



Shenzhen Anbotek Compliance Laboratory Ltd

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Address:1/F., Bldg C, Gold Power Industrial Park, Julongshan Grand Industrial Zone, Pingshan New District, Shenzhen, China

LumCAT:

Luminaire: TY-BUS-30-DW (Type 3)

Report No:

Voltage(V): 220.0300

Test No:

Current(A): 0.1310

LampCAT:

Power (W): 27.0900

Lamp flux(lm)

PF: 0.9398

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3396.81

Lumens(lm)/Power(W): 125.39

Central intensity(cd): 764.100

Maximum intensity(cd): 1699.200

Angle of maximum intensity: $C=22.5$ $\gamma=63.0$

Beam Angle(50%Imax): [C0/180]Total=145.6

[C90/270]Total=104.4

Field angle(10%Imax): [C0/180]Total=158.0

[C90/270]Total=143.1

Maximum s/h(1/2): C0_180=1.84 C90_270=2.15

Maximum s/h(1/4): C0_180=2.09 C90_270=1.89

Up flux rate of LUM(%): 0.29%

Down flux rate of LUM(%): 99.71%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 78.128%

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Zonal flux distribution table

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$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
0.0	764.100	.000	.000	.000%	.000%	.000%
1.0	768.502	.733	.733	.022%	.022%	.022%
2.0	768.980	2.207	2.940	.065%	.087%	.087%
3.0	769.739	3.680	6.620	.108%	.195%	.195%
4.0	771.230	5.158	11.778	.152%	.347%	.347%
5.0	772.706	6.642	18.420	.196%	.542%	.542%
6.0	774.295	8.130	26.550	.239%	.782%	.782%
7.0	776.180	9.624	36.174	.283%	1.065%	1.065%
8.0	778.556	11.127	47.301	.328%	1.393%	1.393%
9.0	780.989	12.639	59.940	.372%	1.765%	1.765%
10.0	784.252	14.165	74.105	.417%	2.182%	2.182%
11.0	787.908	15.709	89.814	.462%	2.644%	2.644%
12.0	791.662	17.267	107.081	.508%	3.152%	3.152%
13.0	796.064	18.842	125.923	.555%	3.707%	3.707%
14.0	799.889	20.428	146.351	.601%	4.308%	4.308%
15.0	804.122	22.021	168.372	.648%	4.957%	4.957%
16.0	808.538	23.630	192.002	.696%	5.652%	5.652%
17.0	813.713	25.263	217.265	.744%	6.396%	6.396%
18.0	818.466	26.911	244.176	.792%	7.188%	7.188%
19.0	823.092	28.560	272.736	.841%	8.029%	8.029%
20.0	827.902	30.218	302.953	.890%	8.919%	8.919%
21.0	831.389	31.862	334.815	.938%	9.857%	9.857%
22.0	835.720	33.501	368.316	.986%	10.843%	10.843%
23.0	839.714	35.155	403.472	1.035%	11.878%	11.878%
24.0	843.469	36.800	440.272	1.083%	12.961%	12.961%
25.0	847.491	38.449	478.721	1.132%	14.093%	14.093%
26.0	852.244	40.122	518.843	1.181%	15.274%	15.274%
27.0	857.025	41.818	560.661	1.231%	16.506%	16.506%
28.0	862.073	43.524	604.185	1.281%	17.787%	17.787%
29.0	867.727	45.256	649.441	1.332%	19.119%	19.119%
30.0	873.534	47.014	696.455	1.384%	20.503%	20.503%
31.0	879.455	48.783	745.238	1.436%	21.939%	21.939%
32.0	885.937	50.576	795.814	1.489%	23.428%	23.428%
33.0	889.664	52.310	848.124	1.540%	24.968%	24.968%
34.0	891.352	53.899	902.023	1.587%	26.555%	26.555%
35.0	889.777	55.315	957.338	1.628%	28.183%	28.183%
36.0	886.627	56.561	1013.899	1.665%	29.849%	29.849%
37.0	885.923	57.811	1071.710	1.702%	31.551%	31.551%

Equipment:
Temperature($^{\circ}\text{C}$): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
38.0	885.516	59.128	1130.838	1.741%	33.291%	33.291%
39.0	887.006	60.501	1191.339	1.781%	35.072%	35.072%
40.0	888.272	61.915	1253.255	1.823%	36.895%	36.895%
41.0	889.481	63.305	1316.560	1.864%	38.759%	38.759%
42.0	890.128	64.656	1381.216	1.903%	40.662%	40.662%
43.0	890.550	65.962	1447.178	1.942%	42.604%	42.604%
44.0	889.242	67.174	1514.352	1.978%	44.582%	44.582%
45.0	887.977	68.301	1582.652	2.011%	46.592%	46.592%
46.0	887.288	69.427	1652.079	2.044%	48.636%	48.636%
47.0	883.378	70.424	1722.503	2.073%	50.709%	50.709%
48.0	880.172	71.292	1793.795	2.099%	52.808%	52.808%
49.0	874.364	72.051	1865.846	2.121%	54.929%	54.929%
50.0	867.206	72.612	1938.458	2.138%	57.067%	57.067%
51.0	860.245	73.086	2011.544	2.152%	59.219%	59.219%
52.0	850.148	73.394	2084.938	2.161%	61.379%	61.379%
53.0	838.195	73.443	2158.381	2.162%	63.541%	63.541%
54.0	823.050	73.221	2231.602	2.156%	65.697%	65.697%
55.0	808.059	72.810	2304.412	2.143%	67.841%	67.841%
56.0	790.833	72.249	2376.661	2.127%	69.967%	69.967%
57.0	769.514	71.343	2448.004	2.100%	72.068%	72.068%
58.0	746.016	70.083	2518.088	2.063%	74.131%	74.131%
59.0	723.234	68.688	2586.776	2.022%	76.153%	76.153%
60.0	696.670	67.081	2653.857	1.975%	78.128%	78.128%
61.0	669.431	65.193	2719.051	1.919%	80.047%	80.047%
62.0	639.239	63.059	2782.110	1.856%	81.904%	81.904%
63.0	607.725	60.646	2842.756	1.785%	83.689%	83.689%
64.0	574.242	57.999	2900.755	1.707%	85.396%	85.396%
65.0	541.491	55.217	2955.972	1.626%	87.022%	87.022%
66.0	504.239	52.175	3008.147	1.536%	88.558%	88.558%
67.0	465.511	48.762	3056.909	1.436%	89.994%	89.994%
68.0	424.083	45.064	3101.973	1.327%	91.320%	91.320%
69.0	385.200	41.286	3143.258	1.215%	92.536%	92.536%
70.0	341.859	37.340	3180.599	1.099%	93.635%	93.635%
71.0	301.613	33.258	3213.857	.979%	94.614%	94.614%
72.0	259.791	29.191	3243.048	.859%	95.473%	95.473%
73.0	221.414	25.164	3268.211	.741%	96.214%	96.214%
74.0	183.502	21.287	3289.499	.627%	96.841%	96.841%
75.0	152.902	17.774	3307.273	.523%	97.364%	97.364%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
76.0	122.991	14.645	3321.918	.431%	97.795%	97.795%
77.0	100.898	11.937	3333.855	.351%	98.147%	98.147%
78.0	81.942	9.788	3343.643	.288%	98.435%	98.435%
79.0	68.273	8.071	3351.714	.238%	98.672%	98.672%
80.0	56.995	6.754	3358.467	.199%	98.871%	98.871%
81.0	47.250	5.637	3364.105	.166%	99.037%	99.037%
82.0	39.741	4.717	3368.822	.139%	99.176%	99.176%
83.0	33.005	3.955	3372.777	.116%	99.293%	99.293%
84.0	29.194	3.388	3376.165	.100%	99.392%	99.392%
85.0	24.047	2.906	3379.071	.086%	99.478%	99.478%
86.0	19.350	2.372	3381.443	.070%	99.548%	99.548%
87.0	15.075	1.884	3383.327	.055%	99.603%	99.603%
88.0	11.672	1.465	3384.792	.043%	99.646%	99.646%
89.0	9.056	1.136	3385.928	.033%	99.680%	99.680%
90.0	7.172	.890	3386.818	.026%	99.706%	99.706%
91.0	6.328	.740	3387.558	.022%	99.728%	99.728%
92.0	5.709	.660	3388.218	.019%	99.747%	99.747%
93.0	5.119	.593	3388.811	.017%	99.765%	99.765%
94.0	4.050	.502	3389.313	.015%	99.779%	99.779%
95.0	3.347	.404	3389.717	.012%	99.791%	99.791%
96.0	2.644	.327	3390.044	.010%	99.801%	99.801%
97.0	2.250	.267	3390.311	.008%	99.809%	99.809%
98.0	1.941	.228	3390.539	.007%	99.815%	99.815%
99.0	1.688	.197	3390.735	.006%	99.821%	99.821%
100.0	1.463	.170	3390.906	.005%	99.826%	99.826%
101.0	1.322	.150	3391.056	.004%	99.831%	99.831%
102.0	1.238	.138	3391.193	.004%	99.835%	99.835%
103.0	1.125	.126	3391.320	.004%	99.838%	99.838%
104.0	1.069	.117	3391.437	.003%	99.842%	99.842%
105.0	1.013	.110	3391.547	.003%	99.845%	99.845%
106.0	.900	.101	3391.648	.003%	99.848%	99.848%
107.0	.900	.095	3391.743	.003%	99.851%	99.851%
108.0	.844	.091	3391.834	.003%	99.854%	99.854%
109.0	.844	.088	3391.922	.003%	99.856%	99.856%
110.0	.872	.089	3392.010	.003%	99.859%	99.859%
111.0	.858	.089	3392.099	.003%	99.861%	99.861%
112.0	.886	.089	3392.188	.003%	99.864%	99.864%
113.0	.858	.088	3392.277	.003%	99.867%	99.867%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
114.0	.942	.091	3392.367	.003%	99.869%	99.869%
115.0	.956	.095	3392.462	.003%	99.872%	99.872%
116.0	.914	.093	3392.554	.003%	99.875%	99.875%
117.0	.970	.092	3392.647	.003%	99.877%	99.877%
118.0	.984	.095	3392.742	.003%	99.880%	99.880%
119.0	.942	.093	3392.835	.003%	99.883%	99.883%
120.0	1.013	.093	3392.928	.003%	99.886%	99.886%
121.0	1.069	.098	3393.026	.003%	99.889%	99.889%
122.0	1.083	.101	3393.127	.003%	99.892%	99.892%
123.0	1.111	.101	3393.229	.003%	99.895%	99.895%
124.0	1.069	.100	3393.328	.003%	99.898%	99.898%
125.0	1.111	.098	3393.427	.003%	99.900%	99.900%
126.0	1.139	.100	3393.527	.003%	99.903%	99.903%
127.0	1.139	.100	3393.627	.003%	99.906%	99.906%
128.0	1.167	.100	3393.728	.003%	99.909%	99.909%
129.0	1.209	.102	3393.830	.003%	99.912%	99.912%
130.0	1.223	.103	3393.933	.003%	99.915%	99.915%
131.0	1.266	.104	3394.036	.003%	99.918%	99.918%
132.0	1.322	.106	3394.143	.003%	99.922%	99.922%
133.0	1.322	.107	3394.250	.003%	99.925%	99.925%
134.0	1.378	.107	3394.357	.003%	99.928%	99.928%
135.0	1.378	.108	3394.465	.003%	99.931%	99.931%
136.0	1.294	.103	3394.568	.003%	99.934%	99.934%
137.0	1.308	.098	3394.666	.003%	99.937%	99.937%
138.0	1.308	.097	3394.763	.003%	99.940%	99.940%
139.0	1.280	.094	3394.857	.003%	99.943%	99.943%
140.0	1.378	.095	3394.951	.003%	99.945%	99.945%
141.0	1.336	.095	3395.046	.003%	99.948%	99.948%
142.0	1.308	.090	3395.136	.003%	99.951%	99.951%
143.0	1.294	.087	3395.223	.003%	99.953%	99.953%
144.0	1.308	.085	3395.308	.002%	99.956%	99.956%
145.0	1.294	.083	3395.391	.002%	99.958%	99.958%
146.0	1.280	.080	3395.471	.002%	99.961%	99.961%
147.0	1.350	.080	3395.551	.002%	99.963%	99.963%
148.0	1.266	.077	3395.628	.002%	99.965%	99.965%
149.0	1.280	.073	3395.701	.002%	99.967%	99.967%
150.0	1.322	.072	3395.773	.002%	99.970%	99.970%
151.0	1.266	.070	3395.843	.002%	99.972%	99.972%

