GMS1980
Temperature(°C): 25.0

Date: 2017/7/5
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.46

Budgetary Estimate Table

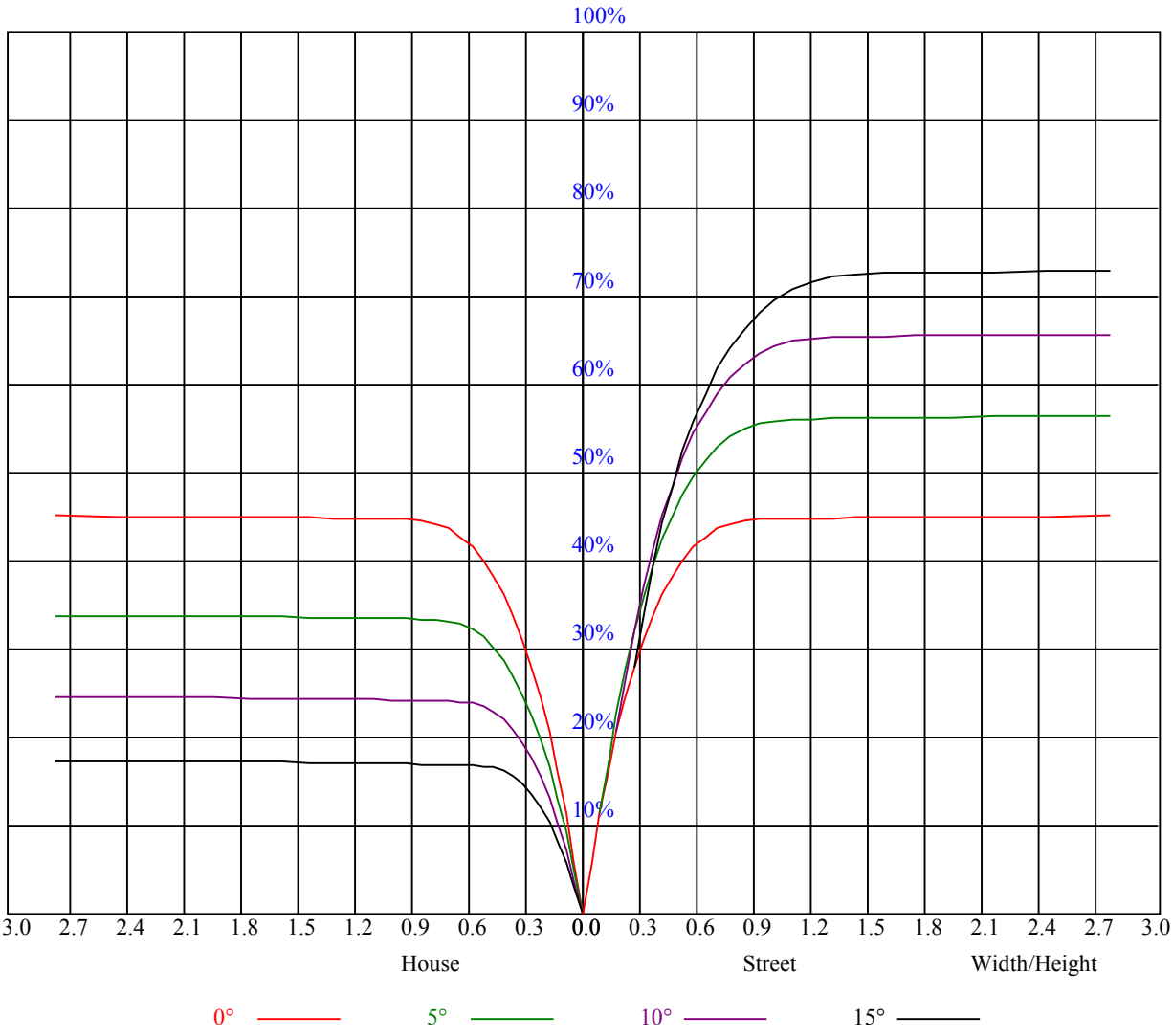


Equipment: GMS1980 Date: 2017/7/5 Operator: NT07
Temperature(°C): 25.0 Humidity(%): 60.0% Distance(m): 7.46

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	1.08	1.08	1.08	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.01	0.99	0.97	0.99	0.97	0.95	0.95	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	0.90	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	0.83	0.80	0.84	0.81	0.79	0.82	0.80	0.78	0.76
4	0.85	0.80	0.77	0.84	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.74	0.78	0.76	0.74	0.72
5	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
6	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
7	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
8	0.69	0.64	0.61	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.59
9	0.66	0.61	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.57
10	0.63	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

