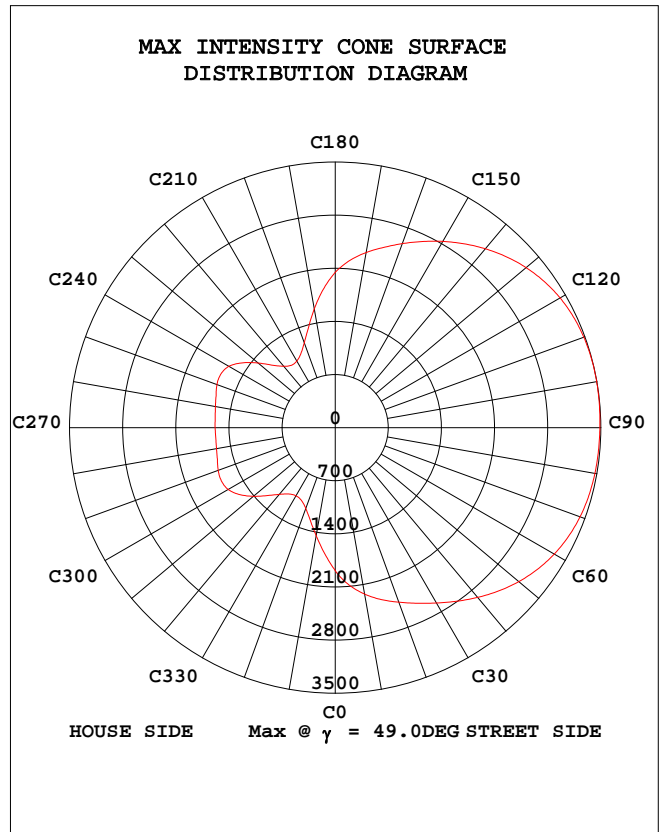
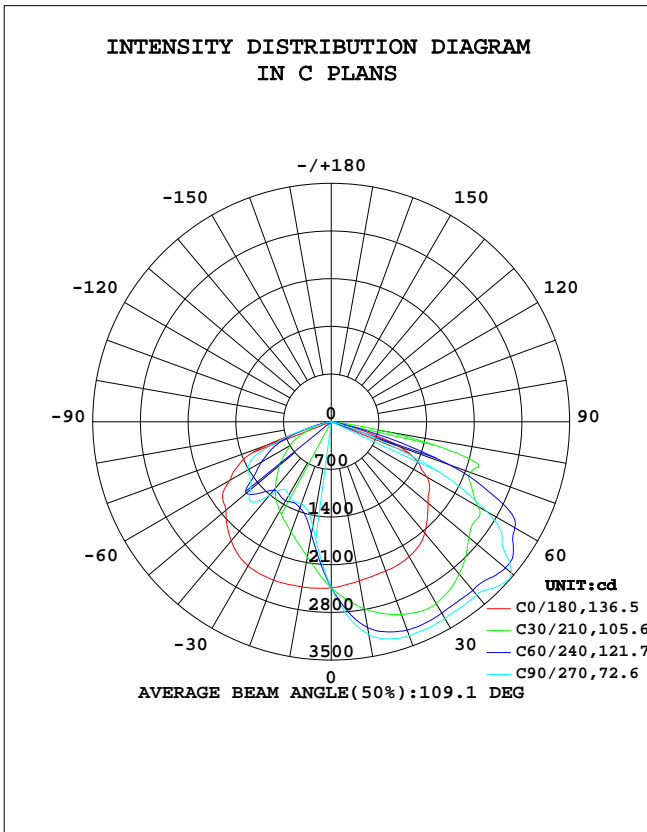


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.00 lm/W			
MODEL SLE-S-77W-SW-T3-30-70		Imax(cd)	3497	η street_up(%)	0.1
NOMINAL POWER(W)	77	LOR(%)	100.0	η street_down(%)	67.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	9240	η house_up(%)	0.1
NOMINAL FLUX(lm)	9240	MAXIMUM @(C, γ)	105,49.0	η house_down(%)	31.9
LAMPS INSIDE	1	η up(%)	0.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.8	SLI	17.598



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 33.1DEG
Operators: William
Test Date: 2019-08-21