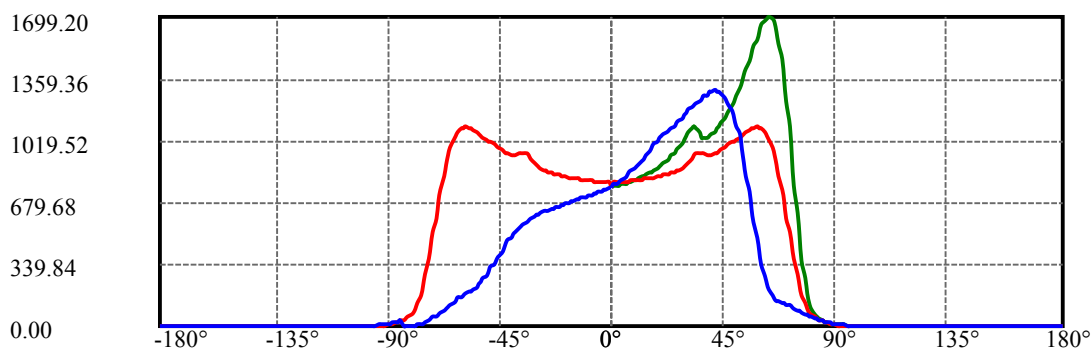
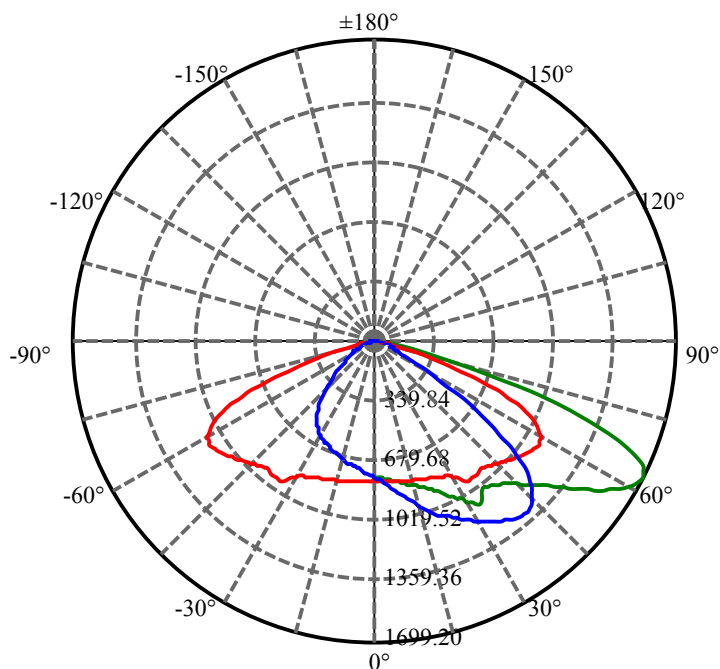
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)	Sum/Lum(%)
152.0	1.308	.067	3395.910	.002%	99.974%	99.974%
153.0	1.336	.067	3395.977	.002%	99.976%	99.976%
154.0	1.322	.065	3396.042	.002%	99.977%	99.977%
155.0	1.322	.062	3396.105	.002%	99.979%	99.979%
156.0	1.322	.060	3396.165	.002%	99.981%	99.981%
157.0	1.238	.056	3396.221	.002%	99.983%	99.983%
158.0	1.238	.052	3396.273	.002%	99.984%	99.984%
159.0	1.252	.050	3396.323	.001%	99.986%	99.986%
160.0	1.266	.048	3396.371	.001%	99.987%	99.987%
161.0	1.238	.046	3396.417	.001%	99.988%	99.988%
162.0	1.139	.041	3396.458	.001%	99.990%	99.990%
163.0	1.223	.039	3396.497	.001%	99.991%	99.991%
164.0	1.153	.037	3396.534	.001%	99.992%	99.992%
165.0	1.167	.034	3396.568	.001%	99.993%	99.993%
166.0	1.153	.032	3396.600	.001%	99.994%	99.994%
167.0	1.181	.030	3396.630	.001%	99.995%	99.995%
168.0	1.125	.027	3396.657	.001%	99.996%	99.996%
169.0	1.111	.024	3396.682	.001%	99.996%	99.996%
170.0	1.097	.022	3396.704	.001%	99.997%	99.997%
171.0	1.083	.020	3396.723	.001%	99.997%	99.997%
172.0	1.083	.018	3396.741	.001%	99.998%	99.998%
173.0	1.069	.015	3396.756	.000%	99.998%	99.998%
174.0	1.055	.013	3396.770	.000%	99.999%	99.999%
175.0	1.139	.012	3396.781	.000%	99.999%	99.999%
176.0	1.069	.009	3396.791	.000%	99.999%	99.999%
177.0	1.097	.007	3396.798	.000%	100.000%	100.000%
178.0	1.097	.005	3396.803	.000%	100.000%	100.000%
179.0	1.097	.003	3396.806	.000%	100.000%	100.000%
180.0	1.125	.001	3396.807	.000%	100.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	696.45	20.50%
0-40	1253.26	36.90%
0-60	2653.86	78.13%
0-90	3386.82	99.71%
0-120	3392.93	99.89%
0-180	3396.81	100.00%
60-90	800.04	23.55%
90-120	7.00	0.21%
90-130	8.00	0.24%
90-150	9.84	0.29%
90-180	10.88	0.32%
0-60.98	2717.45	80.00%

ZONAL LUMEN SUMMARY

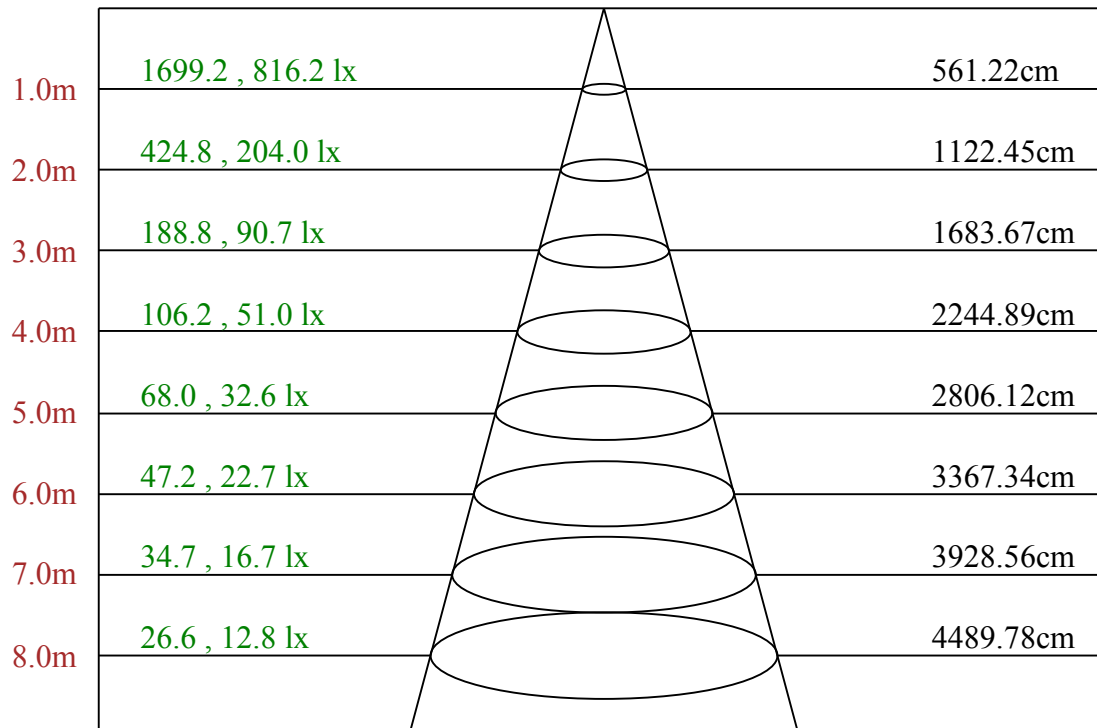
0-10	74.10
10-20	228.85
20-30	393.50
30-40	556.80
40-50	685.20
50-60	715.40
60-70	526.74
70-80	177.87
80-90	28.35
90-100	4.09
100-110	1.10
110-120	0.92
120-130	1.00
130-140	1.02
140-150	0.82
150-160	0.60
160-170	0.33
170-180	0.10