Coefficient Utilization Curve



Equipment: GMS1980	Date: 2017/7/5	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	6195.69	6193.47	6156.18	6040.98	5817.82	5412.67	4866.18	4350.29	3797.11
45.0	6205.15	6217.40	6215.73	6175.10	6061.57	5855.66	5459.42	4901.24	4371.99
90.0	6198.48	6197.92	6210.16	6177.88	6093.29	5907.42	5519.53	4979.15	4430.98
135.0	6199.59	6181.78	6184.01	6205.15	6163.97	6066.58	5818.37	5436.60	4952.99
180.0	6195.69	6180.11	6198.48	6161.75	6066.02	5890.72	5489.47	5010.31	4483.85
225.0	6205.15	6202.37	6190.68	6074.93	5866.79	5523.42	4932.40	4403.15	3900.62
270.0	6198.48	6196.25	6153.40	6050.44	5778.86	5388.74	4756.54	4204.48	3699.16
315.0	6199.59	6170.09	6074.93	5869.57	5466.66	4995.84	4378.67	3792.10	3342.99
360.0	6195.69	6193.47	6156.18	6040.98	5817.82	5412.67	4866.18	4350.29	3797.11

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3389.74	3019.66	2772.01	2624.53	2497.09	2391.35	2291.73	2190.45	2070.80
45.0	3818.81	3346.33	3019.66	2789.26	2602.83	2489.85	2392.46	2288.95	2180.43
90.0	3892.27	3327.41	2981.81	2751.42	2577.23	2454.79	2364.64	2258.34	2152.05
135.0	4274.04	3762.60	3324.07	2982.37	2687.42	2534.37	2423.63	2303.98	2214.93
180.0	3904.52	3434.26	3092.00	2829.88	2649.57	2532.15	2423.07	2321.78	2212.71
225.0	3462.64	3036.35	2806.51	2650.69	2527.14	2416.95	2330.13	2226.62	2122.55
270.0	3232.24	2883.87	2669.61	2528.25	2394.69	2301.19	2207.14	2104.74	2000.12
315.0	2989.60	2700.22	2551.63	2439.77	2336.25	2233.30	2145.37	2044.08	1933.89
360.0	3389.74	3019.66	2772.01	2624.53	2497.09	2391.35	2291.73	2190.45	2070.80

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1968.95	1863.22	1752.47	1651.74	1562.14	1465.31	1372.37	1295.01	1212.65
45.0	2081.93	1959.49	1840.95	1740.78	1638.38	1546.00	1446.94	1355.12	1281.66
90.0	2057.44	1943.91	1840.95	1725.76	1624.47	1536.54	1455.85	1355.67	1281.66
135.0	2127.00	2009.02	1898.28	1786.42	1675.11	1585.51	1487.57	1402.98	1328.96
180.0	2108.08	2006.80	1882.69	1766.94	1675.11	1584.40	1479.22	1395.74	1314.49
225.0	2034.62	1918.31	1819.25	1716.85	1612.78	1529.86	1444.72	1341.76	1268.86
270.0	1904.95	1800.89	1694.03	1607.77	1517.62	1435.25	1347.33	1264.40	1199.29
315.0	1834.83	1731.32	1642.84	1541.55	1443.05	1360.68	1283.33	1195.95	1110.03
360.0	1968.95	1863.22	1752.47	1651.74	1562.14	1465.31	1372.37	1295.01	1212.65

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1148.09	1085.21	1026.22	985.03	936.06	867.05	792.48	715.12	602.71
45.0	1202.07	1134.18	1080.20	1032.89	971.68	927.71	870.95	777.45	678.39
90.0	1215.43	1107.58	1073.96	1020.09	971.84	928.16	882.24	812.12	727.92
135.0	1253.83	1182.60	1119.15	1066.84	1008.41	966.67	926.04	872.06	795.26
180.0	1234.35	1103.07	1089.38	1025.60	977.80	928.10	860.32	789.36	714.79
225.0	1198.18	1105.63	1055.27	1006.85	953.92	888.92	817.47	714.84	633.82
270.0	1129.73	1067.40	1016.75	972.79	922.70	870.39	796.93	708.44	604.93
315.0	1073.96	1010.74	970.23	927.04	871.50	791.76	714.07	615.56	527.74
360.0	1148.09	1085.21	1026.22	985.03	936.06	867.05	792.48	715.12	602.71

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	514.78	423.51	326.12	282.15	158.50	96.00	51.48	31.22	26.77
45.0	600.48	486.95	387.89	313.32	282.15	140.91	73.35	37.90	29.44
90.0	642.66	541.77	451.89	358.62	260.23	185.71	118.59	55.10	33.72
135.0	725.70	634.43	534.81	446.88	352.27	285.49	178.53	104.24	55.15
180.0	605.71	521.12	436.70	339.64	258.67	183.37	112.08	56.60	32.89
225.0	530.42	421.00	340.98	244.42	154.66	103.18	56.04	31.11	27.71
270.0	514.78	409.60	311.09	288.83	146.59	92.49	48.42	29.77	26.32
315.0	423.01	329.40	255.22	175.53	109.24	61.38	35.45	27.99	24.65
360.0	514.78	423.51	326.12	282.15	158.50	96.00	51.48	31.22	26.77