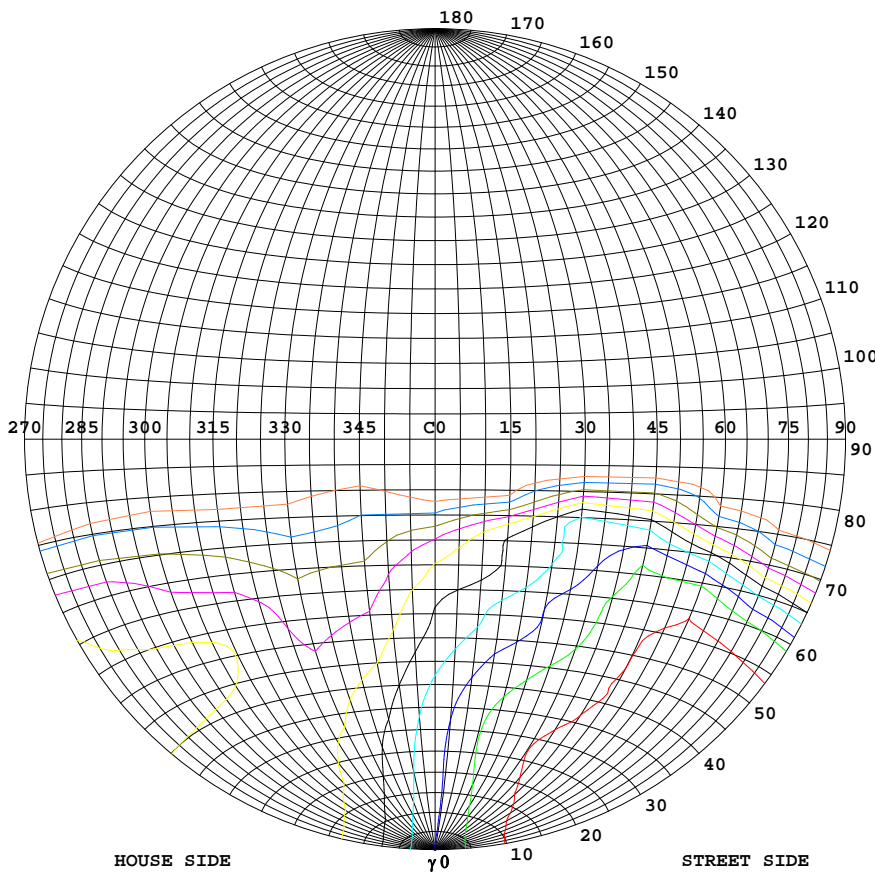
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
Humidity: 36.7%
Test Distance: 26.000m [K=1.0000]
Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



Classification:

IES:Type VS - Very Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:85.22cd/klm
 Max.At90:0.0830cd/klm
 Max.80-90:85.22cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3497
90%	3147
80%	2797
70%	2448
60%	2098
50%	1748
40%	1399
30%	1049
20%	699
10%	350
5%	175