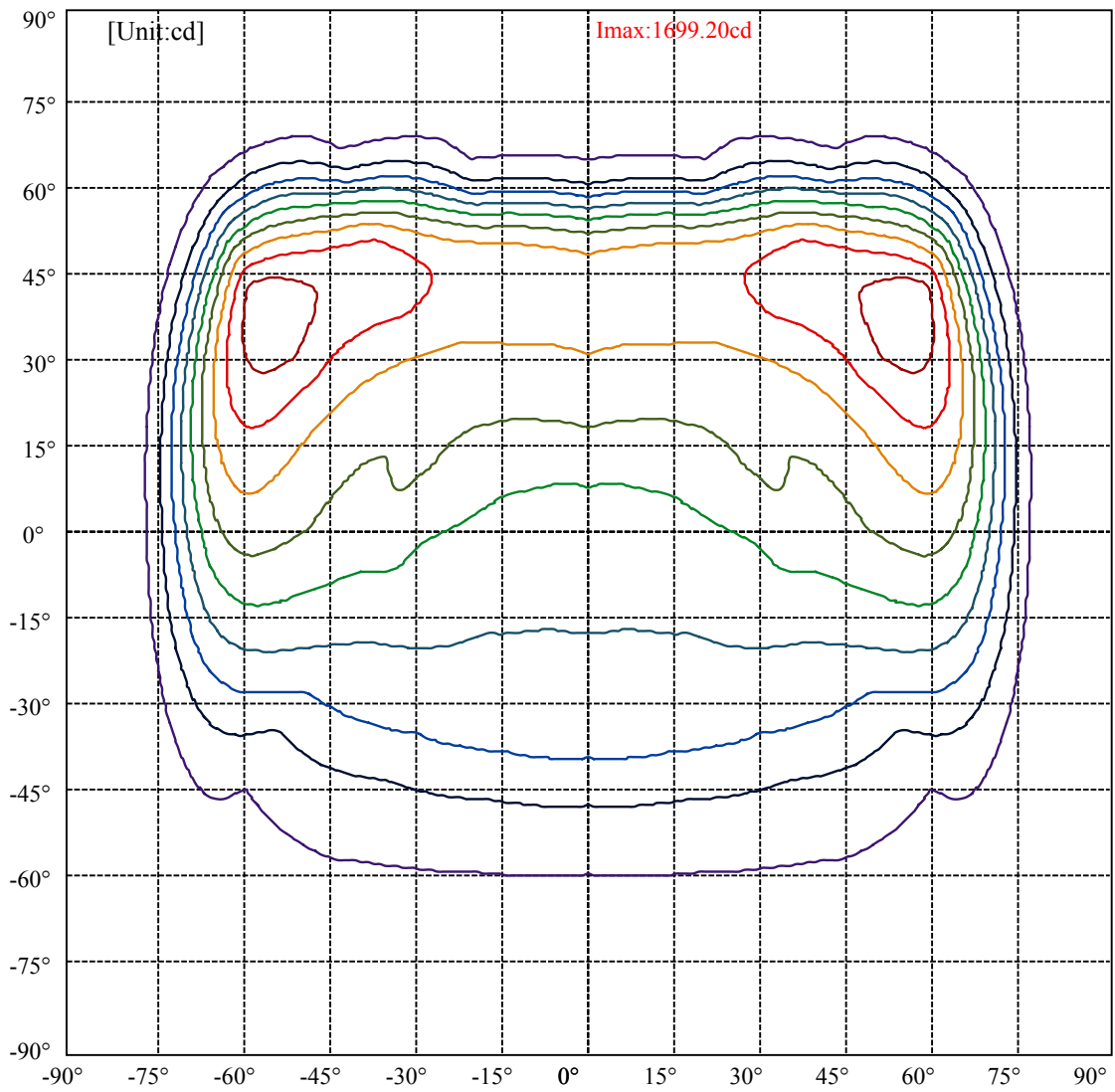
C22.5(Max): —
 C0/C180: —
 C90/C270: —

Field angle(10%Imax):C0/180Left:79.0 Right:79.0
 :C90/270Left:67.6 Right:75.5

Beam Angle(50%Imax):C0/180Left:72.8 Right:72.8
 :C90/270Left:45.0 Right:59.4



Max , Ave Beam angle of C22.5plane134.68

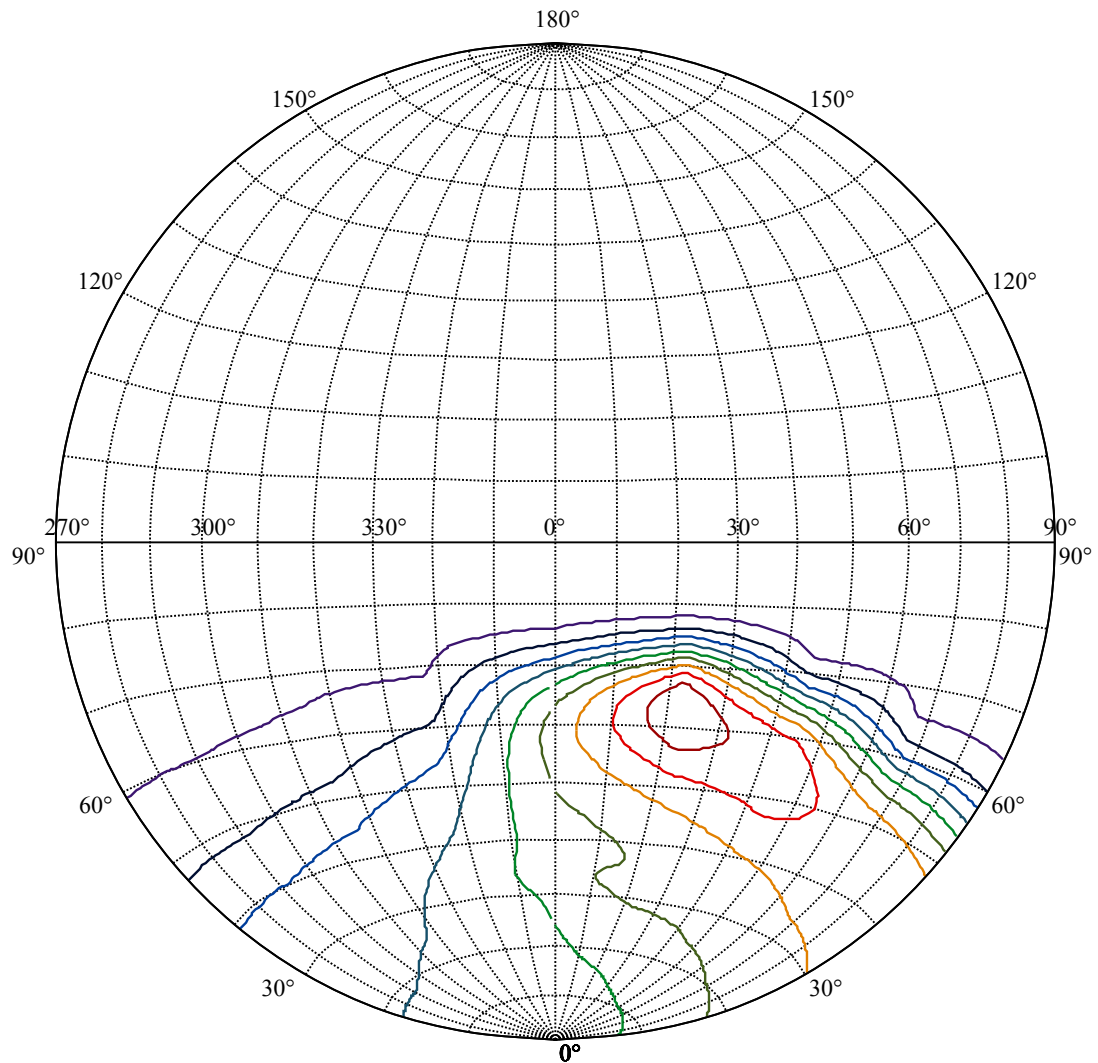


(10%Imax) 169.12	—
(20%Imax) 338.24	—
(30%Imax) 507.361	—
(40%Imax) 676.481	—
(50%Imax) 845.601	—
(60%Imax) 1014.72	—
(70%Imax) 1183.84	—
(80%Imax) 1352.96	—
(90%Imax) 1522.08	—

