
Client:

LumCAT: MXL2003 44W

Luminaire:

Report No: WH19035068P-2

Voltage(V): 120.0300

Test No: WH19035068P-2

Current(A): 0.3420

LampCAT:

Power (W): 40.7100

Lamp flux(lm)

PF: 0.9923

Number of Lamps: 0

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 4293.33, , Luminous Efficacy(lm/W): 105.46

Central intensity(cd): 575.084, Maximum intensity(cd): 1528.911

Angle of maximum intensity: C=0.0 γ =65.0

Beam Angle(50%Imax): [C0/180]Total=98.0

[C90/270]Total=108.3

Field angle(10%Imax): [C0/180]Total=169.3

[C90/270]Total=156.1

Beam angle of C0 plane : 188.03

Average BeamAngle(IEC 61341):104.08

Maximum s/h(1/2): C0_180=0.46 C90_270=1.26

Maximum s/h(1/4): C0_180=0.57 C90_270=1.37

Up flux rate of LUM(%): 24.03%

Down flux rate of LUM(%): 75.97%

CIE Type : Semidirect lighting

Output flux ratio in π solid angle : 40.951%

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Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	572.399	0.000	0	.000%	.000%
1.0	572.185	0.548	0.548	.013%	.013%
2.0	572.737	1.643	2.191	.038%	.051%
3.0	573.048	2.740	4.931	.064%	.115%
4.0	572.666	3.835	8.766	.089%	.204%
5.0	573.021	4.929	13.695	.115%	.319%
6.0	573.359	6.025	19.72	.140%	.459%
7.0	573.341	7.118	26.837	.166%	.625%
8.0	574.373	8.214	35.051	.191%	.816%
9.0	574.827	9.314	44.365	.217%	1.033%
10.0	573.688	10.394	54.758	.242%	1.275%
11.0	575.236	11.480	66.239	.267%	1.543%
12.0	574.969	12.573	78.812	.293%	1.836%
13.0	574.738	13.644	92.456	.318%	2.153%
14.0	575.164	14.719	107.175	.343%	2.496%
15.0	576.285	15.808	122.982	.368%	2.864%
16.0	575.467	16.876	139.859	.393%	3.258%
17.0	575.831	17.929	157.787	.418%	3.675%
18.0	576.525	19.000	176.787	.443%	4.118%
19.0	575.529	20.043	196.831	.467%	4.585%
20.0	576.294	21.082	217.912	.491%	5.076%
21.0	576.223	22.131	240.043	.515%	5.591%
22.0	575.511	23.145	263.187	.539%	6.130%
23.0	575.058	24.142	287.33	.562%	6.692%
24.0	575.173	25.148	312.478	.586%	7.278%
25.0	574.969	26.152	338.629	.609%	7.887%
26.0	573.857	27.118	365.748	.632%	8.519%
27.0	572.986	28.058	393.805	.654%	9.172%
28.0	573.644	29.030	422.836	.676%	9.849%
29.0	572.781	29.994	452.829	.699%	10.547%
30.0	571.634	30.899	483.728	.720%	11.267%
31.0	571.830	31.821	515.549	.741%	12.008%
32.0	570.158	32.717	548.266	.762%	12.770%
33.0	569.464	33.574	581.84	.782%	13.552%
34.0	568.602	34.441	616.281	.802%	14.354%
35.0	567.401	35.280	651.561	.822%	15.176%
36.0	566.272	36.096	687.657	.841%	16.017%
37.0	565.667	36.918	724.575	.860%	16.877%

Equipment: GMS-2000
Temperature($^{\circ}\text{C}$): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	564.591	37.727	762.301	.879%	17.755%
39.0	563.444	38.503	800.804	.897%	18.652%
40.0	562.333	39.263	840.067	.915%	19.567%
41.0	560.892	39.998	880.065	.932%	20.498%
42.0	560.617	40.746	920.811	.949%	21.447%
43.0	559.478	41.492	962.303	.966%	22.414%
44.0	558.625	42.200	1004.503	.983%	23.397%
45.0	557.246	42.884	1047.387	.999%	24.396%
46.0	555.788	43.528	1090.916	1.014%	25.410%
47.0	554.881	44.174	1135.09	1.029%	26.438%
48.0	553.343	44.800	1179.89	1.043%	27.482%
49.0	552.196	45.400	1225.29	1.057%	28.539%
50.0	550.648	45.981	1271.271	1.071%	29.610%
51.0	549.723	46.555	1317.826	1.084%	30.695%
52.0	548.310	47.117	1364.943	1.097%	31.792%
53.0	546.291	47.615	1412.559	1.109%	32.901%
54.0	544.931	48.096	1460.655	1.120%	34.021%
55.0	543.552	48.588	1509.243	1.132%	35.153%
56.0	541.329	49.023	1558.266	1.142%	36.295%
57.0	539.257	49.407	1607.673	1.151%	37.446%
58.0	537.888	49.811	1657.484	1.160%	38.606%
59.0	535.309	50.173	1707.656	1.169%	39.775%
60.0	533.406	50.490	1758.146	1.176%	40.951%
61.0	531.147	50.803	1808.949	1.183%	42.134%
62.0	528.249	51.048	1859.997	1.189%	43.323%
63.0	525.910	51.269	1911.266	1.194%	44.517%
64.0	523.287	51.484	1962.75	1.199%	45.716%
65.0	520.237	51.643	2014.393	1.203%	46.919%
66.0	517.347	51.769	2066.161	1.206%	48.125%
67.0	514.350	51.877	2118.038	1.208%	49.333%
68.0	510.997	51.941	2169.979	1.210%	50.543%
69.0	507.529	51.960	2221.939	1.210%	51.753%
70.0	504.213	51.961	2273.9	1.210%	52.964%
71.0	500.860	51.948	2325.848	1.210%	54.173%
72.0	496.921	51.882	2377.73	1.208%	55.382%
73.0	493.124	51.772	2429.502	1.206%	56.588%
74.0	489.211	51.644	2481.145	1.203%	57.791%
75.0	484.898	51.468	2532.614	1.199%	58.989%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	480.657	51.255	2583.869	1.194%	60.183%
77.0	476.237	51.017	2634.887	1.188%	61.372%
78.0	472.200	50.771	2685.657	1.183%	62.554%
79.0	466.927	50.459	2736.116	1.175%	63.729%
80.0	461.814	50.071	2786.187	1.166%	64.896%
81.0	457.226	49.700	2835.887	1.158%	66.053%
82.0	451.863	49.298	2885.185	1.148%	67.202%
83.0	446.430	48.832	2934.018	1.137%	68.339%
84.0	441.682	48.383	2982.4	1.127%	69.466%
85.0	436.391	47.923	3030.324	1.116%	70.582%
86.0	430.202	47.369	3077.693	1.103%	71.685%
87.0	424.777	46.791	3124.484	1.090%	72.775%
88.0	419.967	46.274	3170.758	1.078%	73.853%
89.0	414.356	45.731	3216.488	1.065%	74.918%
90.0	408.327	45.106	3261.595	1.051%	75.969%
91.0	403.142	44.492	3306.086	1.036%	77.005%
92.0	397.220	43.869	3349.955	1.022%	78.027%
93.0	391.067	43.181	3393.136	1.006%	79.033%
94.0	385.215	42.484	3435.621	.990%	80.022%
95.0	376.670	41.646	3477.267	.970%	80.992%
96.0	365.972	40.532	3517.799	.944%	81.936%
97.0	356.333	39.350	3557.148	.917%	82.853%
98.0	342.932	38.013	3595.161	.885%	83.738%
99.0	327.824	36.374	3631.535	.847%	84.585%
100.0	310.315	34.510	3666.045	.804%	85.389%
101.0	289.730	32.350	3698.395	.753%	86.143%
102.0	270.344	30.093	3728.487	.701%	86.844%
103.0	251.920	27.957	3756.445	.651%	87.495%
104.0	232.757	25.841	3782.285	.602%	88.097%
105.0	213.345	23.681	3805.966	.552%	88.648%
106.0	197.285	21.696	3827.662	.505%	89.154%
107.0	182.906	19.988	3847.65	.466%	89.619%
108.0	169.923	18.450	3866.1	.430%	90.049%
109.0	165.513	17.442	3883.542	.406%	90.455%
110.0	162.178	16.937	3900.479	.394%	90.850%
111.0	158.710	16.480	3916.959	.384%	91.234%
112.0	158.595	16.187	3933.146	.377%	91.611%
113.0	156.967	15.985	3949.132	.372%	91.983%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
114.0	159.404	15.908	3965.04	.371%	92.353%
115.0	161.502	16.011	3981.051	.373%	92.726%
116.0	164.944	16.156	3997.206	.376%	93.103%
117.0	169.986	16.435	4013.641	.383%	93.485%
118.0	172.760	16.670	4030.311	.388%	93.874%
119.0	176.344	16.822	4047.133	.392%	94.266%
120.0	176.575	16.842	4063.975	.392%	94.658%
121.0	173.391	16.534	4080.508	.385%	95.043%
122.0	169.070	16.010	4096.519	.373%	95.416%
123.0	164.152	15.409	4111.928	.359%	95.775%
124.0	157.207	14.693	4126.621	.342%	96.117%
125.0	150.769	13.917	4140.538	.324%	96.441%
126.0	144.820	13.195	4153.733	.307%	96.748%
127.0	138.854	12.503	4166.236	.291%	97.040%
128.0	132.745	11.815	4178.05	.275%	97.315%
129.0	127.107	11.150	4189.201	.260%	97.575%
130.0	120.366	10.470	4199.671	.244%	97.818%
131.0	114.249	9.782	4209.453	.228%	98.046%
132.0	107.277	9.097	4218.55	.212%	98.258%
133.0	101.017	8.420	4226.97	.196%	98.454%
134.0	94.846	7.790	4234.76	.181%	98.636%
135.0	86.389	7.088	4241.848	.165%	98.801%
136.0	80.440	6.411	4248.259	.149%	98.950%
137.0	73.957	5.827	4254.087	.136%	99.086%
138.0	66.470	5.202	4259.288	.121%	99.207%
139.0	59.961	4.593	4263.882	.107%	99.314%
140.0	53.621	4.045	4267.927	.094%	99.408%
141.0	46.898	3.506	4271.432	.082%	99.490%
142.0	42.319	3.045	4274.477	.071%	99.561%
143.0	36.885	2.644	4277.121	.062%	99.622%
144.0	31.746	2.238	4279.36	.052%	99.675%
145.0	27.957	1.901	4281.261	.044%	99.719%
146.0	23.236	1.590	4282.85	.037%	99.756%
147.0	19.341	1.288	4284.139	.030%	99.786%
148.0	16.504	1.056	4285.195	.025%	99.810%
149.0	14.139	0.878	4286.073	.020%	99.831%
150.0	12.218	0.733	4286.806	.017%	99.848%
151.0	11.391	0.637	4287.444	.015%	99.863%