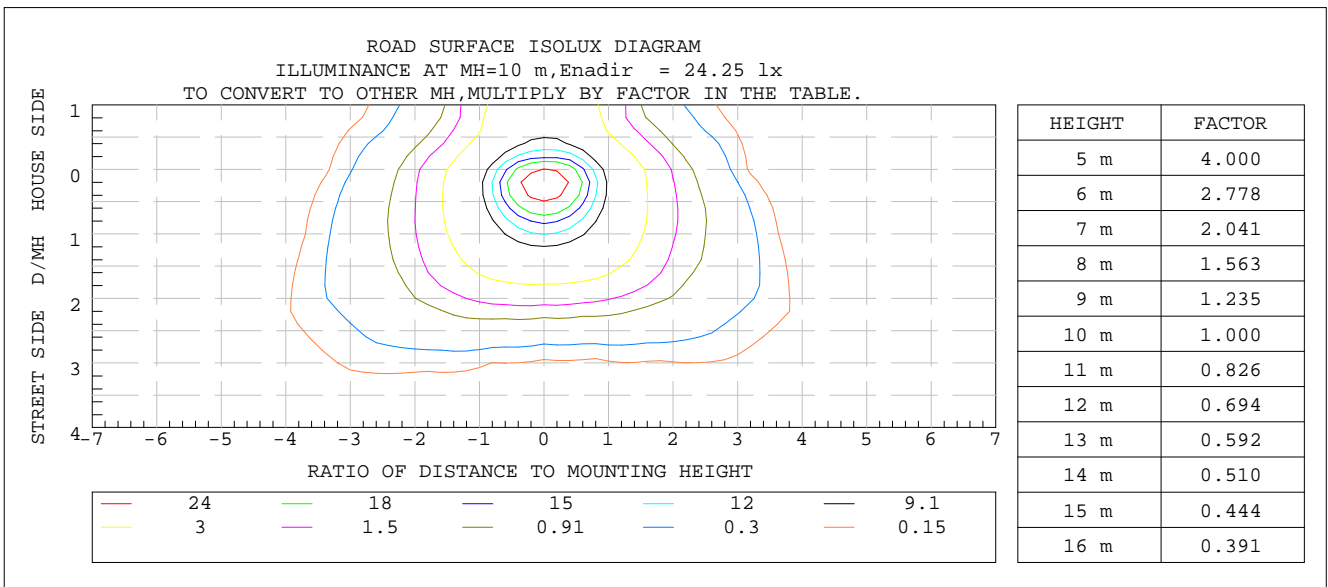
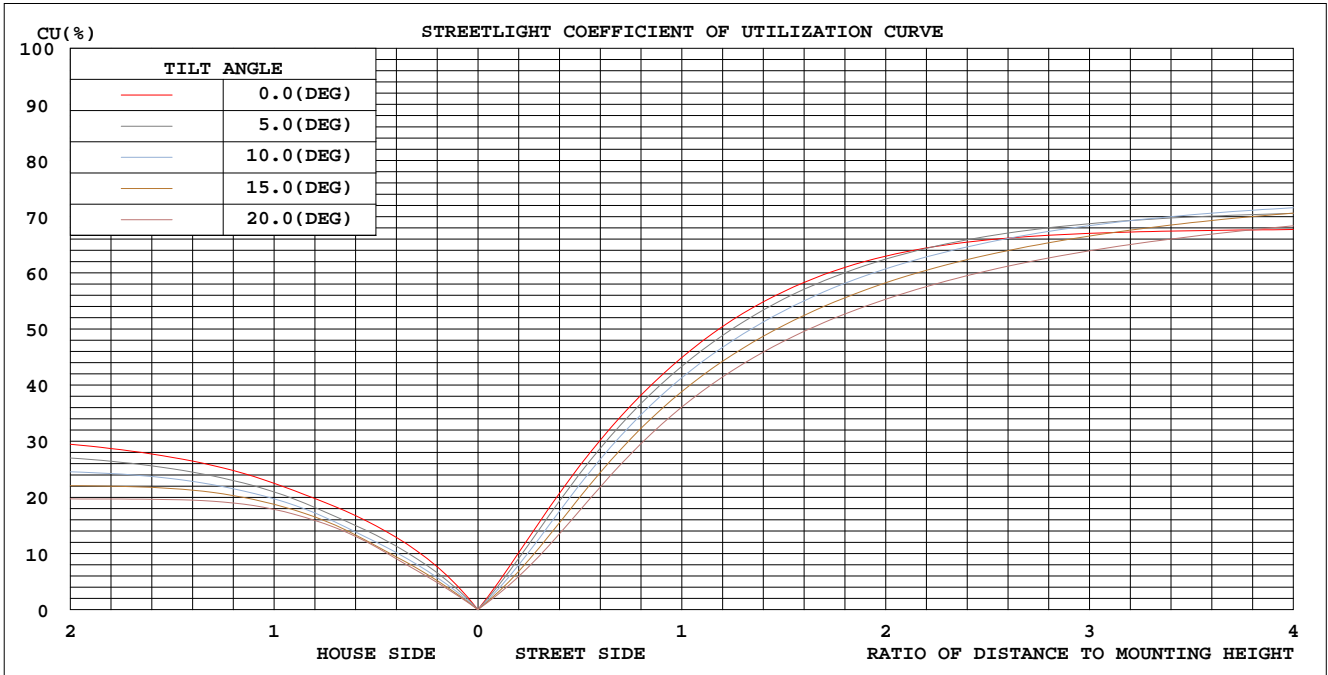
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 33.1DEG
Operators: William
Test Date: 2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
Humidity: 36.7%
Test Distance: 26.000m [K=1.0000]
Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

ZONAL FLUX DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	2372	2961	3170	3007	2462	1821	1569	1784	0- 10	230.2	230.2	2.49,2.49
20	2334	3177	3338	3235	2475	1469	1285	1417	10- 20	669.4	899.6	9.74,9.74
30	2287	3201	3337	3273	2443	1325	1251	1296	20- 30	1079	1978	21.4,21.4
40	2135	3121	3310	3219	2284	1264	1412	1272	30- 40	1422	3401	36.8,36.8
50	1856	3037	3457	3192	2022	1173	1546	1280	40- 50	1723	5124	55.5,55.5
60	1620	2956	2641	3118	1722	1154	1414	1146	50- 60	1838	6962	75.3,75.3
70	1055	2505	647.5	2444	1010	545.6	790.5	605.3	60- 70	1554	8516	92.2,92.2
80	75.03	732.9	59.69	391.5	53.78	56.49	48.29	74.60	70- 80	660.0	9176	99.3,99.3
90	0.3393	0.3703	0	0.2736	0	0.5784	0	0.3868	80- 90	43.70	9220	99.8,99.8
100	0.5654	0.2193	0.2694	0.0776	0.8057	2.428	0.3905	1.750	90-100	0.4395	9220	99.8,99.8
110	2.559	0.8844	1.848	1.120	2.258	6.233	2.207	3.571	100-110	1.792	9222	99.8,99.8
120	3.512	1.500	2.514	1.746	3.137	5.044	4.371	5.557	110-120	3.109	9225	99.8,99.8
130	4.328	2.155	2.591	2.172	4.285	6.042	5.574	6.988	120-130	3.588	9229	99.9,99.9
140	5.507	2.770	2.638	2.871	5.180	6.890	6.343	7.627	130-140	3.570	9232	99.9,99.9
150	6.118	3.616	2.691	3.682	5.497	6.706	6.380	7.605	140-150	3.212	9235	100,99.9
160	5.660	4.348	3.480	4.189	5.430	6.188	5.739	6.812	150-160	2.392	9238	100,100
170	6.609	6.147	4.989	5.820	6.534	7.211	6.605	7.227	160-170	1.581	9239	100,100
180	6.922	6.850	5.953	6.792	6.807	7.234	5.954	6.674	170-180	0.6381	9240	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