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	23.71	20.76	18.14	16.14	14.53	12.97	11.97	11.30	10.91
45.0	25.93	22.71	20.48	18.25	15.69	14.08	12.86	11.80	11.19
90.0	27.99	24.43	22.09	19.92	17.86	15.86	14.14	12.74	11.80
135.0	34.73	27.66	24.43	21.93	18.70	16.81	15.30	13.75	12.69
180.0	27.55	24.21	21.65	19.26	17.47	15.75	14.41	13.47	12.13
225.0	24.76	21.37	19.37	17.20	15.03	13.30	12.19	11.52	11.19
270.0	23.60	20.48	18.14	16.19	13.97	12.47	11.80	11.19	10.85
315.0	21.65	18.59	16.53	14.80	13.36	12.41	11.63	10.91	10.63
360.0	23.71	20.76	18.14	16.14	14.53	12.97	11.97	11.30	10.91

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	10.69	10.46	10.24	10.02	9.85	9.74	9.63	9.57	9.41
45.0	10.85	10.57	10.41	10.24	10.13	10.02	9.79	9.68	9.57
90.0	11.13	10.74	10.52	10.24	10.07	9.96	9.79	9.63	9.52
135.0	11.91	11.19	10.85	10.69	10.41	10.18	10.02	9.91	9.79
180.0	11.41	11.07	10.85	10.52	10.30	10.18	9.96	9.85	9.74
225.0	10.91	10.74	10.52	10.30	10.07	9.96	9.79	9.74	9.63
270.0	10.63	10.46	10.30	10.13	9.91	9.74	9.63	9.57	9.46
315.0	10.41	10.18	10.02	9.85	9.74	9.63	9.57	9.35	9.24
360.0	10.69	10.46	10.24	10.02	9.85	9.74	9.63	9.57	9.41

C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.35	9.24	9.18	9.13	9.07	9.07	9.02	9.02	8.90
45.0	9.46	9.41	9.35	9.29	9.24	9.13	9.07	9.02	9.07
90.0	9.46	9.35	9.35	9.24	9.13	9.07	9.02	9.02	9.02
135.0	9.68	9.46	9.41	9.29	9.24	9.24	9.18	9.13	9.07
180.0	9.63	9.52	9.46	9.29	9.29	9.18	9.13	9.07	9.02
225.0	9.52	9.46	9.35	9.29	9.18	9.13	9.07	9.07	9.02
270.0	9.41	9.24	9.18	9.13	9.13	9.13	9.07	8.96	8.90
315.0	9.18	9.13	9.13	9.07	9.07	8.90	8.90	8.90	8.85
360.0	9.35	9.24	9.18	9.13	9.07	9.07	9.02	9.02	8.90

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.85	8.79	8.79	8.79	8.79	8.79	8.79	8.74	8.74
45.0	8.96	8.96	8.96	8.85	8.85	8.85	8.85	8.85	8.85
90.0	8.96	8.85	8.85	8.85	8.85	8.85	8.85	8.74	8.74
135.0	9.02	8.90	8.90	8.90	8.90	8.85	8.90	8.85	8.79
180.0	9.02	8.96	8.96	8.85	8.85	8.79	8.79	8.79	8.79
225.0	9.02	8.90	8.90	8.90	8.85	8.85	8.85	8.85	8.85
270.0	8.90	8.90	8.90	8.90	8.79	8.79	8.79	8.85	8.85
315.0	8.90	8.85	8.79	8.79	8.74	8.79	8.79	8.74	8.68
360.0	8.85	8.79	8.79	8.79	8.79	8.79	8.79	8.74	8.74

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.68	8.74	8.68	8.74	8.74	8.68	8.68	8.63	8.63
45.0	8.79	8.85	8.79	8.74	8.79	8.79	8.74	8.68	8.74
90.0	8.74	8.74	8.74	8.74	8.79	8.74	8.68	8.74	8.68
135.0	8.74	8.79	8.79	8.74	8.74	8.74	8.74	8.74	8.63
180.0	8.74	8.74	8.74	8.74	8.74	8.79	8.74	8.85	8.68
225.0	8.85	8.79	8.85	8.79	8.79	8.85	8.96	9.07	8.68
270.0	8.79	8.74	8.79	8.74	8.74	8.68	8.74	8.68	8.74
315.0	8.74	8.68	8.68	8.68	8.63	8.68	8.63	8.63	8.68
360.0	8.68	8.74	8.68	8.74	8.74	8.68	8.68	8.63	8.63

Intensity data(cd)

C/γ(°)	90.0
0.0	8.63
45.0	8.74
90.0	8.74
135.0	8.74
180.0	8.57
225.0	8.74
270.0	8.68
315.0	8.68
360.0	8.63