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Zonal flux distribution table

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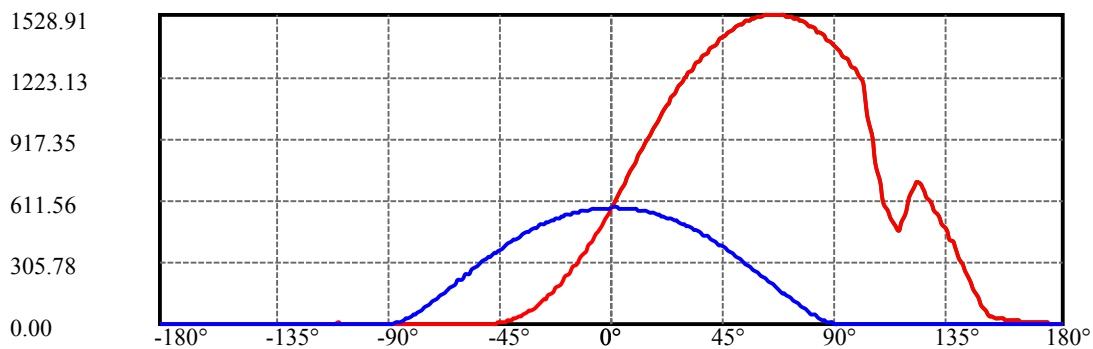
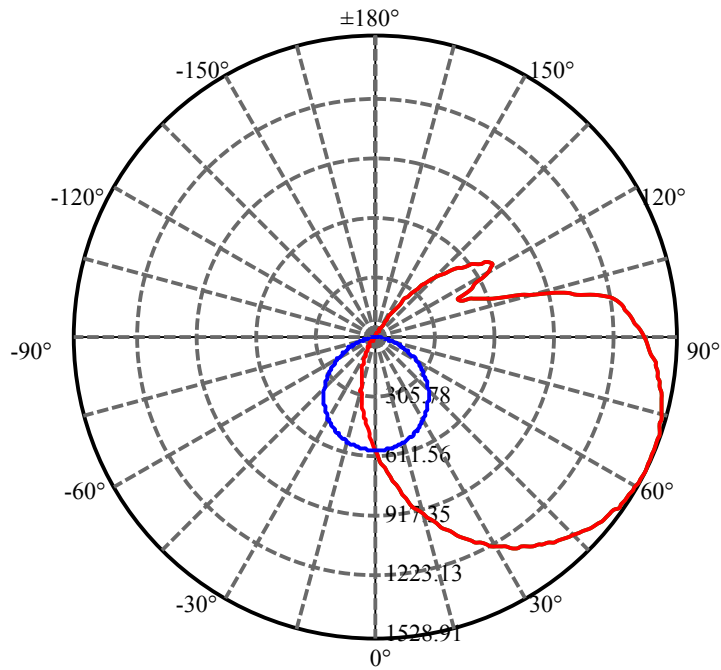
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
152.0	10.582	0.575	4288.019	.013%	99.876%
153.0	10.039	0.522	4288.541	.012%	99.888%
154.0	9.577	0.480	4289.021	.011%	99.900%
155.0	8.937	0.437	4289.458	.010%	99.910%
156.0	8.368	0.393	4289.851	.009%	99.919%
157.0	7.950	0.357	4290.208	.008%	99.927%
158.0	7.692	0.328	4290.536	.008%	99.935%
159.0	7.247	0.300	4290.836	.007%	99.942%
160.0	7.025	0.274	4291.11	.006%	99.948%
161.0	6.829	0.254	4291.364	.006%	99.954%
162.0	6.598	0.234	4291.597	.005%	99.960%
163.0	6.465	0.215	4291.813	.005%	99.965%
164.0	6.314	0.199	4292.012	.005%	99.969%
165.0	6.198	0.183	4292.195	.004%	99.974%
166.0	6.091	0.169	4292.364	.004%	99.977%
167.0	5.967	0.154	4292.518	.004%	99.981%
168.0	5.762	0.139	4292.657	.003%	99.984%
169.0	5.549	0.124	4292.781	.003%	99.987%
170.0	5.211	0.108	4292.889	.003%	99.990%
171.0	4.980	0.092	4292.981	.002%	99.992%
172.0	4.811	0.079	4293.06	.002%	99.994%
173.0	4.535	0.067	4293.127	.002%	99.995%
174.0	4.411	0.056	4293.183	.001%	99.996%
175.0	4.375	0.046	4293.229	.001%	99.998%
176.0	4.322	0.037	4293.266	.001%	99.998%
177.0	4.348	0.029	4293.295	.001%	99.999%
178.0	4.384	0.021	4293.316	.000%	100.000%
179.0	4.411	0.013	4293.329	.000%	100.000%
180.0	4.339	0.004	4293.333	.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	483.73	11.27%
0-40	840.07	19.57%
0-60	1758.15	40.95%
0-90	3261.59	75.97%
0-120	4063.97	94.66%
0-180	4293.33	100.00%
60-90	1553.94	36.19%
90-120	847.49	19.74%
90-130	983.18	22.90%
90-150	1070.32	24.93%
90-180	1076.84	25.08%
0-93.98	3434.67	80.00%