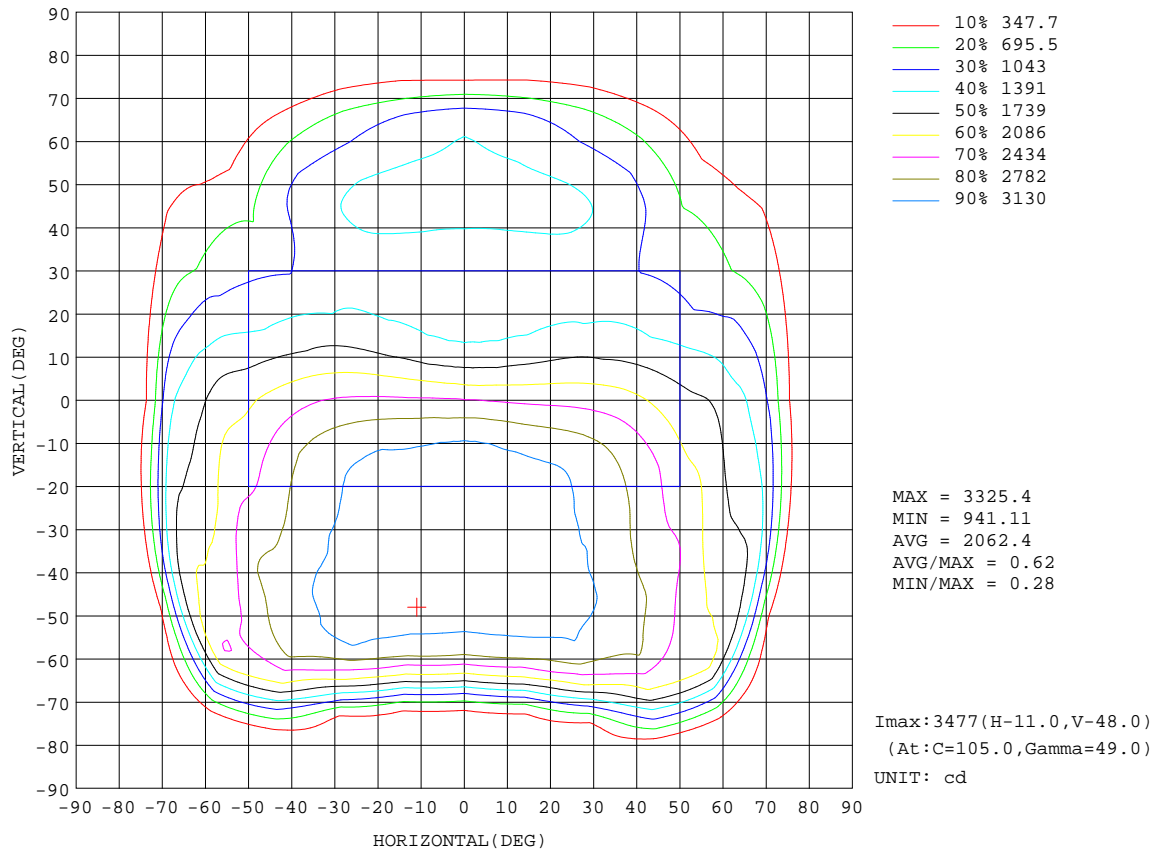
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