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38



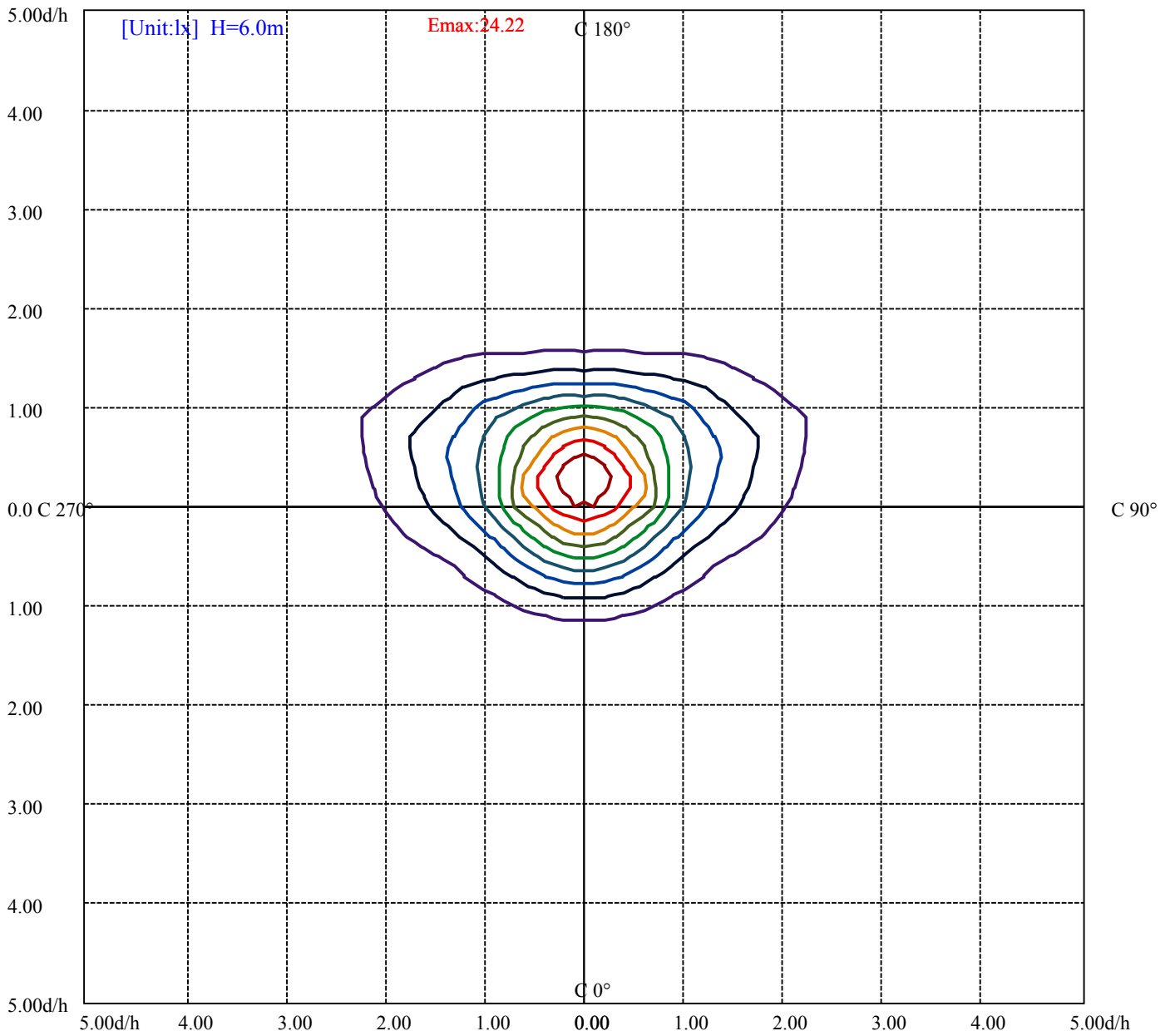
House

[Unit:cd]

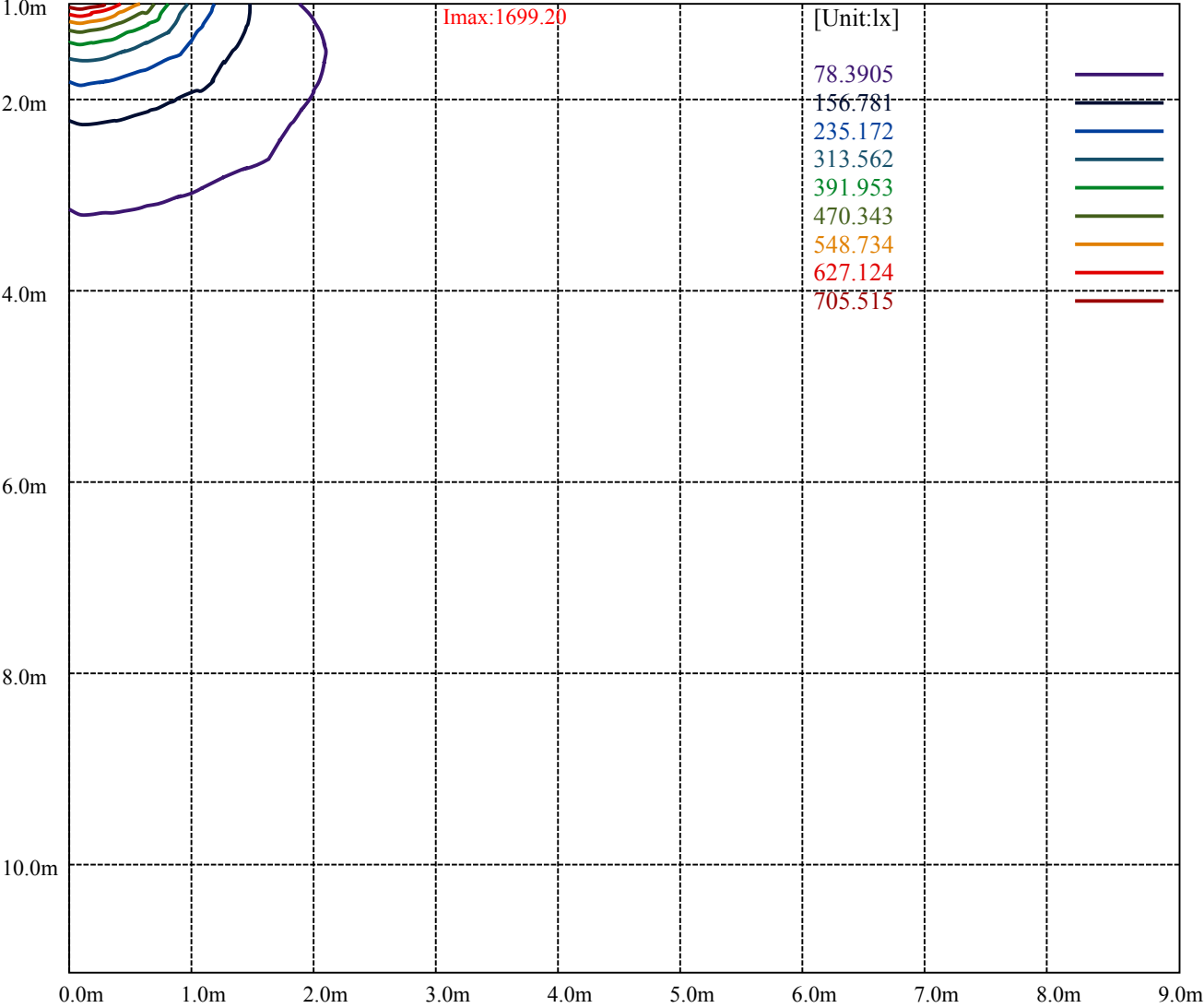
Road

Imax:1699.20

(10%Imax) 168.543	—
(20%Imax) 337.086	—
(30%Imax) 505.629	—
(40%Imax) 674.172	—
(50%Imax) 842.715	—
(60%Imax) 1011.26	—
(70%Imax) 1179.8	—
(80%Imax) 1348.34	—
(90%Imax) 1516.89	—



- (10%Emax) 2.421928 ———
- (20%Emax) 4.843861 ———
- (30%Emax) 7.265778 ———
- (40%Emax) 9.687722 ———
- (50%Emax) 12.10964 ———
- (60%Emax) 14.53156 ———
- (70%Emax) 16.9535 ———
- (80%Emax) 19.37542 ———
- (90%Emax) 21.79733 ———



Luminance Table

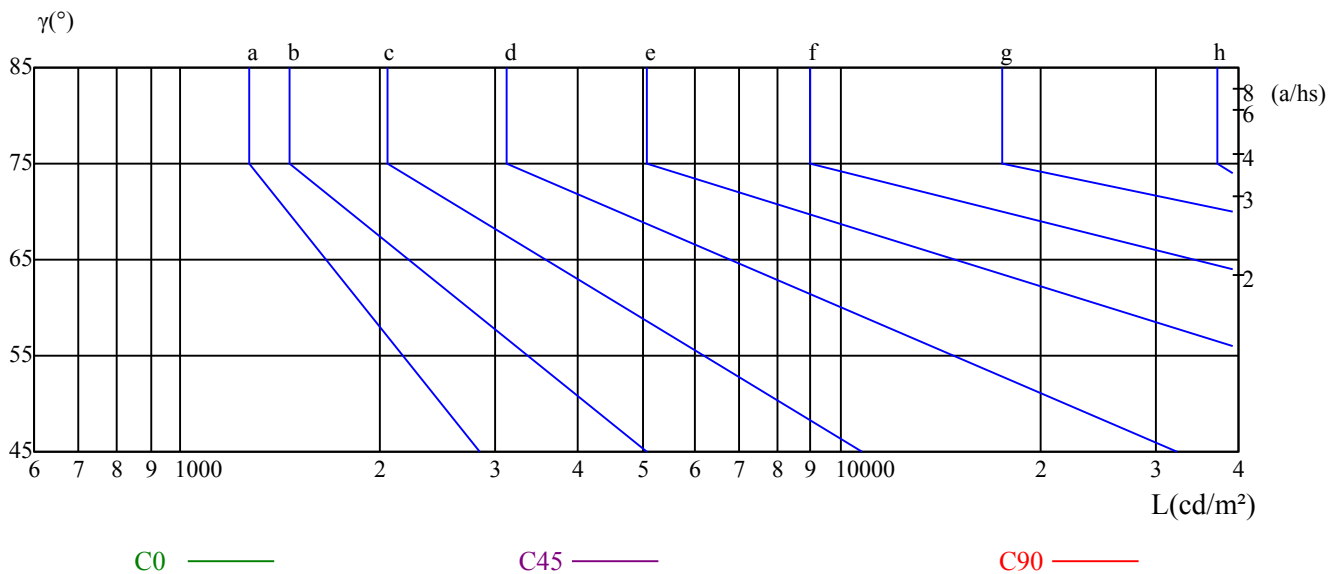
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