ZONAL LUMEN SUMMARY

0-10	54.76
10-20	163.15
20-30	265.82
30-40	356.34
40-50	431.20
50-60	486.88
60-70	515.75
70-80	512.29
80-90	475.41
90-100	404.45
100-110	234.43
110-120	163.50
120-130	135.70
130-140	68.26
140-150	18.88
150-160	4.30
160-170	1.78
170-180	0.44



C0(Max):

C0/C180:

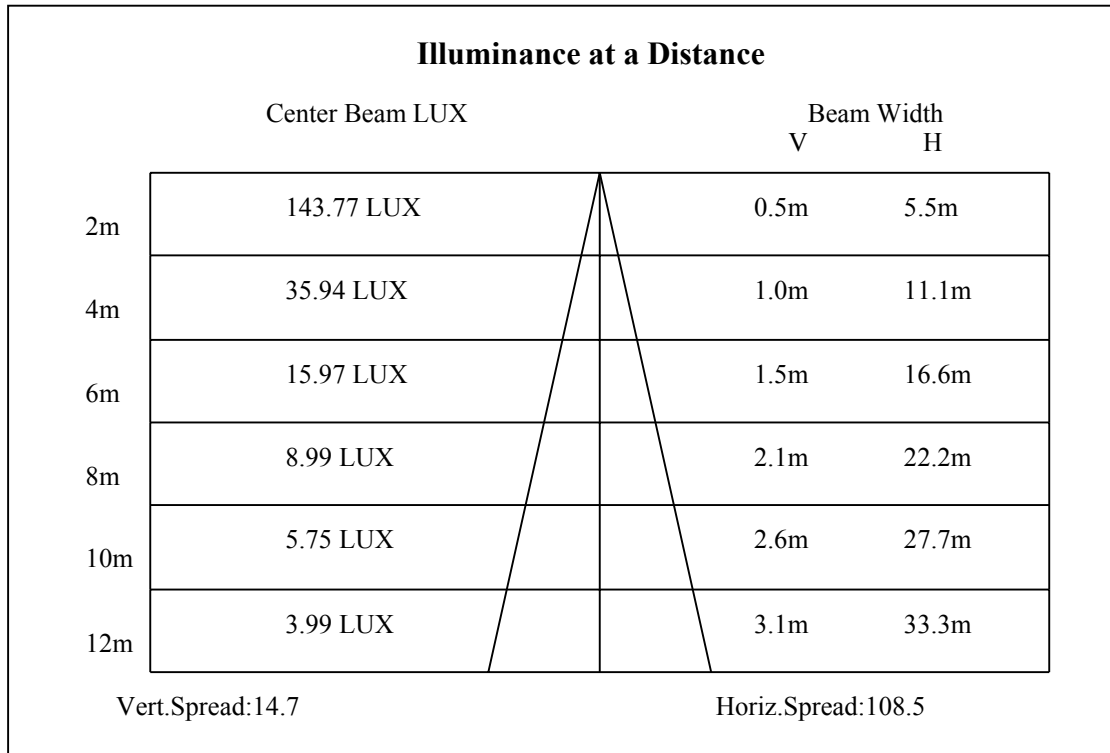
C90/C270:

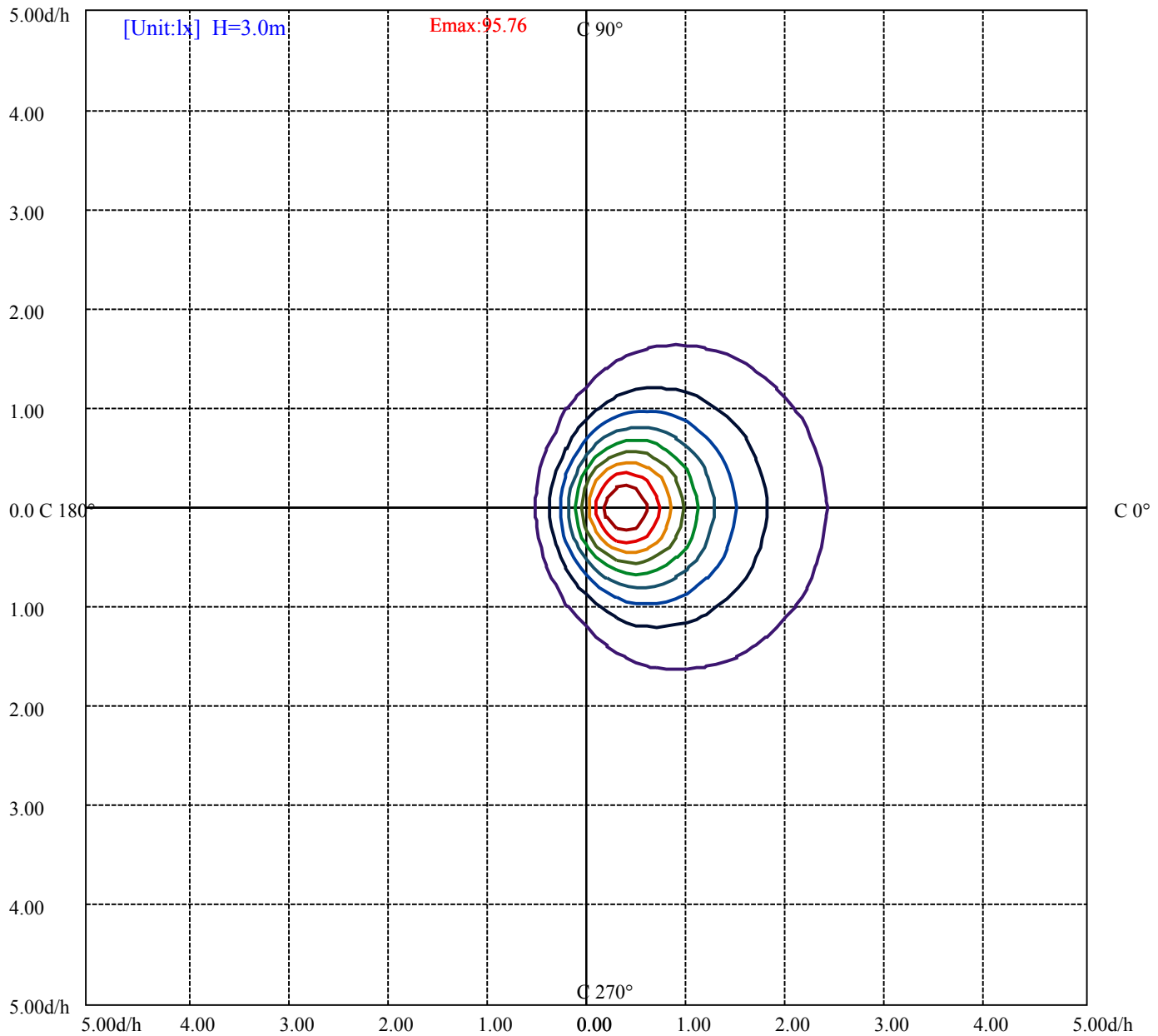
Field angle(10%Imax):C0/180Left:89.0 Right:80.3