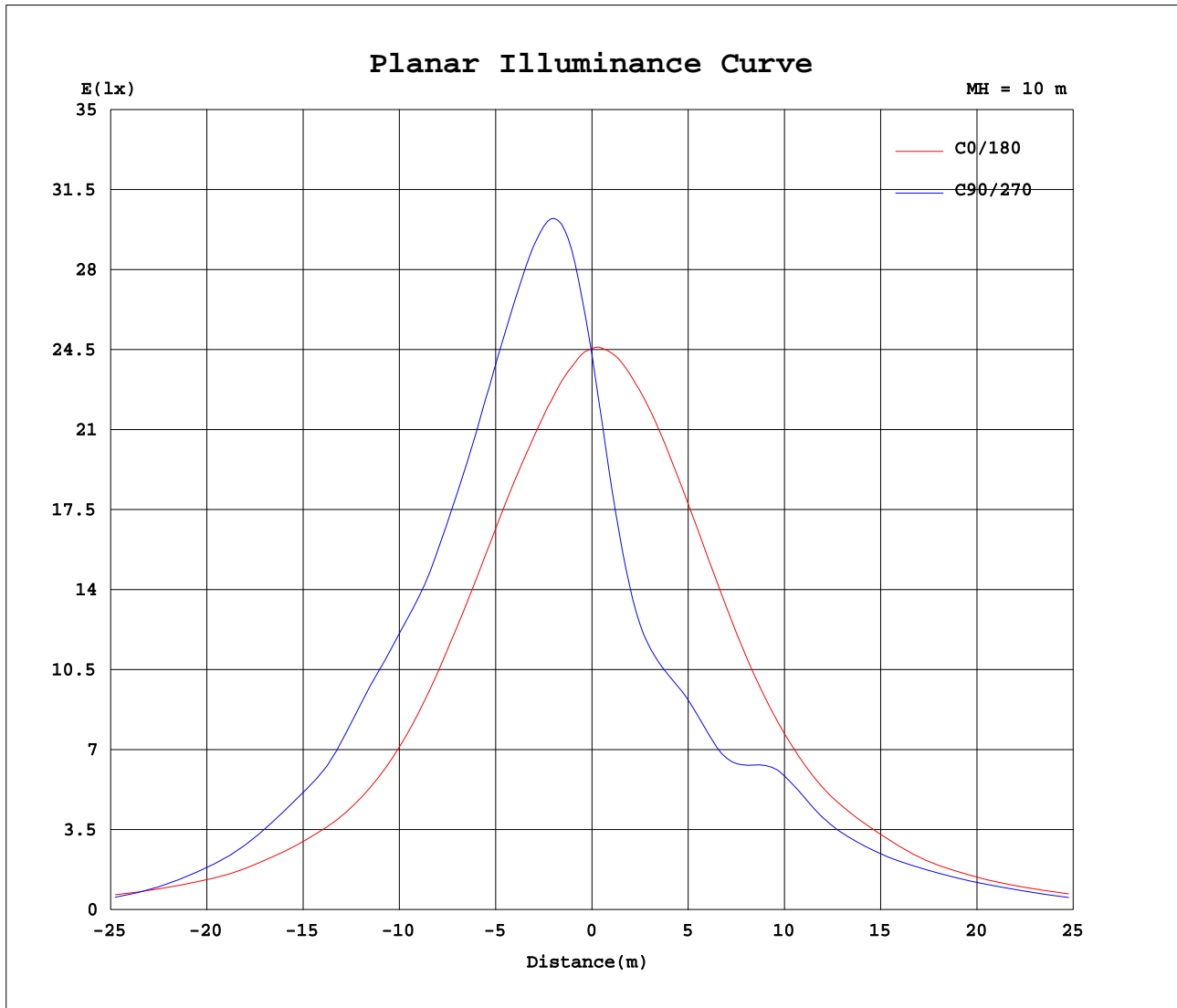
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators: William
 Test Date: 2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance: 26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators: William
 Test Date: 2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance: 26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