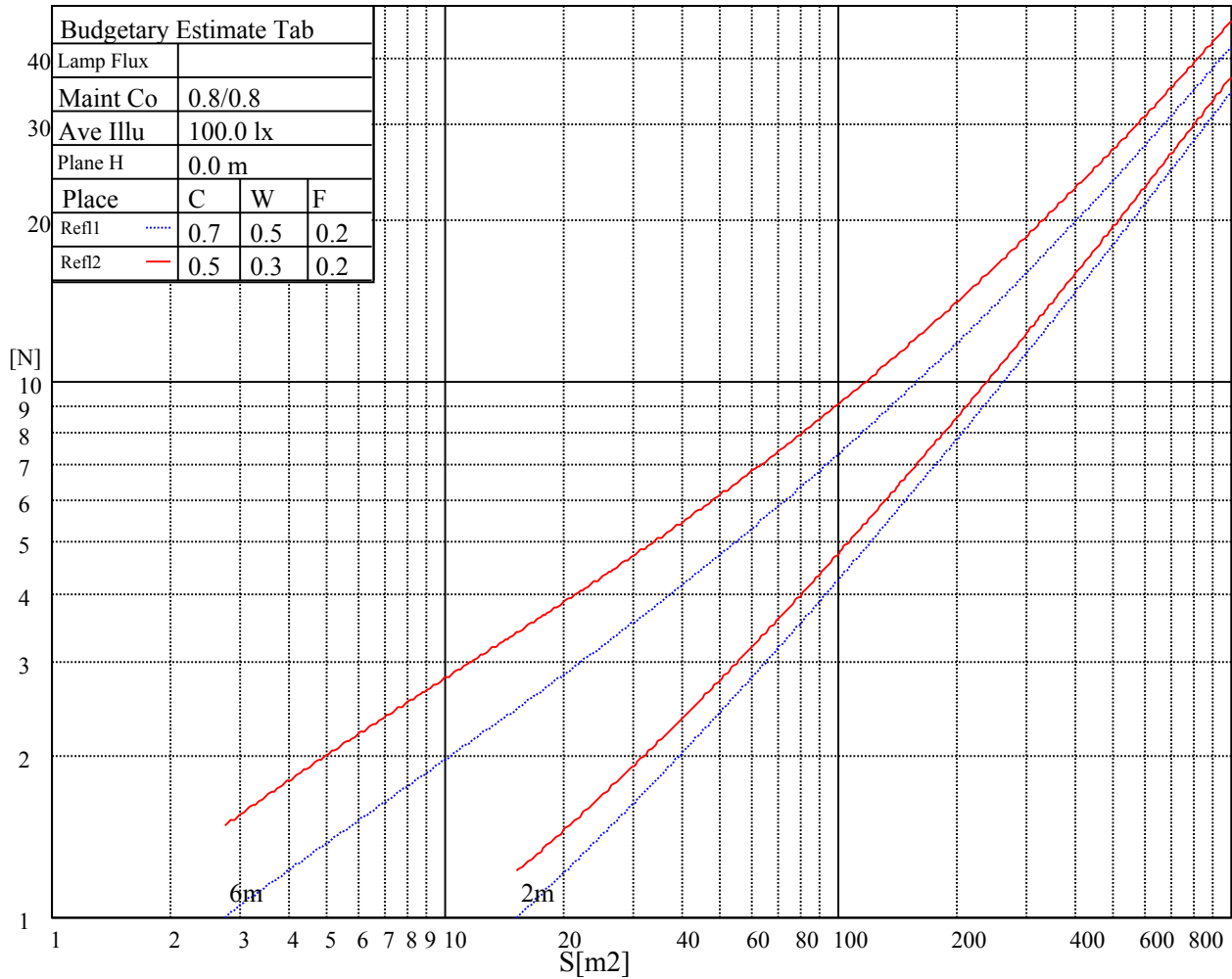
L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

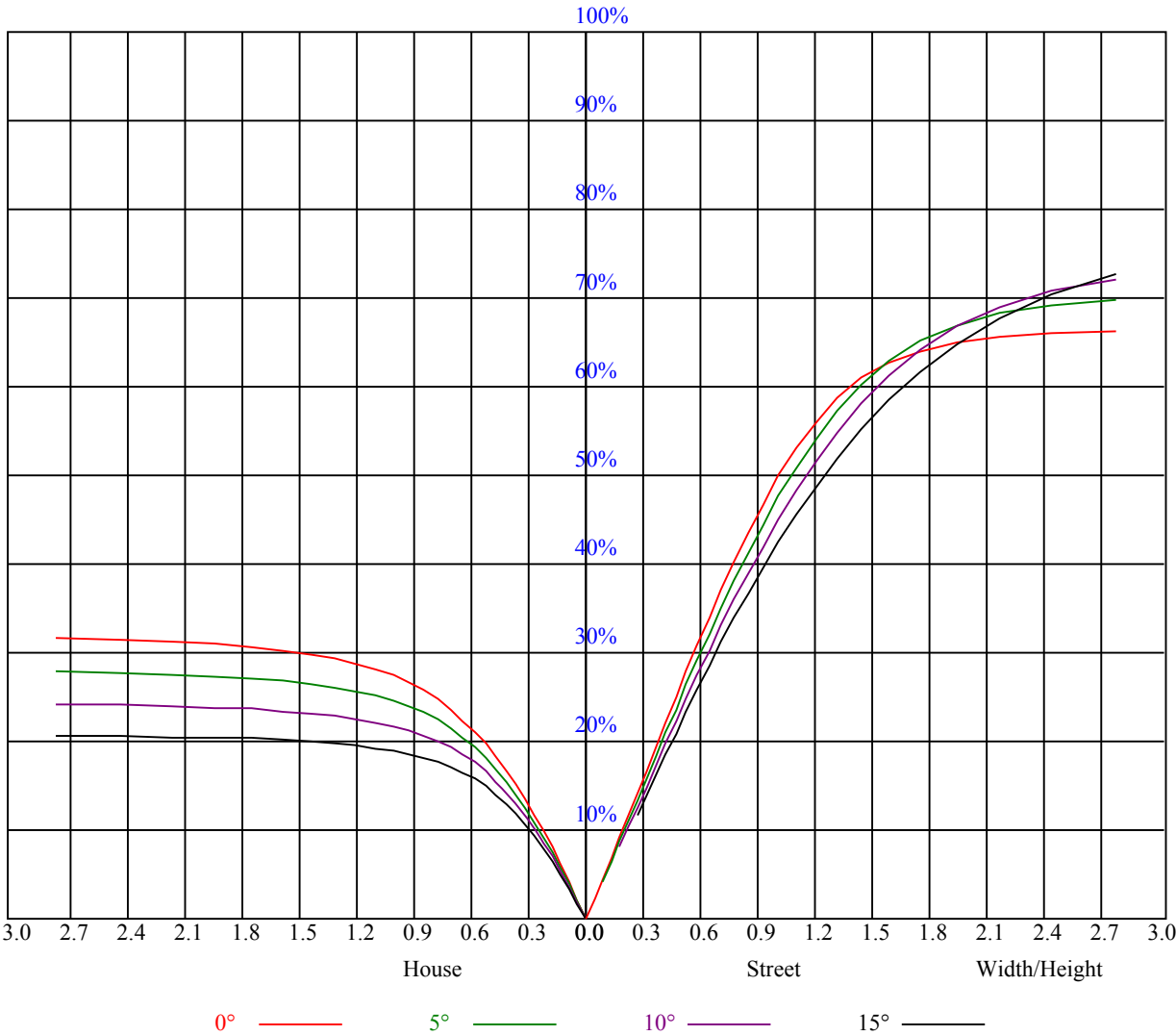
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve





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	COEFFICIENTS OF UTILIZATION RHOF=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.04	1.00	0.96	1.02	0.98	0.94	0.97	0.94	0.91	0.93	0.91	0.88	0.90	0.88	0.86	0.83
2	0.90	0.83	0.77	0.88	0.81	0.76	0.84	0.79	0.74	0.81	0.76	0.72	0.78	0.74	0.71	0.68
3	0.78	0.69	0.63	0.76	0.68	0.62	0.73	0.66	0.61	0.70	0.65	0.60	0.68	0.63	0.59	0.56
4	0.68	0.59	0.52	0.67	0.58	0.51	0.64	0.57	0.51	0.62	0.55	0.50	0.59	0.54	0.49	0.47
5	0.60	0.51	0.44	0.59	0.50	0.43	0.57	0.49	0.43	0.55	0.48	0.42	0.53	0.47	0.42	0.40
6	0.53	0.44	0.37	0.52	0.44	0.37	0.51	0.43	0.37	0.49	0.42	0.36	0.47	0.41	0.36	0.34
7	0.48	0.39	0.32	0.47	0.38	0.32	0.45	0.38	0.32	0.44	0.37	0.32	0.42	0.36	0.31	0.29
8	0.43	0.34	0.28	0.43	0.34	0.28	0.41	0.33	0.28	0.40	0.33	0.28	0.39	0.32	0.27	0.25
9	0.39	0.31	0.25	0.39	0.31	0.25	0.38	0.30	0.25	0.36	0.30	0.25	0.35	0.29	0.24	0.22
10	0.36	0.28	0.22	0.36	0.28	0.22	0.34	0.27	0.22	0.33	0.27	0.22	0.33	0.26	0.22	0.20