:C90/270Left:78.2 Right:77.9

Beam Angle(50%Imax):C0/180Left:56.9 Right:41.1

:C90/270Left:54.4 Right:53.9





(10%Emax)	9.575656	
(20%Emax)	19.15133	
(30%Emax)	28.727	
(40%Emax)	38.30267	
(50%Emax)	47.87833	
(60%Emax)	57.45389	
(70%Emax)	67.02956	
(80%Emax)	76.60522	
(90%Emax)	86.18089	

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Intensity data(cd)

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C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	575.08	592.87	622.46	646.79	664.72	689.05	719.07	737.42	761.47
22.5	565.41	598.28	620.19	636.69	664.01	686.06	702.56	729.88	751.65
45.0	569.39	585.90	606.67	623.32	635.69	656.32	672.40	684.78	704.70
67.5	571.95	583.62	594.86	601.26	609.94	620.76	627.02	634.98	644.80
90.0	574.66	574.80	574.66	574.37	573.66	573.23	571.81	570.67	569.68
112.5	558.15	546.63	539.80	530.55	521.16	514.19	502.24	492.71	480.75
135.0	581.91	557.30	540.80	524.43	512.48	492.42	476.77	457.42	446.04
157.5	582.63	555.31	533.97	518.03	492.71	472.36	457.99	439.07	415.73
180.0	575.08	551.75	523.15	506.51	484.60	458.27	442.77	422.85	408.19
202.5	565.41	549.33	533.40	507.36	486.73	471.79	443.05	428.97	415.16
225.0	569.39	556.73	540.23	527.85	507.50	491.28	479.47	459.98	444.90
247.5	571.95	567.40	558.15	546.49	539.09	529.27	517.04	509.64	499.68
270.0	574.66	574.52	574.37	573.09	572.52	570.96	569.54	568.54	567.12
292.5	558.15	571.10	573.23	584.05	592.58	598.56	608.66	616.49	622.18
315.0	581.91	590.31	606.67	619.19	639.82	656.18	668.28	688.34	704.41
337.5	582.63	599.13	621.18	648.78	665.43	687.63	715.09	731.73	753.50
360.0	575.08	592.87	622.46	646.79	664.72	689.05	719.07	737.42	761.47
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	791.63	809.70	833.32	862.91	886.53	903.74	932.20	949.13	971.47
22.5	767.73	789.07	815.68	831.61	852.38	878.13	893.50	913.42	938.46
45.0	720.49	732.16	751.51	767.16	778.40	789.78	811.69	822.65	837.02
67.5	650.49	657.89	666.71	671.83	678.80	685.49	690.04	697.59	703.70
90.0	567.40	566.12	564.13	561.14	558.58	556.59	552.75	549.62	547.20
112.5	473.50	463.82	456.43	444.19	434.37	421.85	414.60	404.64	392.12
135.0	430.96	412.46	401.51	386.71	368.50	357.83	343.88	333.07	319.41
157.5	401.93	383.86	361.81	349.01	331.93	311.02	299.07	283.27	263.92
180.0	388.99	365.51	347.44	333.92	312.16	295.23	282.70	262.50	246.71
202.5	396.81	374.47	361.24	343.88	323.11	310.73	294.66	274.88	263.64
225.0	433.52	415.02	399.94	381.59	370.77	356.40	345.88	331.93	314.43
247.5	487.30	479.90	469.80	454.58	452.01	439.35	428.97	421.57	408.48
270.0	564.84	562.71	560.15	557.02	554.74	551.75	549.47	545.21	541.51
292.5	630.15	638.82	644.37	651.49	659.74	666.28	670.98	678.24	682.65
315.0	716.08	735.72	751.22	762.61	777.97	796.33	807.28	821.94	839.72
337.5	775.41	791.77	818.52	839.86	855.80	882.12	902.89	917.83	942.87
360.0	791.63	809.70	833.32	862.91	886.53	903.74	932.20	949.13	971.47
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	993.52	1019.70	1035.64	1056.41	1081.73	1096.67	1116.45	1140.64	1154.58
22.5	952.83	967.48	995.66	1009.74	1027.95	1045.88	1059.11	1080.45	1096.96
45.0	854.52	864.76	878.28	894.78	907.59	916.98	932.34	944.44	952.83
67.5	707.69	714.52	719.64	723.34	729.03	733.15	736.28	740.98	744.54
90.0	543.64	539.09	535.96	531.97	526.71	523.01	518.32	512.20	508.36
112.5	386.85	374.47	364.37	356.69	344.17	333.92	326.10	313.58	303.33
135.0	302.34	288.82	279.15	262.79	250.12	240.73	225.37	213.56	204.59
157.5	256.24	237.75	223.52	213.13	196.20	183.25	173.86	158.50	146.83
180.0	235.18	216.83	202.74	192.36	178.98	162.91	153.37	141.42	127.34
202.5	248.70	234.19	223.66	206.30	193.35	183.54	167.89	157.22	145.41
225.0	304.33	290.81	274.45	264.64	251.97	236.32	226.93	214.98	200.04
247.5	398.23	390.27	377.32	366.79	353.70	345.88	335.35	322.12	316.85
270.0	538.66	533.54	529.56	526.28	520.59	515.61	511.91	506.79	499.96
292.5	688.62	695.17	699.01	703.99	708.82	712.10	717.36	721.20	724.05
315.0	850.11	863.76	880.55	890.51	903.32	918.97	928.22	940.17	951.98
337.5	962.93	977.30	1001.20	1019.84	1033.93	1052.00	1073.91	1091.27	1104.07
360.0	993.52	1019.70	1035.64	1056.41	1081.73	1096.67	1116.45	1140.64	1154.58

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

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Intensity data(cd)