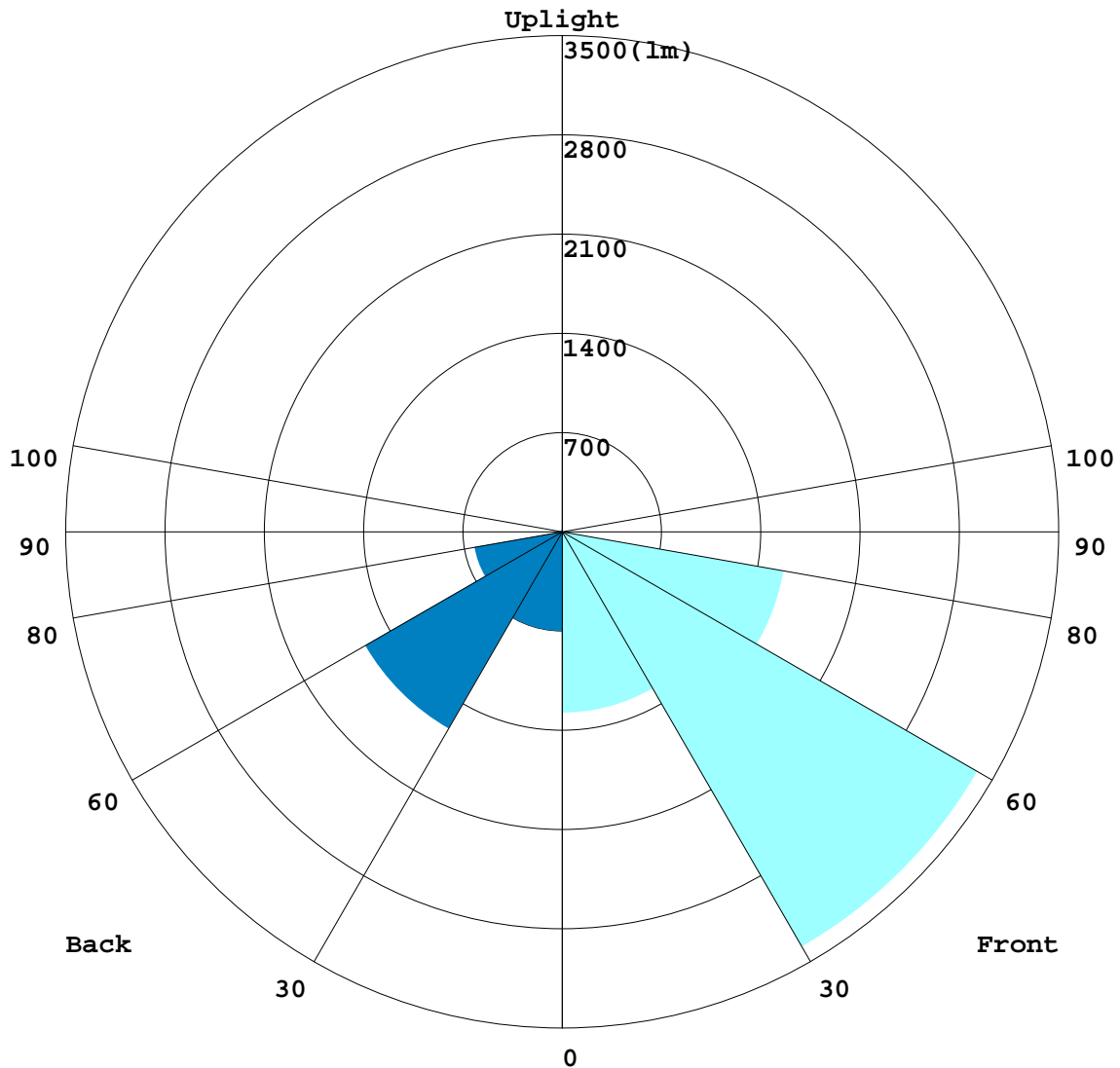
Checker: DENNY

Assessor: JOE

LCS REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

BUG REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1277.3	13.8
FM - Front-Medium(30-60)	3380.2	36.6
FH - Front-High(60-80)	1586	17.2
FVH - Front-Very High(80-90)	30.379	0.3
Total Forward Light	6280.5	68.0

BL - Back-Low(0-30)	700.99	7.6
BM - Back-Medium(30-60)	1603.6	17.4
BH - Back-High(60-80)	627.77	6.8
BVH - Back-Very High(80-90)	13.324	0.1
Total Back Light	2959.4	32.0

UL - Uplight-Low(90-100)	0.43948	0.0
UH - Uplight-High(100-180)	19.882	0.2
Total Up Light	20.321	0.2

BUG(Back,Up,Glare) Rating	B2-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2945.7	13.756	2959.4
Street Side	6274	6.5655	6280.5