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	764.10	793.13	793.13	794.25	794.48	795.38	795.83	796.05	797.63
22.5	764.10	766.13	769.95	773.55	778.05	780.98	785.48	791.55	795.60
45.0	764.10	769.28	776.70	782.33	788.63	796.73	803.48	811.80	819.23
67.5	764.10	771.30	778.73	786.15	795.60	805.05	813.83	823.50	835.43
90.0	764.10	777.15	785.03	793.80	805.28	816.98	826.65	839.93	851.40
112.5	764.10	771.30	778.73	786.15	795.60	805.05	813.83	823.50	835.43
135.0	764.10	769.28	776.70	782.33	788.63	796.73	803.48	811.80	819.23
157.5	764.10	766.13	769.95	773.55	778.05	780.98	785.48	791.55	795.60
180.0	764.10	793.13	793.13	794.25	794.48	795.38	795.83	796.05	797.63
202.5	764.10	761.63	758.70	756.45	754.43	751.95	750.83	749.25	747.45
225.0	764.10	759.60	754.88	749.70	745.65	741.83	738.23	733.28	730.13
247.5	764.10	756.90	750.15	744.30	738.68	733.28	728.10	721.58	717.30
270.0	764.10	762.98	754.20	748.58	743.40	735.98	730.58	724.95	720.00
292.5	764.10	756.90	750.15	744.30	738.68	733.28	728.10	721.58	717.30
315.0	764.10	759.60	754.88	749.70	745.65	741.83	738.23	733.28	730.13
337.5	764.10	761.63	758.70	756.45	754.43	751.95	750.83	749.25	747.45
360.0	764.10	793.13	793.13	794.25	794.48	795.38	795.83	796.05	797.63
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	798.53	800.55	803.03	805.05	807.53	810.00	812.48	814.50	816.53
22.5	800.33	806.40	813.83	820.13	827.55	834.08	840.15	848.03	856.35
45.0	828.45	837.45	847.35	856.80	868.28	878.40	889.20	900.67	913.73
67.5	846.00	857.03	868.73	883.13	898.43	911.48	926.33	942.53	962.33
90.0	862.65	876.60	890.78	904.73	920.03	937.80	958.95	976.95	998.78
112.5	846.00	857.03	868.73	883.13	898.43	911.48	926.33	942.53	962.33
135.0	828.45	837.45	847.35	856.80	868.28	878.40	889.20	900.67	913.73
157.5	800.33	806.40	813.83	820.13	827.55	834.08	840.15	848.03	856.35
180.0	798.53	800.55	803.03	805.05	807.53	810.00	812.48	814.50	816.53
202.5	745.88	744.53	743.63	742.95	742.73	742.28	741.15	740.48	739.13
225.0	726.53	723.83	720.45	717.75	715.05	711.45	708.53	705.83	702.00
247.5	713.03	709.88	706.73	702.68	699.30	695.25	690.98	686.25	681.08
270.0	715.73	712.13	708.30	704.93	699.30	694.58	689.40	683.10	678.38
292.5	713.03	709.88	706.73	702.68	699.30	695.25	690.98	686.25	681.08
315.0	726.53	723.83	720.45	717.75	715.05	711.45	708.53	705.83	702.00
337.5	745.88	744.53	743.63	742.95	742.73	742.28	741.15	740.48	739.13
360.0	798.53	800.55	803.03	805.05	807.53	810.00	812.48	814.50	816.53
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	820.58	823.28	826.65	829.35	834.30	837.90	842.18	846.90	852.53
22.5	864.23	874.13	884.03	895.73	907.43	922.05	935.33	949.73	969.75
45.0	926.78	940.50	957.60	969.53	984.15	994.73	1004.18	1013.40	1021.28
67.5	978.30	994.28	1008.00	1018.58	1027.13	1036.58	1046.25	1056.60	1067.18
90.0	1016.78	1031.63	1044.90	1054.13	1066.50	1074.83	1089.00	1101.38	1115.10
112.5	978.30	994.28	1008.00	1018.58	1027.13	1036.58	1046.25	1056.60	1067.18
135.0	926.78	940.50	957.60	969.53	984.15	994.73	1004.18	1013.40	1021.28
157.5	864.23	874.13	884.03	895.73	907.43	922.05	935.33	949.73	969.75
180.0	820.58	823.28	826.65	829.35	834.30	837.90	842.18	846.90	852.53
202.5	738.00	736.65	735.75	733.50	731.93	730.80	728.55	727.43	726.30
225.0	698.85	695.25	691.43	688.05	684.45	680.85	676.35	672.30	668.03
247.5	676.13	671.40	666.00	660.83	656.33	653.18	648.90	644.40	639.00
270.0	672.98	666.90	662.63	657.00	653.63	648.45	643.05	636.98	632.70
292.5	676.13	671.40	666.00	660.83	656.33	653.18	648.90	644.40	639.00
315.0	698.85	695.25	691.43	688.05	684.45	680.85	676.35	672.30	668.03
337.5	738.00	736.65	735.75	733.50	731.93	730.80	728.55	727.43	726.30
360.0	820.58	823.28	826.65	829.35	834.30	837.90	842.18	846.90	852.53

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 19 Total:24

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	858.15	864.00	872.10	883.80	899.10	922.73	938.93	947.70	949.05
22.5	985.05	1001.70	1020.60	1044.00	1065.15	1084.50	1094.18	1086.53	1062.45
45.0	1030.50	1040.85	1050.30	1055.70	1062.00	1068.75	1076.63	1087.65	1099.58
67.5	1079.78	1093.05	1106.78	1121.63	1135.35	1150.43	1164.15	1180.58	1194.75
90.0	1128.38	1142.33	1159.20	1174.05	1188.23	1201.50	1213.88	1227.15	1238.85
112.5	1079.78	1093.05	1106.78	1121.63	1135.35	1150.43	1164.15	1180.58	1194.75
135.0	1030.50	1040.85	1050.30	1055.70	1062.00	1068.75	1076.63	1087.65	1099.58
157.5	985.05	1001.70	1020.60	1044.00	1065.15	1084.50	1094.18	1086.53	1062.45
180.0	858.15	864.00	872.10	883.80	899.10	922.73	938.93	947.70	949.05
202.5	725.18	724.73	723.60	722.70	721.35	719.55	717.30	715.05	712.80
225.0	665.10	661.50	658.58	654.08	649.58	644.63	636.98	630.68	624.38
247.5	634.28	628.43	622.80	615.38	608.40	599.63	591.08	582.75	573.75
270.0	627.98	622.35	614.93	607.95	601.20	593.10	582.30	572.63	564.08
292.5	634.28	628.43	622.80	615.38	608.40	599.63	591.08	582.75	573.75
315.0	665.10	661.50	658.58	654.08	649.58	644.63	636.98	630.68	624.38
337.5	725.18	724.73	723.60	722.70	721.35	719.55	717.30	715.05	712.80
360.0	858.15	864.00	872.10	883.80	899.10	922.73	938.93	947.70	949.05
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	947.70	945.23	941.85	938.93	939.38	945.23	951.53	960.30	967.95
22.5	1039.05	1033.20	1037.25	1045.58	1057.05	1069.20	1083.83	1100.70	1116.68
45.0	1110.60	1126.80	1139.63	1158.53	1176.98	1199.25	1221.30	1245.15	1269.45
67.5	1209.38	1224.23	1237.50	1255.05	1270.13	1282.95	1293.30	1304.10	1310.18
90.0	1249.43	1262.48	1270.58	1282.73	1289.70	1293.98	1291.95	1285.20	1274.40
112.5	1209.38	1224.23	1237.50	1255.05	1270.13	1282.95	1293.30	1304.10	1310.18
135.0	1110.60	1126.80	1139.63	1158.53	1176.98	1199.25	1221.30	1245.15	1269.45
157.5	1039.05	1033.20	1037.25	1045.58	1057.05	1069.20	1083.83	1100.70	1116.68
180.0	947.70	945.23	941.85	938.93	939.38	945.23	951.53	960.30	967.95
202.5	708.30	703.80	699.08	694.35	688.28	683.10	676.35	667.13	657.45
225.0	614.03	605.48	596.03	585.23	574.88	560.93	546.75	532.35	516.83
247.5	562.95	549.45	536.85	523.80	509.63	492.08	474.53	458.78	437.85
270.0	552.60	535.95	521.33	506.48	490.05	472.28	454.95	426.60	400.73
292.5	562.95	549.45	536.85	523.80	509.63	492.08	474.53	458.78	437.85
315.0	614.03	605.48	596.03	585.23	574.88	560.93	546.75	532.35	516.83
337.5	708.30	703.80	699.08	694.35	688.28	683.10	676.35	667.13	657.45
360.0	947.70	945.23	941.85	938.93	939.38	945.23	951.53	960.30	967.95
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	977.18	988.20	997.43	1008.00	1016.78	1025.33	1035.00	1046.93	1058.18
22.5	1137.38	1162.58	1183.95	1211.40	1239.08	1268.78	1305.45	1343.25	1378.80
45.0	1296.45	1323.45	1346.18	1373.40	1393.20	1416.83	1437.30	1456.88	1469.03
67.5	1314.23	1313.55	1308.38	1298.70	1279.80	1254.83	1222.65	1182.15	1125.23
90.0	1259.10	1238.40	1213.43	1178.10	1142.10	1098.23	1050.75	969.98	899.10
112.5	1314.23	1313.55	1308.38	1298.70	1279.80	1254.83	1222.65	1182.15	1125.23
135.0	1296.45	1323.45	1346.18	1373.40	1393.20	1416.83	1437.30	1456.88	1469.03
157.5	1137.38	1162.58	1183.95	1211.40	1239.08	1268.78	1305.45	1343.25	1378.80
180.0	977.18	988.20	997.43	1008.00	1016.78	1025.33	1035.00	1046.93	1058.18
202.5	648.00	637.65	623.93	609.98	596.03	580.50	564.08	544.28	526.28
225.0	493.88	483.98	462.60	443.93	422.78	399.60	376.20	353.93	333.90
247.5	415.80	389.25	366.98	345.38	326.93	303.98	285.08	266.40	250.43
270.0	382.73	360.90	341.78	323.10	298.58	277.43	261.68	244.80	228.38
292.5	415.80	389.25	366.98	345.38	326.93	303.98	285.08	266.40	250.43
315.0	493.88	483.98	462.60	443.93	422.78	399.60	376.20	353.93	333.90
337.5	648.00	637.65	623.93	609.98	596.03	580.50	564.08	544.28	526.28
360.0	977.18	988.20	997.43	1008.00	1016.78	1025.33	1035.00	1046.93	1058.18