Appendix Page: 12 Total:17

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1173.08	1195.41	1212.91	1225.72	1242.08	1253.60	1273.10	1287.61	1298.14
22.5	1109.34	1129.25	1144.48	1155.72	1174.21	1185.31	1199.11	1215.62	1228.99
45.0	964.35	978.01	985.98	995.94	1008.03	1015.15	1017.42	1034.92	1041.33
67.5	747.10	750.23	753.78	755.63	758.05	760.61	761.89	763.32	764.88
90.0	503.23	496.26	491.99	486.02	480.04	475.35	467.38	460.69	455.86
112.5	295.51	283.13	273.03	265.35	255.53	242.87	235.33	225.37	217.83
135.0	190.22	179.13	171.02	160.20	147.26	139.72	129.90	117.95	111.12
157.5	132.60	124.49	114.25	104.15	97.03	85.79	79.25	71.00	61.32
180.0	119.09	108.70	96.18	89.07	80.10	69.43	63.31	55.77	46.81
202.5	131.46	123.50	113.11	100.87	94.05	84.94	74.41	68.29	60.47
225.0	188.66	179.98	168.88	155.51	147.68	137.72	125.35	118.09	108.98
247.5	303.76	293.38	285.41	272.32	262.07	254.25	241.16	231.20	223.66
270.0	495.69	490.14	482.60	478.05	471.65	463.40	458.42	451.73	442.91
292.5	728.46	731.87	733.87	737.71	740.41	742.97	744.68	746.53	747.95
315.0	960.51	974.17	984.56	992.38	1004.76	1014.15	1025.82	1021.27	1029.94
337.5	1124.70	1140.64	1152.45	1171.51	1186.31	1197.26	1214.90	1228.28	1238.24
360.0	1173.08	1195.41	1212.91	1225.72	1242.08	1253.60	1273.10	1287.61	1298.14
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	1315.49	1328.58	1338.12	1353.77	1366.29	1375.25	1389.62	1401.15	1412.10
22.5	1238.38	1250.76	1265.13	1273.81	1284.91	1297.57	1305.11	1314.64	1325.88
45.0	1049.58	1058.83	1062.38	1070.92	1077.47	1081.88	1088.85	1093.97	1097.67
67.5	765.88	766.16	766.45	766.45	766.16	765.88	765.45	764.31	763.17
90.0	447.03	439.92	434.23	425.12	417.44	411.61	401.65	393.68	387.42
112.5	205.59	195.92	188.66	176.71	167.46	155.94	159.35	148.11	141.42
135.0	102.01	91.48	85.22	77.54	68.01	62.89	55.91	49.51	44.96
157.5	55.77	48.80	40.83	35.00	30.73	24.47	21.06	16.93	13.23
180.0	42.11	35.85	31.59	24.90	20.35	15.22	12.52	9.39	7.54
202.5	51.79	48.37	40.41	34.72	30.59	24.19	19.92	16.79	12.52
225.0	97.74	91.34	83.37	73.56	68.01	60.61	54.07	49.23	41.97
247.5	210.85	201.18	193.64	183.68	171.44	164.33	154.66	142.99	136.16
270.0	437.36	429.82	422.28	416.59	406.77	398.52	388.13	381.73	373.48
292.5	749.23	750.65	751.51	751.93	752.36	752.36	752.08	751.51	750.51
315.0	1040.62	1046.59	1054.27	1063.38	1068.50	1074.90	1082.59	1086.86	1091.98
337.5	1250.90	1266.41	1275.37	1287.04	1300.84	1308.67	1318.91	1330.86	1337.97
360.0	1315.49	1328.58	1338.12	1353.77	1366.29	1375.25	1389.62	1401.15	1412.10
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	1420.50	1433.73	1443.69	1451.08	1462.75	1471.00	1480.54	1485.66	1492.20
22.5	1332.57	1340.68	1350.64	1355.90	1362.87	1369.42	1374.11	1380.94	1386.06
45.0	1103.36	1107.20	1110.05	1114.03	1117.16	1119.15	1121.43	1123.71	1124.84
67.5	761.89	759.48	757.48	754.35	752.36	749.09	744.96	742.12	738.28
90.0	379.03	368.21	361.95	353.13	342.03	332.93	326.10	314.43	305.33
112.5	132.74	121.79	113.39	106.99	97.03	89.35	83.66	76.55	67.58
135.0	37.85	32.58	28.88	23.48	19.21	16.36	12.52	9.67	7.83
157.5	9.39	7.54	5.41	3.70	3.13	2.70	2.42	2.13	2.42
180.0	4.84	3.56	2.85	2.56	2.13	2.13	2.13	2.28	2.28
202.5	9.39	7.11	4.84	3.70	2.85	2.56	2.28	2.13	2.28
225.0	33.44	32.15	26.32	21.91	19.07	14.51	11.38	9.53	6.40
247.5	127.20	116.67	110.41	102.01	92.20	84.37	78.82	71.57	63.03
270.0	362.38	355.98	346.87	335.63	328.66	319.41	309.74	302.77	290.96
292.5	749.66	747.67	746.24	744.82	742.40	739.27	737.14	734.01	729.74
315.0	1098.38	1100.51	1105.49	1109.48	1113.46	1115.45	1117.87	1119.44	1121.71
337.5	1353.34	1357.75	1363.58	1370.70	1377.81	1382.65	1390.47	1396.02	1399.72
360.0	1420.50	1433.73	1443.69	1451.08	1462.75	1471.00	1480.54	1485.66	1492.20

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

MXL2003 44W

Intensity data(cd)

Appendix Page: 13 Total:17

C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	1496.61	1503.87	1508.42	1511.70	1515.54	1519.95	1522.65	1524.36	1526.63
22.5	1389.48	1394.60	1398.30	1400.86	1404.28	1406.41	1408.54	1409.54	1410.39
45.0	1126.12	1126.98	1127.55	1127.83	1127.40	1126.84	1126.12	1124.13	1122.85
67.5	733.87	730.59	724.48	719.50	715.51	708.68	702.99	698.58	691.04
90.0	298.21	286.40	277.01	269.47	259.94	247.70	240.16	230.06	217.54
112.5	62.60	56.20	48.37	44.11	38.70	32.01	28.74	24.33	19.35
135.0	5.26	3.98	3.56	2.85	2.56	2.70	2.70	2.56	2.85
157.5	2.13	2.28	2.42	2.28	2.42	2.70	2.42	2.28	2.28
180.0	2.13	2.28	2.42	2.42	1.99	2.28	1.99	1.85	1.57
202.5	2.28	2.28	2.42	2.28	2.42	2.42	2.42	2.28	2.13
225.0	4.70	3.98	2.99	2.56	2.28	2.56	2.28	2.28	2.42
247.5	58.05	51.79	44.39	38.98	35.00	28.88	25.33	21.34	16.79
270.0	281.28	274.17	261.65	246.71	244.15	231.63	221.67	213.98	201.18
292.5	726.89	723.05	717.50	714.09	708.82	702.42	698.30	692.61	686.49
315.0	1123.28	1124.42	1124.99	1125.55	1125.55	1125.41	1124.56	1123.56	1122.85
337.5	1405.98	1409.97	1414.80	1416.94	1419.64	1422.35	1423.63	1424.62	1425.62
360.0	1496.61	1503.87	1508.42	1511.70	1515.54	1519.95	1522.65	1524.36	1526.63
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1527.49	1528.48	1528.91	1528.48	1527.77	1526.21	1524.78	1522.65	1519.66
22.5	1410.68	1410.68	1410.11	1409.11	1407.98	1405.56	1402.85	1400.58	1396.31
45.0	1120.58	1118.01	1115.60	1111.75	1107.91	1104.92	1099.23	1094.11	1090.27
67.5	684.64	679.80	671.55	664.58	659.17	651.63	642.10	635.98	628.01
90.0	210.14	199.61	186.95	179.41	169.31	156.65	151.53	139.29	129.05
112.5	16.65	13.52	10.53	8.82	6.40	4.70	3.98	3.41	3.13
135.0	2.70	2.70	2.70	2.56	2.56	2.13	1.99	1.85	1.85
157.5	2.13	1.99	1.85	1.99	2.13	1.99	2.13	2.28	2.28
180.0	1.71	1.57	1.71	1.71	1.99	1.99	2.13	2.13	1.99
202.5	1.99	1.57	1.85	1.71	1.57	1.85	1.85	1.99	1.85
225.0	2.42	2.42	2.42	2.42	2.28	2.13	1.85	1.85	1.85
247.5	14.37	11.52	8.82	7.26	5.12	3.84	3.56	2.85	2.85
270.0	190.94	183.25	173.15	160.06	152.52	142.42	130.04	122.64	112.83
292.5	681.79	673.54	666.57	661.30	652.06	644.52	634.70	626.59	620.33
315.0	1120.72	1118.44	1116.59	1112.75	1109.34	1106.35	1101.08	1096.53	1092.69
337.5	1425.62	1425.48	1424.48	1423.63	1421.49	1419.07	1416.65	1412.67	1408.83
360.0	1527.49	1528.48	1528.91	1528.48	1527.77	1526.21	1524.78	1522.65	1519.66
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	1517.10	1512.12	1507.57	1503.44	1496.33	1489.93	1484.80	1475.41	1467.59
22.5	1392.04	1388.34	1381.51	1375.96	1371.55	1365.15	1359.74	1350.21	1341.39
45.0	1083.30	1077.18	1072.34	1063.95	1056.41	1050.72	1042.75	1032.22	1025.11
67.5	617.34	610.80	601.97	590.31	583.62	573.80	566.41	554.03	543.36
90.0	122.07	109.84	100.31	93.33	81.95	72.99	66.44	56.20	48.52
112.5	2.85	2.85	2.99	2.85	2.85	2.56	2.56	2.42	2.28
135.0	1.99	1.99	2.13	2.13	2.13	2.28	2.28	2.13	2.28
157.5	2.13	2.13	2.28	2.28	2.28	2.56	2.28	2.28	2.28
180.0	2.13	2.28	2.28	2.13	2.42	2.13	2.28	2.42	2.42
202.5	1.85	1.99	1.99	1.99	1.99	1.99	1.99	2.13	2.13
225.0	1.85	1.71	1.85	1.71	1.85	1.85	1.99	1.85	1.85
247.5	2.70	2.70	2.56	2.70	2.56	2.42	2.13	2.13	2.13
270.0	100.73	93.90	84.80	73.56	65.16	59.05	51.22	45.53	36.71
292.5	609.23	602.69	593.72	584.47	577.36	565.12	555.02	547.34	534.11
315.0	1087.71	1080.03	1075.33	1068.22	1059.11	1053.14	1044.74	1033.93	1027.10
337.5	1405.70	1399.44	1393.75	1389.34	1382.93	1374.11	1368.56	1360.60	1349.78
360.0	1517.10	1512.12	1507.57	1503.44	1496.33	1489.93	1484.80	1475.41	1467.59