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

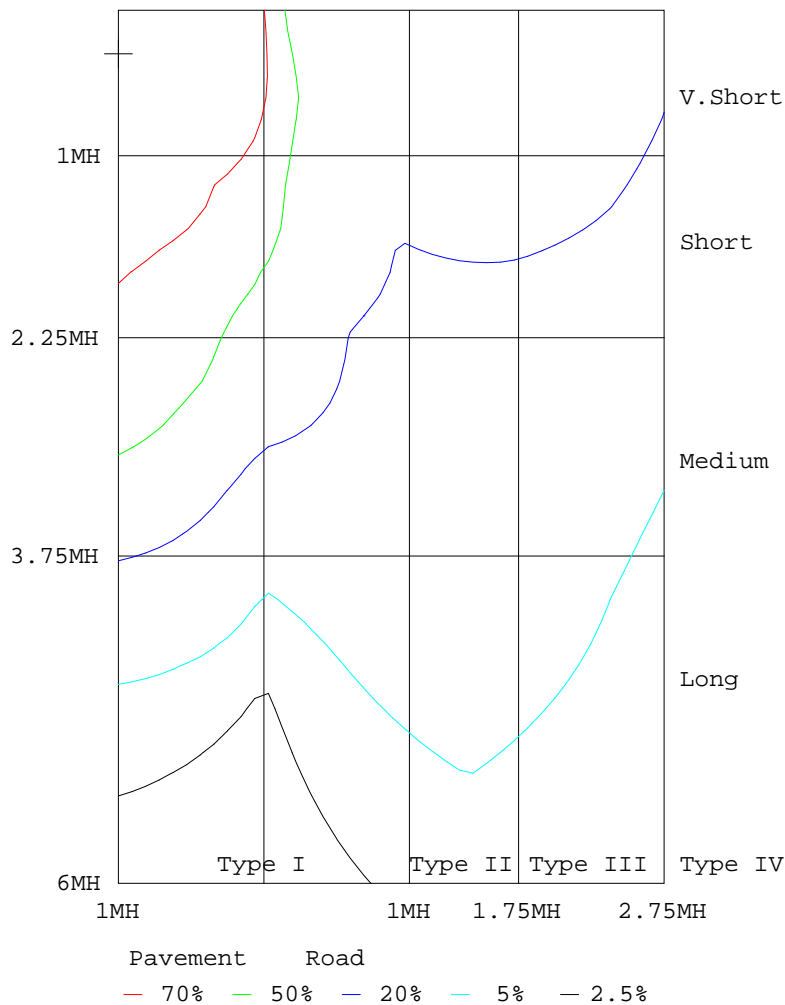
Checker: DENNY

Assessor: JOE

ROAD ISOCANDELA REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators: William
 Test Date: 2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance: 26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437	2437
5	2404	2517	2624	2728	2794	2846	2872	2862	2817	2752	2668	2563	2453	2336	2220	2115	2036	1981	1958
10	2372	2589	2788	2961	3066	3141	3170	3153	3100	3007	2862	2671	2462	2237	2018	1821	1678	1596	1569
15	2347	2649	2913	3096	3195	3272	3302	3286	3247	3154	3001	2764	2469	2160	1855	1600	1444	1372	1344
20	2334	2709	3010	3177	3256	3306	3338	3337	3300	3235	3109	2843	2475	2096	1723	1469	1347	1303	1285
25	2319	2750	3074	3217	3261	3309	3346	3343	3312	3283	3167	2896	2468	2033	1612	1395	1311	1302	1290
30	2287	2759	3082	3201	3243	3288	3337	3312	3295	3273	3166	2905	2443	1942	1513	1325	1339	1287	1251
35	2235	2728	3021	3154	3228	3296	3325	3324	3281	3238	3106	2871	2383	1818	1407	1304	1317	1241	1210
40	2135	2640	2920	3121	3232	3282	3310	3323	3289	3219	3030	2776	2284	1662	1275	1264	1313	1391	1412
45	1998	2496	2794	3098	3260	3397	3431	3430	3343	3201	2926	2618	2161	1495	1128	1178	1483	1664	1661
50	1856	2306	2639	3037	3339	3460	3457	3489	3436	3192	2821	2417	2022	1334	988	1173	1629	1574	1546
55	1759	2179	2563	2989	3266	3163	3058	3149	3323	3147	2805	2353	1949	1183	837	1221	1381	1414	1455
60	1620	1949	2491	2956	3113	2877	2641	2820	3174	3118	2729	2105	1722	1035	699	1154	1182	1313	1414
65	1404	1756	2274	2852	2710	2078	1757	1969	2580	3007	2462	1971	1498	776	544	848	973	1160	1276
70	1055	1762	2184	2505	1843	940	647	797	1540	2444	2418	1909	1010	487	335	546	684	743	790
75	384	986	2098	1801	655	203	149	166	392	1484	1990	889	229	342	247	231	307	319	207
80	75.0	116	787	733	110	81.8	59.7	70.2	88.3	391	541	87.4	53.8	153	121	56.5	63.9	55.6	48.3
85	19.2	21.1	47.1	47.3	28.2	16.2	9.83	12.2	22.1	24.8	26.6	14.3	10.7	24.2	14.9	10.9	6.37	0.58	0.27
90	0.34	0.31	0.41	0.37	0.16	0.04	0.00	0.00	0.08	0.27	0.24	0.16	0.00	0.15	0.77	0.58	0.00	0.00	0.00
95	0.00	0.04	0.11	0.20	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.08	0.23	0.73	1.46	1.39	0.43	0.24	0.00
100	0.57	0.08	0.08	0.22	0.19	0.19	0.27	0.23	0.15	0.08	0.08	0.08	0.81	1.46	2.07	2.43	2.39	1.79	0.39
105	1.45	0.64	0.23	0.58	0.69	0.85	1.15	0.89	0.66	0.58	0.19	0.61	1.57	2.30	3.18	3.43	3.35	5.27	1.16
110	2.56	1.30	0.69	0.88	1.46	1.62	1.85	1.55	1.35	1.12	0.66	1.27	2.26	2.87	3.68	6.23	5.28	8.71	2.21
115	2.71	1.99	1.23	1.30	1.84	2.04	2.09	2.01	1.90	1.34	1.00	1.73	2.64	3.59	4.29	4.57	8.65	5.01	3.52
120	3.51	2.18	1.45	1.50	2.19	2.58	2.51	2.59	2.32	1.75	1.35	2.04	3.14	4.17	4.44	5.04	9.13	5.09	4.37
125	4.12	2.67	1.86	1.92	2.52	2.78	2.59	2.83	2.40	1.98	1.78	2.54	3.82	4.70	4.94	5.78	6.99	5.64	5.03
130	4.33	3.13	2.03	2.15	2.57	2.78	2.59	2.83	2.47	2.17	2.09	2.66	4.29	4.85	5.48	6.04	6.34	5.98	5.57
135	4.97	3.40	2.51	2.50	2.67	2.78	2.61	2.83	2.79	2.52	2.55	3.12	4.78	5.09	5.94	6.54	6.61	6.33	6.07
140	5.51	3.97	3.06	2.77	2.78	2.78	2.64	2.83	3.18	2.87	3.16	3.81	5.18	5.70	6.32	6.89	6.64	6.38	6.34
145	5.67	4.51	3.67	3.19	3.05	2.78	2.66	2.83	3.27	3.18	3.67	4.31	5.38	5.90	6.76	6.85	6.68	6.43	6.42
150	6.12	4.78	3.98	3.62	3.13	2.93	2.69	2.83	3.33	3.68	3.94	4.58	5.50	5.84	6.82	6.71	6.71	6.17	6.38
155	5.93	4.80	4.29	3.77	3.30	3.16	3.05	2.98	3.50	3.80	4.17	4.87	5.50	5.71	6.32	6.27	6.18	5.79	5.84
160	5.66	4.81	4.44	4.35	3.92	3.74	3.48	3.48	3.83	4.19	4.44	4.93	5.43	5.60	6.04	6.19	6.04	5.81	5.74
165	5.51	4.93	4.98	4.88	4.68	4.40	4.37	4.38	4.64	4.73	4.94	5.04	5.36	5.62	6.02	6.20	6.08	5.87	5.61
170	6.61	6.49	6.36	6.15	5.76	5.32	4.99	5.19	5.66	5.82	6.10	6.23	6.53	6.73	7.09	7.21	7.23	7.12	6.61
175	6.89	7.38	7.08	6.77	6.35	5.79	5.64	5.81	6.31	6.60	6.76	6.81	6.75	6.86	7.37	7.45	7.45	7.41	6.58
180	6.92	7.45	7.20	6.85	6.53	6.06	5.95	6.27	6.51	6.79	6.76	6.81	6.81	6.92	7.43	7.23	6.84	6.52	5.95