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 20 Total:24

C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	1068.30	1077.30	1084.50	1092.15	1093.73	1090.13	1083.83	1068.75	1047.83
22.5	1415.93	1460.25	1503.45	1541.03	1574.78	1615.28	1653.30	1675.80	1692.68
45.0	1477.35	1479.83	1469.48	1453.73	1426.73	1387.58	1328.40	1261.80	1183.50
67.5	1056.83	985.28	912.60	813.15	713.25	622.58	526.05	441.23	357.75
90.0	823.28	741.38	646.88	565.20	486.45	412.65	334.13	277.20	230.18
112.5	1056.83	985.28	912.60	813.15	713.25	622.58	526.05	441.23	357.75
135.0	1477.35	1479.83	1469.48	1453.73	1426.73	1387.58	1328.40	1261.80	1183.50
157.5	1415.93	1460.25	1503.45	1541.03	1574.78	1615.28	1653.30	1675.80	1692.68
180.0	1068.30	1077.30	1084.50	1092.15	1093.73	1090.13	1083.83	1068.75	1047.83
202.5	505.80	482.63	457.65	431.78	407.03	376.43	349.65	324.90	298.35
225.0	308.93	288.23	270.45	251.10	233.78	222.98	210.83	200.48	189.45
247.5	233.55	218.93	208.13	197.78	188.10	180.00	172.80	166.95	158.85
270.0	212.18	202.73	193.95	185.63	175.05	169.20	162.90	153.90	140.85
292.5	233.55	218.93	208.13	197.78	188.10	180.00	172.80	166.95	158.85
315.0	308.93	288.23	270.45	251.10	233.78	222.98	210.83	200.48	189.45
337.5	505.80	482.63	457.65	431.78	407.03	376.43	349.65	324.90	298.35
360.0	1068.30	1077.30	1084.50	1092.15	1093.73	1090.13	1083.83	1068.75	1047.83
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	1021.73	985.73	942.53	884.25	820.58	754.20	683.55	594.45	516.60
22.5	1699.20	1688.63	1667.03	1618.20	1554.98	1469.03	1353.83	1232.10	1095.98
45.0	1079.55	967.05	856.80	744.30	623.70	492.75	407.93	313.20	241.65
67.5	293.18	238.05	198.00	166.73	146.70	134.10	127.80	122.63	119.25
90.0	195.53	170.10	152.78	138.60	132.30	129.83	126.90	118.58	111.38
112.5	293.18	238.05	198.00	166.73	146.70	134.10	127.80	122.63	119.25
135.0	1079.55	967.05	856.80	744.30	623.70	492.75	407.93	313.20	241.65
157.5	1699.20	1688.63	1667.03	1618.20	1554.98	1469.03	1353.83	1232.10	1095.98
180.0	1021.73	985.73	942.53	884.25	820.58	754.20	683.55	594.45	516.60
202.5	273.15	251.33	229.73	210.83	190.13	175.05	160.88	149.40	138.60
225.0	182.48	175.73	169.88	163.80	158.63	153.45	148.28	141.53	134.78
247.5	150.30	144.00	138.38	129.38	121.50	113.40	104.18	94.50	86.40
270.0	128.93	116.78	106.43	94.28	83.48	71.55	63.45	55.58	47.93
292.5	150.30	144.00	138.38	129.38	121.50	113.40	104.18	94.50	86.40
315.0	182.48	175.73	169.88	163.80	158.63	153.45	148.28	141.53	134.78
337.5	273.15	251.33	229.73	210.83	190.13	175.05	160.88	149.40	138.60
360.0	1021.73	985.73	942.53	884.25	820.58	754.20	683.55	594.45	516.60
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	441.23	367.20	281.03	218.03	168.08	128.93	94.95	76.27	61.88
22.5	925.20	774.00	622.35	497.03	355.05	259.43	181.80	129.60	93.38
45.0	189.00	144.68	118.35	100.80	87.98	79.20	72.00	65.03	56.70
67.5	116.10	111.83	103.50	95.63	87.75	79.65	71.10	62.55	55.35
90.0	103.50	95.18	88.65	79.43	73.58	67.73	61.43	55.13	49.50
112.5	116.10	111.83	103.50	95.63	87.75	79.65	71.10	62.55	55.35
135.0	189.00	144.68	118.35	100.80	87.98	79.20	72.00	65.03	56.70
157.5	925.20	774.00	622.35	497.03	355.05	259.43	181.80	129.60	93.38
180.0	441.23	367.20	281.03	218.03	168.08	128.93	94.95	76.27	61.88
202.5	130.05	121.73	114.30	106.20	99.45	92.70	86.40	79.20	71.55
225.0	127.80	120.60	111.60	104.18	97.20	89.33	79.88	72.45	64.80
247.5	77.63	68.85	61.20	54.00	46.58	40.73	36.23	31.73	26.55
270.0	39.15	29.70	22.73	15.30	10.13	6.75	4.95	3.60	2.03
292.5	77.63	68.85	61.20	54.00	46.58	40.73	36.23	31.73	26.55
315.0	127.80	120.60	111.60	104.18	97.20	89.33	79.88	72.45	64.80
337.5	130.05	121.73	114.30	106.20	99.45	92.70	86.40	79.20	71.55
360.0	441.23	367.20	281.03	218.03	168.08	128.93	94.95	76.27	61.88

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 21 Total:24

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	50.63	41.18	33.53	28.35	22.73	18.00	13.50	9.90	7.20
22.5	65.25	49.73	37.13	29.48	22.95	18.00	14.18	11.25	9.23
45.0	49.95	43.20	37.80	30.60	25.65	21.38	17.78	13.95	11.25
67.5	48.38	42.53	37.35	31.05	26.33	22.28	17.55	14.18	11.48
90.0	45.00	40.50	34.65	30.38	25.65	20.93	16.65	12.60	10.35
112.5	48.38	42.53	37.35	31.05	26.33	22.28	17.55	14.18	11.48
135.0	49.95	43.20	37.80	30.60	25.65	21.38	17.78	13.95	11.25
157.5	65.25	49.73	37.13	29.48	22.95	18.00	14.18	11.25	9.23
180.0	50.63	41.18	33.53	28.35	22.73	18.00	13.50	9.90	7.20
202.5	61.20	53.10	45.23	38.03	31.50	24.08	17.55	13.73	10.35
225.0	57.15	48.38	39.83	32.63	27.00	22.05	17.10	13.05	9.45
247.5	22.50	19.35	15.75	13.05	10.58	8.10	6.30	4.73	3.15
270.0	0.90	0.45	0.23	30.38	25.65	20.93	16.65	12.60	10.35
292.5	22.50	19.35	15.75	13.05	10.58	8.10	6.30	4.73	3.15
315.0	57.15	48.38	39.83	32.63	27.00	22.05	17.10	13.05	9.45
337.5	61.20	53.10	45.23	38.03	31.50	24.08	17.55	13.73	10.35
360.0	50.63	41.18	33.53	28.35	22.73	18.00	13.50	9.90	7.20
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	4.95	4.50	3.60	3.15	2.70	2.48	2.03	1.80	1.80
22.5	7.65	6.75	6.08	5.40	4.73	4.28	3.83	3.38	3.15
45.0	9.90	8.78	8.10	7.20	6.08	5.18	4.73	4.05	3.60
67.5	9.90	9.23	8.55	7.88	5.63	4.05	3.15	2.48	1.80
90.0	9.23	8.55	8.33	7.65	4.95	1.58	0.23	0.00	0.00
112.5	9.90	9.23	8.55	7.88	5.63	4.05	3.15	2.48	1.80
135.0	9.90	8.78	8.10	7.20	6.08	5.18	4.73	4.05	3.60
157.5	7.65	6.75	6.08	5.40	4.73	4.28	3.83	3.38	3.15
180.0	4.95	4.50	3.60	3.15	2.70	2.48	2.03	1.80	1.80
202.5	7.43	6.30	5.40	4.50	4.05	3.60	2.93	2.93	2.48
225.0	6.30	5.18	4.50	4.28	3.38	2.70	2.25	1.80	1.58
247.5	2.03	1.35	1.13	0.90	0.90	2.93	2.03	1.58	1.13
270.0	9.23	8.55	8.33	7.65	4.95	1.58	0.23	0.00	0.00
292.5	2.03	1.35	1.13	0.90	0.90	2.93	2.03	1.58	1.13
315.0	6.30	5.18	4.50	4.28	3.38	2.70	2.25	1.80	1.58
337.5	7.43	6.30	5.40	4.50	4.05	3.60	2.93	2.93	2.48
360.0	4.95	4.50	3.60	3.15	2.70	2.48	2.03	1.80	1.80
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.80
22.5	2.93	2.70	2.25	2.25	2.03	2.03	1.80	1.58	1.58
45.0	3.15	2.70	2.48	2.25	1.80	1.58	1.35	0.90	0.90
67.5	1.35	0.90	0.68	0.45	0.23	0.23	0.23	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	1.35	0.90	0.68	0.45	0.23	0.23	0.23	0.00	0.00
135.0	3.15	2.70	2.48	2.25	1.80	1.58	1.35	0.90	0.90
157.5	2.93	2.70	2.25	2.25	2.03	2.03	1.80	1.58	1.58
180.0	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.80
202.5	2.25	2.03	2.03	2.03	2.03	1.80	1.80	1.80	1.58
225.0	1.58	1.35	1.13	1.13	1.13	1.13	1.13	1.13	1.13
247.5	0.68	0.45	0.45	0.23	0.23	0.23	0.23	0.23	0.23
270.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
292.5	0.68	0.45	0.45	0.23	0.23	0.23	0.23	0.23	0.23
315.0	1.58	1.35	1.13	1.13	1.13	1.13	1.13	1.13	1.13
337.5	2.25	2.03	2.03	2.03	2.03	1.80	1.80	1.80	1.58
360.0	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.80

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 22 Total:24

C/ γ (°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	1.58	1.58	1.80	1.80	1.58	1.58	1.80	1.80	1.58
22.5	1.35	1.35	1.13	1.13	1.13	0.90	0.90	0.90	0.90
45.0	0.90	0.68	0.68	0.45	0.68	0.45	0.45	0.45	0.45
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
135.0	0.90	0.68	0.68	0.45	0.68	0.45	0.45	0.45	0.45
157.5	1.35	1.35	1.13	1.13	1.13	0.90	0.90	0.90	0.90
180.0	1.58	1.58	1.80	1.80	1.58	1.58	1.80	1.80	1.58
202.5	1.80	1.80	1.80	1.80	1.80	2.03	2.03	2.03	2.03
225.0	1.13	1.13	1.35	1.35	1.35	1.35	1.35	1.58	1.35
247.5	0.00	0.23	0.23	0.23	0.45	0.45	0.68	0.68	0.68
270.0	0.00	0.00	0.00	0.23	0.23	0.23	0.23	0.45	0.68
292.5	0.00	0.23	0.23	0.23	0.45	0.45	0.68	0.68	0.68
315.0	1.13	1.13	1.35	1.35	1.35	1.35	1.35	1.58	1.35
337.5	1.80	1.80	1.80	1.80	1.80	2.03	2.03	2.03	2.03
360.0	1.58	1.58	1.80	1.80	1.58	1.58	1.80	1.80	1.58
C/ γ (°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	1.80	1.80	1.58	1.80	1.80	1.58	1.58	1.58	1.80
22.5	0.90	0.90	0.90	0.90	0.68	0.90	0.90	0.68	0.68
45.0	0.45	0.45	0.45	0.23	0.45	0.45	0.45	0.23	0.23
67.5	0.00	0.00	0.00	0.00	0.23	0.23	0.23	0.23	0.23
90.0	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.23	0.23
112.5	0.00	0.00	0.00	0.00	0.23	0.23	0.23	0.23	0.23
135.0	0.45	0.45	0.45	0.23	0.45	0.45	0.45	0.23	0.23
157.5	0.90	0.90	0.90	0.90	0.68	0.90	0.90	0.68	0.68
180.0	1.80	1.80	1.58	1.80	1.80	1.58	1.58	1.58	1.80
202.5	1.80	2.03	1.80	2.03	2.03	2.03	2.03	2.03	2.03
225.0	1.58	1.35	1.58	1.58	1.80	1.58	1.80	1.80	1.80
247.5	0.90	0.90	0.90	1.13	1.13	1.35	1.35	1.35	1.35
270.0	0.68	0.68	0.68	0.90	0.90	1.13	1.13	1.13	1.35
292.5	0.90	0.90	0.90	1.13	1.13	1.35	1.35	1.35	1.35
315.0	1.58	1.35	1.58	1.58	1.80	1.58	1.80	1.80	1.80
337.5	1.80	2.03	1.80	2.03	2.03	2.03	2.03	2.03	2.03
360.0	1.80	1.80	1.58	1.80	1.80	1.58	1.58	1.58	1.80
C/ γ (°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	1.58	1.58	1.58	1.80	1.58	1.58	1.80	1.58	1.80
22.5	0.90	0.68	0.90	0.68	0.90	0.90	0.90	0.90	0.90
45.0	0.45	0.45	0.45	0.45	0.45	0.45	0.68	0.68	0.68
67.5	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.45	0.45
90.0	0.23	0.23	0.00	0.23	0.23	0.23	0.45	0.45	0.45
112.5	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.45	0.45
135.0	0.45	0.45	0.45	0.45	0.45	0.45	0.68	0.68	0.68
157.5	0.90	0.68	0.90	0.68	0.90	0.90	0.90	0.90	0.90
180.0	1.58	1.58	1.58	1.80	1.58	1.58	1.80	1.58	1.80
202.5	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
225.0	1.80	1.80	1.80	2.03	1.80	2.03	2.03	2.03	2.03
247.5	1.35	1.58	1.58	1.58	1.80	1.80	1.80	1.80	2.03
270.0	1.35	1.35	1.58	1.58	1.80	2.03	1.80	1.80	1.80
292.5	1.35	1.58	1.58	1.58	1.80	1.80	1.80	1.80	2.03
315.0	1.80	1.80	1.80	2.03	1.80	2.03	2.03	2.03	2.03
337.5	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
360.0	1.58	1.58	1.58	1.80	1.58	1.58	1.80	1.58	1.80

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 23 Total:24

C/ γ (°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	1.80	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.35
22.5	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
45.0	0.68	0.68	0.90	0.68	0.68	0.90	0.90	0.68	0.90
67.5	0.45	0.45	0.45	0.45	0.45	0.68	0.68	0.68	0.68
90.0	0.45	0.23	0.45	0.45	0.45	0.68	0.45	0.68	0.68
112.5	0.45	0.45	0.45	0.45	0.45	0.68	0.68	0.68	0.68
135.0	0.68	0.68	0.90	0.68	0.68	0.90	0.90	0.68	0.90
157.5	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
180.0	1.80	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.35
202.5	2.03	1.80	1.80	2.03	1.80	1.80	1.80	1.80	1.58
225.0	2.03	2.03	1.80	1.80	1.80	1.80	1.80	1.80	1.80
247.5	2.03	1.80	1.80	1.80	1.80	2.03	1.80	1.80	1.80
270.0	1.80	2.03	2.03	2.03	2.03	2.03	2.03	1.80	2.03
292.5	2.03	1.80	1.80	1.80	1.80	2.03	1.80	1.80	1.80
315.0	2.03	2.03	1.80	1.80	1.80	1.80	1.80	1.80	1.80
337.5	2.03	1.80	1.80	2.03	1.80	1.80	1.80	1.80	1.58
360.0	1.80	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.35
C/ γ (°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	1.58	1.35	1.35	1.58	1.58	1.58	1.35	1.35	1.58
22.5	0.90	1.13	0.90	1.13	0.90	0.90	1.13	0.90	1.13
45.0	0.90	0.68	0.90	0.90	0.90	0.68	0.90	0.90	0.68
67.5	0.68	0.68	0.68	0.68	0.68	0.68	0.90	0.68	0.90
90.0	0.68	0.68	0.90	0.90	0.68	0.68	0.68	0.68	0.68
112.5	0.68	0.68	0.68	0.68	0.68	0.68	0.90	0.68	0.90
135.0	0.90	0.68	0.90	0.90	0.90	0.68	0.90	0.90	0.68
157.5	0.90	1.13	0.90	1.13	0.90	0.90	1.13	0.90	1.13
180.0	1.58	1.35	1.35	1.58	1.58	1.58	1.35	1.35	1.58
202.5	1.58	1.58	1.58	1.58	1.35	1.58	1.58	1.58	1.35
225.0	1.80	1.80	1.58	1.80	1.58	1.80	1.58	1.58	1.58
247.5	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	2.03
270.0	1.80	2.03	2.03	1.80	2.03	1.80	2.03	2.03	1.80
292.5	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	2.03
315.0	1.80	1.80	1.58	1.80	1.58	1.80	1.58	1.58	1.58
337.5	1.58	1.58	1.58	1.58	1.35	1.58	1.58	1.58	1.35
360.0	1.58	1.35	1.35	1.58	1.58	1.58	1.35	1.35	1.58
C/ γ (°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	1.58	1.58	1.58	1.58	1.35	1.35	1.35	1.35	1.35
22.5	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.35	1.13
45.0	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
67.5	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
90.0	0.90	0.90	0.90	0.90	0.90	0.90	1.13	0.90	1.13
112.5	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
135.0	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
157.5	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.35	1.13
180.0	1.58	1.58	1.58	1.58	1.35	1.35	1.35	1.35	1.35
202.5	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
225.0	1.58	1.80	1.58	1.58	1.35	1.35	1.35	1.35	1.35
247.5	1.80	1.58	1.80	1.80	1.58	1.58	1.58	1.58	1.58
270.0	2.03	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.58
292.5	1.80	1.58	1.80	1.80	1.58	1.58	1.58	1.58	1.58
315.0	1.58	1.80	1.58	1.58	1.35	1.35	1.35	1.35	1.35
337.5	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
360.0	1.58	1.58	1.58	1.58	1.35	1.35	1.35	1.35	1.35

Equipment:
Temperature(°C): 25.3

Date: 2018-9-14
Humidity(%): 57.0%

Operator: Dick
Distance(m): 14.38

Intensity data(cd)

Page: 24 Total:24

C/ γ (°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	1.35	1.35	1.13	1.35	1.35	1.35	1.35	1.35	1.35
22.5	0.90	1.13	1.13	1.13	0.90	1.13	1.13	0.90	1.13
45.0	0.90	1.13	0.90	0.90	0.90	0.90	0.90	0.90	0.90
67.5	0.90	0.90	0.90	0.90	0.90	0.90	1.13	0.90	0.90
90.0	0.90	0.90	1.13	0.90	0.90	1.13	0.90	1.13	0.90
112.5	0.90	0.90	0.90	0.90	0.90	0.90	1.13	0.90	0.90
135.0	0.90	1.13	0.90	0.90	0.90	0.90	0.90	0.90	0.90
157.5	0.90	1.13	1.13	1.13	0.90	1.13	1.13	0.90	1.13
180.0	1.35	1.35	1.13	1.35	1.35	1.35	1.35	1.35	1.35
202.5	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
225.0	1.35	1.35	1.35	1.35	1.35	1.35	1.13	1.13	1.13
247.5	1.35	1.58	1.35	1.35	1.58	1.35	1.13	1.35	1.13
270.0	1.58	1.58	1.58	1.58	1.35	1.58	1.35	1.35	1.35
292.5	1.35	1.58	1.35	1.35	1.58	1.35	1.13	1.35	1.13
315.0	1.35	1.35	1.35	1.35	1.35	1.35	1.13	1.13	1.13
337.5	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
360.0	1.35	1.35	1.13	1.35	1.35	1.35	1.35	1.35	1.35
C/ γ (°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.13	1.13	1.35	1.35	1.35	1.35	1.35	1.35	1.35
22.5	0.90	0.90	0.90	0.90	1.13	0.90	1.13	1.13	1.13
45.0	0.90	1.13	0.90	0.90	1.13	1.13	1.13	0.90	0.90
67.5	1.13	0.90	0.90	0.90	1.13	0.90	0.90	0.90	0.90
90.0	1.13	1.13	1.13	1.13	0.90	1.13	1.13	1.13	1.13
112.5	1.13	0.90	0.90	0.90	1.13	0.90	0.90	0.90	0.90
135.0	0.90	1.13	0.90	0.90	1.13	1.13	1.13	0.90	0.90
157.5	0.90	0.90	0.90	0.90	1.13	0.90	1.13	1.13	1.13
180.0	1.13	1.13	1.35	1.35	1.35	1.35	1.35	1.35	1.35
202.5	1.13	1.13	1.13	0.90	1.13	0.90	0.90	1.13	1.13
225.0	1.13	1.13	1.13	1.13	0.90	1.13	1.13	1.13	1.13
247.5	1.13	1.13	1.13	1.13	1.35	1.13	1.13	1.13	1.13
270.0	1.35	1.35	1.13	1.35	1.13	1.13	1.13	1.13	1.13
292.5	1.13	1.13	1.13	1.13	1.35	1.13	1.13	1.13	1.13
315.0	1.13	1.13	1.13	1.13	0.90	1.13	1.13	1.13	1.13
337.5	1.13	1.13	1.13	0.90	1.13	0.90	0.90	1.13	1.13
360.0	1.13	1.13	1.35	1.35	1.35	1.35	1.35	1.35	1.35
C/ γ (°)	180.0								
0.0	1.13								
22.5	1.13								
45.0	1.13								
67.5	1.13								
90.0	1.13								
112.5	1.13								
135.0	1.13								
157.5	1.13								
180.0	1.13								
202.5	1.13								
225.0	1.13								
247.5	1.13								
270.0	1.13								
292.5	1.13								
315.0	1.13								
337.5	1.13								
360.0	1.13								