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

MXL2003 44W

Intensity data(cd)

Appendix Page: 14 Total:17

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	1460.90	1447.24	1440.13	1432.59	1422.35	1408.40	1397.16	1387.91	1372.41
22.5	1330.86	1323.89	1314.36	1306.96	1294.15	1283.20	1269.25	1263.85	1250.05
45.0	1015.86	1003.05	994.94	984.13	969.90	958.09	948.99	933.91	924.94
67.5	535.53	524.58	510.78	499.39	490.43	475.92	463.54	454.43	439.21
90.0	42.83	36.00	27.89	23.33	18.21	12.38	9.82	6.69	4.13
112.5	2.42	2.42	2.28	2.42	2.28	2.28	2.42	2.56	2.56
135.0	2.28	2.13	2.28	2.28	2.42	2.28	2.42	2.28	2.42
157.5	2.42	2.56	2.42	2.56	2.70	2.56	2.85	2.85	2.99
180.0	2.28	2.42	2.42	2.42	2.56	2.42	2.56	2.85	2.85
202.5	1.85	1.99	1.99	1.99	1.99	1.99	2.13	2.13	2.42
225.0	1.99	1.99	1.99	1.85	1.99	1.99	1.99	2.13	2.13
247.5	2.28	2.13	2.28	2.13	2.28	2.13	2.28	2.42	3.41
270.0	30.02	25.47	18.78	14.23	10.96	7.11	4.70	3.27	2.99
292.5	523.30	514.90	500.96	489.29	480.61	465.82	453.58	444.47	431.67
315.0	1017.85	1005.33	997.51	986.98	975.88	967.34	952.40	940.17	930.64
337.5	1342.95	1333.71	1321.90	1314.36	1303.54	1289.32	1280.35	1267.55	1254.88
360.0	1460.90	1447.24	1440.13	1432.59	1422.35	1408.40	1397.16	1387.91	1372.41
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	1359.46	1349.78	1333.28	1319.76	1309.23	1291.02	1276.08	1264.56	1248.20
22.5	1240.94	1226.57	1209.07	1194.99	1184.46	1166.39	1151.31	1139.64	1118.58
45.0	912.14	899.05	889.37	872.73	858.93	840.86	830.05	797.61	729.74
67.5	426.55	417.16	401.79	388.99	370.49	331.36	273.31	238.88	204.74
90.0	3.13	2.70	2.85	2.56	2.42	1.99	2.13	2.13	2.13
112.5	2.85	2.56	2.13	2.28	2.85	2.85	2.99	3.13	2.99
135.0	2.42	2.56	2.42	2.70	2.70	2.99	2.99	3.27	3.41
157.5	2.85	2.85	2.85	2.85	2.99	3.13	3.27	3.70	3.98
180.0	2.70	2.70	2.70	2.85	2.85	3.27	3.41	3.56	3.98
202.5	2.13	2.56	2.28	2.28	2.70	2.85	2.99	3.13	3.27
225.0	2.13	2.13	2.28	2.28	2.42	2.56	2.85	2.85	2.99
247.5	3.41	2.99	2.28	2.28	2.56	2.85	2.70	2.99	3.13
270.0	2.70	2.70	2.70	2.70	2.70	2.56	2.56	2.99	2.85
292.5	415.88	403.21	393.68	378.03	367.79	347.73	303.48	274.17	236.61
315.0	913.99	900.76	890.66	875.29	861.92	852.10	834.17	817.24	797.04
337.5	1239.95	1229.99	1215.19	1204.52	1186.45	1172.22	1161.27	1141.49	1123.28
360.0	1359.46	1349.78	1333.28	1319.76	1309.23	1291.02	1276.08	1264.56	1248.20
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	1222.59	1192.00	1131.10	1047.16	994.80	922.38	829.76	773.85	700.15
22.5	1078.18	1033.79	968.77	882.26	827.91	753.93	659.31	603.82	548.91
45.0	684.35	620.61	537.67	487.30	432.52	395.39	373.19	343.60	327.81
67.5	177.99	174.57	184.25	200.61	206.87	205.31	198.33	193.35	186.10
90.0	2.28	2.13	1.99	2.13	2.13	1.99	1.99	1.99	2.13
112.5	3.13	3.13	3.27	3.27	3.13	3.41	3.27	3.27	3.13
135.0	3.41	3.41	3.70	3.70	3.70	3.70	3.84	3.84	3.70
157.5	4.13	4.13	4.27	4.13	4.27	4.27	4.27	4.41	4.27
180.0	3.98	4.13	4.41	4.13	4.55	4.55	4.41	4.41	4.55
202.5	3.41	3.70	3.56	3.84	3.84	3.84	3.70	3.98	3.84
225.0	2.99	3.13	3.27	3.27	3.27	3.41	3.41	3.41	3.27
247.5	2.99	2.99	2.99	3.13	2.99	2.99	2.85	2.85	2.99
270.0	2.99	2.85	2.70	2.56	2.56	2.42	2.56	2.42	2.42
292.5	203.46	189.37	181.55	186.81	192.07	196.91	192.07	187.24	178.70
315.0	748.66	679.66	636.12	575.23	499.25	460.84	425.69	389.55	371.91
337.5	1100.66	1045.45	966.06	915.98	846.83	758.76	704.84	634.56	582.63
360.0	1222.59	1192.00	1131.10	1047.16	994.80	922.38	829.76	773.85	700.15

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

MXL2003 44W

Intensity data(cd)

Appendix Page: 15 Total:17

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	623.60	593.30	560.43	530.41	510.63	482.04	466.81	464.96	499.54
22.5	501.10	476.49	447.60	418.72	406.06	401.93	429.53	459.27	510.63
45.0	324.82	354.55	387.28	412.03	448.60	469.66	471.36	456.00	440.63
67.5	178.70	173.44	163.19	153.80	145.98	131.89	119.80	110.55	95.18
90.0	1.85	1.85	1.99	1.71	1.71	1.85	1.71	1.85	1.71
112.5	3.27	3.13	3.13	3.13	3.13	2.99	2.85	2.85	2.99
135.0	3.70	3.70	3.98	3.70	3.70	3.70	3.70	3.41	3.41
157.5	4.41	4.41	4.41	4.27	4.41	4.13	4.41	4.13	4.41
180.0	4.55	4.84	4.70	4.55	4.55	4.55	4.41	4.41	4.41
202.5	3.70	3.98	3.84	3.84	3.98	3.98	3.84	3.70	3.70
225.0	3.41	3.41	3.27	3.41	3.13	3.27	3.13	3.13	2.99
247.5	2.99	2.85	2.99	2.99	2.85	2.70	2.99	2.70	2.70
270.0	2.42	2.28	2.13	2.28	2.42	2.28	2.13	2.13	2.28
292.5	171.59	166.32	156.65	147.40	139.86	126.20	114.82	106.14	94.76
315.0	354.41	351.28	367.93	395.82	422.42	441.06	464.39	465.25	447.46
337.5	534.25	502.38	481.32	451.30	434.09	429.25	454.58	493.56	522.30
360.0	623.60	593.30	560.43	530.41	510.63	482.04	466.81	464.96	499.54
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	542.93	574.94	625.59	662.73	686.35	705.27	689.76	673.54	651.91
22.5	550.04	577.65	616.06	624.74	615.35	593.30	579.35	560.43	536.81
45.0	429.25	413.74	394.68	383.29	368.21	350.14	346.16	321.83	300.35
67.5	83.37	74.55	63.31	49.94	39.70	32.44	26.32	18.50	16.08
90.0	1.85	1.71	1.71	1.71	1.57	1.71	1.57	1.57	1.57
112.5	2.85	2.99	2.85	2.85	2.70	2.56	2.42	2.42	2.42
135.0	3.41	3.41	3.13	3.56	3.13	2.99	3.27	3.13	2.99
157.5	4.27	4.13	3.84	3.84	3.84	3.84	3.70	3.56	3.70
180.0	4.55	4.27	4.41	4.27	3.98	3.98	3.98	3.84	3.84
202.5	3.84	3.70	3.70	3.70	3.56	3.56	3.41	3.27	2.99
225.0	3.13	3.27	2.99	2.85	2.99	2.99	2.99	2.85	2.85
247.5	2.85	2.56	2.70	2.56	2.42	2.56	2.42	2.13	2.28
270.0	2.13	2.28	2.28	2.28	2.13	2.13	2.13	2.13	2.13
292.5	81.24	72.70	62.32	49.80	42.54	34.00	25.18	21.91	19.35
315.0	436.51	422.14	411.47	393.40	379.17	361.24	350.43	334.78	317.99
337.5	567.54	600.13	620.47	633.70	616.63	602.40	583.34	559.43	545.06
360.0	542.93	574.94	625.59	662.73	686.35	705.27	689.76	673.54	651.91
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	624.74	608.52	587.18	560.29	544.21	522.44	495.27	478.05	453.30
22.5	517.89	503.95	485.17	471.22	447.60	426.97	399.51	382.44	359.11
45.0	287.26	269.05	245.43	231.06	211.99	192.93	178.56	155.08	136.73
67.5	13.94	13.23	12.80	12.09	11.67	11.24	11.10	10.53	10.24
90.0	1.85	1.85	1.85	1.71	1.85	1.85	1.71	1.85	1.85
112.5	2.28	2.28	2.28	2.28	2.42	2.42	2.42	2.42	2.42
135.0	2.85	2.99	2.85	2.99	2.85	2.70	2.70	2.70	2.70
157.5	3.41	3.41	3.41	3.27	3.41	3.27	3.13	3.27	3.27
180.0	3.70	3.70	3.56	3.56	3.56	3.56	3.27	3.56	3.27
202.5	3.13	3.13	3.27	3.27	3.27	3.13	3.27	3.27	3.27
225.0	2.70	2.85	2.85	2.56	2.70	2.70	2.70	2.70	2.70
247.5	2.28	2.28	2.42	2.42	2.28	2.28	2.28	2.28	2.42
270.0	2.13	2.13	2.13	2.13	2.13	2.28	2.28	2.28	2.42
292.5	18.07	17.64	16.93	16.08	15.51	14.80	14.23	13.66	13.09
315.0	305.18	282.85	264.21	250.12	226.51	207.44	188.52	169.74	155.79
337.5	525.71	501.81	487.58	468.66	443.90	427.97	405.49	382.44	364.94
360.0	624.74	608.52	587.18	560.29	544.21	522.44	495.27	478.05	453.30

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

MXL2003 44W

Intensity data(cd)

Appendix Page: 16 Total:17

C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	421.43	408.34	375.33	348.15	327.24	292.10	264.49	243.58	209.01
22.5	329.23	310.59	285.41	253.82	235.33	210.71	185.96	167.89	138.58
45.0	123.21	101.16	84.09	71.85	52.64	40.55	34.43	27.60	24.90
67.5	10.24	9.67	9.39	9.11	8.82	8.68	8.25	7.83	7.97
90.0	1.99	1.99	2.13	2.13	2.28	2.28	2.28	2.56	2.42
112.5	2.42	2.42	2.70	2.70	2.56	2.70	2.70	2.85	2.99
135.0	2.70	2.56	2.56	2.70	2.85	2.85	2.99	2.99	2.99
157.5	2.99	3.13	2.99	2.99	3.13	2.99	3.13	3.27	3.27
180.0	3.27	3.27	3.13	3.27	3.27	3.27	3.27	3.41	3.41
202.5	3.13	3.27	3.27	3.27	3.27	3.41	3.27	3.27	3.56
225.0	2.70	2.85	2.85	2.85	2.85	2.99	2.99	2.99	3.13
247.5	2.42	2.56	2.56	2.70	2.56	2.70	2.99	2.85	2.99
270.0	2.42	2.56	2.70	2.85	2.85	2.85	2.85	2.99	2.85
292.5	12.52	12.09	11.52	10.96	10.81	10.24	10.10	9.53	9.25
315.0	132.74	110.83	102.01	85.08	65.02	54.21	42.11	33.15	30.16
337.5	328.80	309.74	290.67	259.09	233.90	215.41	178.56	160.35	142.70
360.0	421.43	408.34	375.33	348.15	327.24	292.10	264.49	243.58	209.01
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	181.97	162.05	130.18	105.71	88.21	66.87	47.09	40.12	34.00
22.5	115.81	99.17	73.13	55.06	45.24	35.14	30.59	28.88	26.46
45.0	23.76	22.62	21.20	20.49	19.49	18.64	17.50	16.65	15.37
67.5	7.40	7.54	7.26	7.40	7.11	7.11	7.54	7.68	7.68
90.0	2.85	2.70	2.99	2.85	2.99	2.99	3.13	3.13	3.13
112.5	2.99	2.99	3.13	3.13	3.27	3.27	3.56	3.41	3.56
135.0	2.99	3.27	3.27	3.27	3.41	3.56	3.70	3.56	3.56
157.5	3.27	3.41	3.41	3.56	3.70	3.84	3.84	3.84	3.70
180.0	3.27	3.41	3.70	3.56	3.70	3.84	3.56	3.84	3.84
202.5	3.41	3.56	3.56	3.56	3.70	3.84	3.84	3.84	3.84
225.0	3.27	3.27	3.27	3.41	3.56	3.56	3.56	3.70	3.84
247.5	2.99	2.85	2.85	3.13	2.99	3.27	3.27	3.27	3.41
270.0	2.99	3.13	3.13	3.13	3.27	3.27	3.41	3.56	3.27
292.5	8.68	8.54	8.54	8.68	8.54	8.54	8.68	8.54	8.11
315.0	27.74	26.04	24.61	23.48	21.91	21.06	19.78	18.64	17.64
337.5	114.53	92.76	77.54	59.05	42.97	37.42	32.44	29.59	27.89
360.0	181.97	162.05	130.18	105.71	88.21	66.87	47.09	40.12	34.00
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	30.45	29.17	27.03	24.33	23.05	21.34	19.21	17.93	16.50
22.5	24.76	23.48	21.91	20.06	19.35	18.07	16.22	15.37	14.09
45.0	14.80	13.37	10.24	8.82	7.40	6.83	6.54	6.83	7.40
67.5	6.97	6.54	6.12	5.98	5.98	5.98	5.83	5.55	5.26
90.0	3.27	3.27	3.41	3.70	3.56	3.70	3.70	3.98	3.98
112.5	3.70	3.70	3.98	3.98	3.98	4.13	4.13	4.13	4.27
135.0	3.98	3.84	3.84	3.84	3.98	4.13	3.98	4.13	4.27
157.5	3.84	3.98	3.98	4.13	4.13	4.27	4.13	4.13	4.27
180.0	3.98	3.98	4.13	4.27	4.27	4.27	4.27	4.27	4.13
202.5	4.13	4.13	3.98	4.13	4.13	4.41	4.41	4.27	4.27
225.0	3.84	3.98	3.98	3.84	3.98	4.13	3.84	3.98	3.98
247.5	3.56	3.56	3.56	3.56	3.84	3.84	3.84	3.98	4.13
270.0	3.56	3.56	3.70	3.70	3.84	3.84	3.98	3.98	4.13
292.5	7.68	6.97	6.69	6.40	6.12	6.12	6.12	5.98	5.69
315.0	16.65	15.51	13.52	11.81	10.24	9.67	8.82	8.25	8.11
337.5	25.47	24.19	22.91	21.34	19.35	18.35	16.93	15.65	14.80
360.0	30.45	29.17	27.03	24.33	23.05	21.34	19.21	17.93	16.50

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93

MXL2003 44W

Intensity data(cd)

Appendix Page: 17 Total:17

C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	14.94	14.09	12.38	11.52	10.81	11.24	11.67	11.24	9.53
22.5	12.80	12.09	11.10	10.96	10.96	10.10	8.68	7.97	6.83
45.0	8.25	8.96	9.25	9.25	8.68	7.97	7.11	6.26	5.26
67.5	5.12	4.55	4.84	4.70	4.55	4.55	4.41	4.41	4.41
90.0	3.98	4.27	4.13	4.27	4.27	4.27	4.41	4.41	4.55
112.5	4.41	4.55	4.41	4.41	4.55	4.41	4.41	4.41	4.55
135.0	4.13	4.27	4.27	4.27	4.70	4.41	4.55	4.55	4.55
157.5	4.27	4.41	4.41	4.27	4.41	4.55	4.41	4.55	4.41
180.0	4.27	3.98	4.41	4.27	4.13	4.13	4.27	4.41	4.55
202.5	4.27	4.27	4.41	4.41	4.41	4.27	4.27	4.41	4.27
225.0	4.27	4.13	4.13	4.27	4.41	4.27	4.27	4.27	4.27
247.5	4.13	4.13	4.13	4.13	4.27	4.27	4.13	4.27	4.41
270.0	3.98	4.13	4.27	4.27	4.27	4.27	4.41	4.41	4.27
292.5	5.41	5.12	4.70	4.70	4.41	4.55	4.41	4.41	4.41
315.0	8.25	8.39	8.68	8.68	8.39	7.83	7.26	6.54	6.12
337.5	13.09	12.09	11.52	10.81	10.24	10.39	9.53	8.25	6.97
360.0	14.94	14.09	12.38	11.52	10.81	11.24	11.67	11.24	9.53
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	8.11	7.40	5.83	4.84	4.55	4.27	4.27	4.27	4.41
22.5	5.98	5.26	4.41	3.98	4.41	3.98	4.27	4.27	4.27
45.0	5.12	4.70	4.41	4.27	4.13	4.27	4.27	4.27	4.41
67.5	4.41	4.55	4.27	4.55	4.41	4.41	4.41	4.55	4.41
90.0	4.27	4.55	4.55	4.41	4.41	4.41	4.41	4.41	4.41
112.5	4.55	4.55	4.55	4.55	4.41	4.55	4.41	4.55	4.55
135.0	4.70	4.70	4.41	4.55	4.41	4.41	4.27	4.41	4.27
157.5	4.41	4.27	4.41	4.27	4.41	4.27	4.27	4.13	4.27
180.0	4.70	4.70	4.41	4.41	4.55	4.55	4.55	4.55	4.55
202.5	4.27	4.27	4.41	4.27	4.27	4.27	4.27	4.41	4.55
225.0	4.41	4.55	4.41	4.41	4.27	4.27	4.41	4.41	4.41
247.5	4.41	4.41	4.41	4.41	4.55	4.27	4.55	4.55	4.70
270.0	4.27	4.41	4.27	4.27	4.41	4.41	4.41	4.70	4.55
292.5	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41
315.0	5.55	4.70	4.70	4.55	4.13	4.13	4.13	4.13	4.13
337.5	6.12	5.55	4.70	4.41	4.27	4.27	4.27	4.13	4.27
360.0	8.11	7.40	5.83	4.84	4.55	4.27	4.27	4.27	4.41
C/γ(°)	180.0								
0.0	4.55								
22.5	4.13								
45.0	4.27								
67.5	4.55								
90.0	4.55								
112.5	4.41								
135.0	4.13								
157.5	4.13								
180.0	4.55								
202.5	4.13								
225.0	4.27								
247.5	4.55								
270.0	4.55								
292.5	4.41								
315.0	4.13								
337.5	4.13								
360.0	4.55								

Equipment: GMS-2000
Temperature(°C): 25.0

Date: 2019/8/29
Humidity(%): 50.0%

Operator:
Distance(m): 11.93