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-77W-SW-T3-30-70	WEIGHT:
SPEC.:77W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG)\ γ (DEG)	285	300	315	330	345														
0	2437	2437	2437	2437	2437														
5	1969	2016	2086	2184	2293														
10	1593	1663	1784	1958	2159														
15	1362	1423	1555	1782	2055														
20	1289	1320	1417	1638	1973														
25	1289	1288	1344	1529	1899														
30	1270	1303	1296	1440	1807														
35	1213	1282	1295	1346	1688														
40	1374	1312	1272	1240	1546														
45	1654	1511	1239	1129	1395														
50	1557	1622	1280	1012	1236														
55	1415	1365	1323	883	1074														
60	1331	1188	1146	774	913														
65	1197	989	879	641	755														
70	773	717	605	407	494														
75	328	342	281	243	351														
80	58.5	74.1	74.6	110	210														
85	1.27	7.63	14.6	21.6	40.7														
90	0.00	0.00	0.39	0.70	0.31														
95	0.00	0.23	0.94	1.36	0.77														
100	0.43	1.05	1.75	2.05	1.66														
105	1.40	2.13	2.68	2.71	2.47														
110	2.68	3.15	3.57	3.75	3.27														
115	3.95	4.31	4.51	4.68	4.00														
120	5.00	5.31	5.56	5.30	4.62														
125	5.77	6.24	6.49	5.99	5.28														
130	6.35	6.93	6.99	6.34	5.74														
135	6.86	7.28	7.38	6.76	6.20														
140	6.86	7.39	7.63	7.15	6.66														
145	6.86	7.49	7.72	7.36	6.84														
150	6.82	7.35	7.61	7.35	6.73														
155	6.23	6.74	6.98	6.88	6.63														
160	5.81	6.34	6.81	6.80	6.55														
165	5.81	6.48	6.68	6.73	6.47														
170	6.93	6.75	7.23	7.58	7.18														
175	6.77	7.05	7.29	7.49	7.47														
180	5.92	6.31	6.67	6.87	6.85														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE