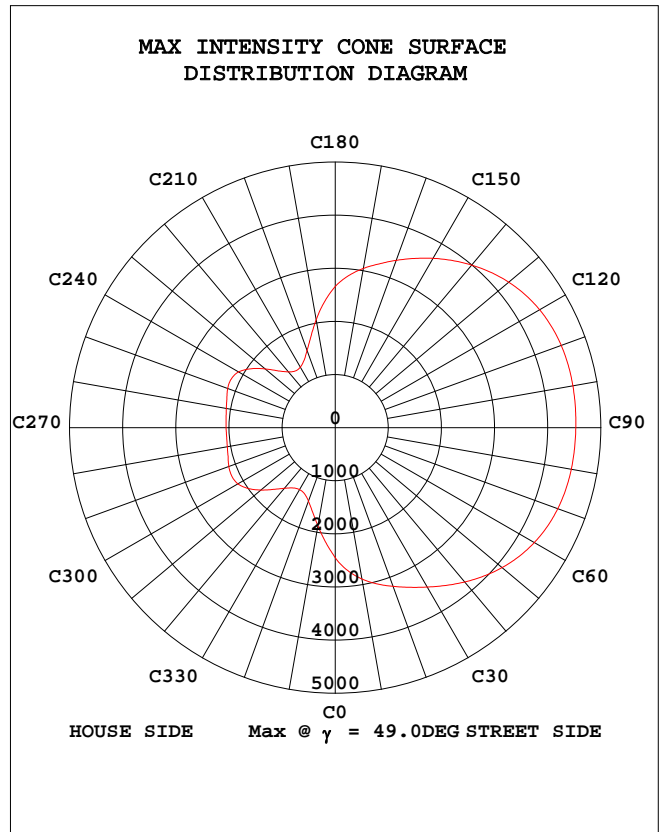
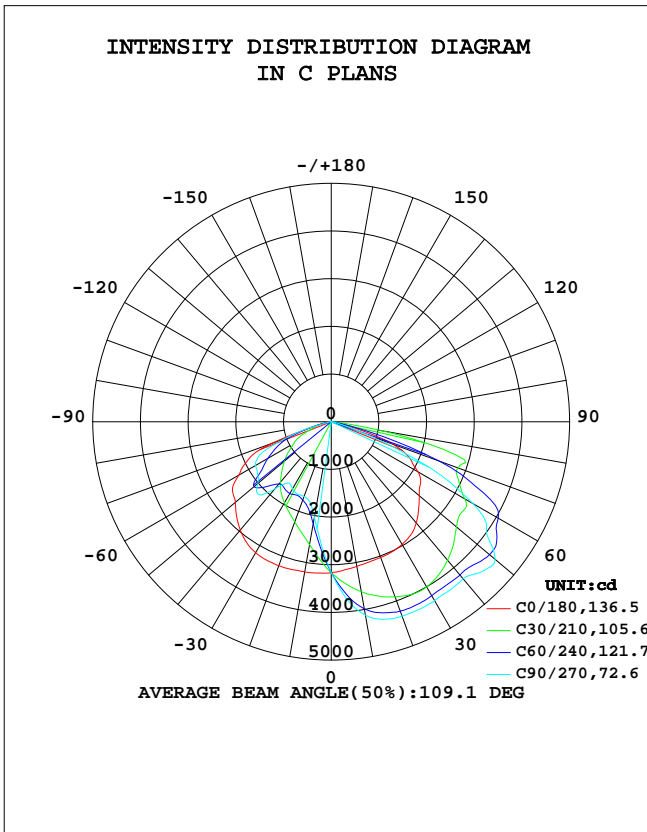


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.00 lm/W			
MODELSLE-S-100W-SW-T3-30-70		I _{max} (cd)	4541	η street_up(%)	0.1
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	67.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12000	η house_up(%)	0.1
NOMINAL FLUX(lm)	12000	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	17.974



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

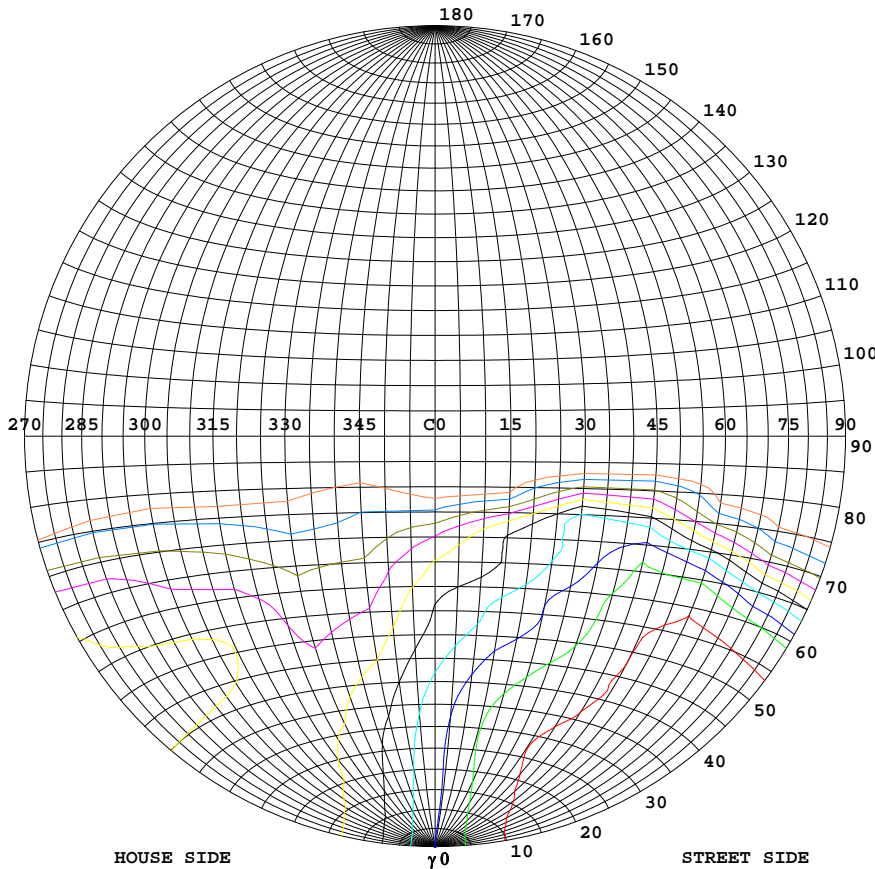
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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%	4541
90%	4087
80%	3633
70%	3179
60%	2725
50%	2271
40%	1816
30%	1362
20%	908
10%	454
5%	227

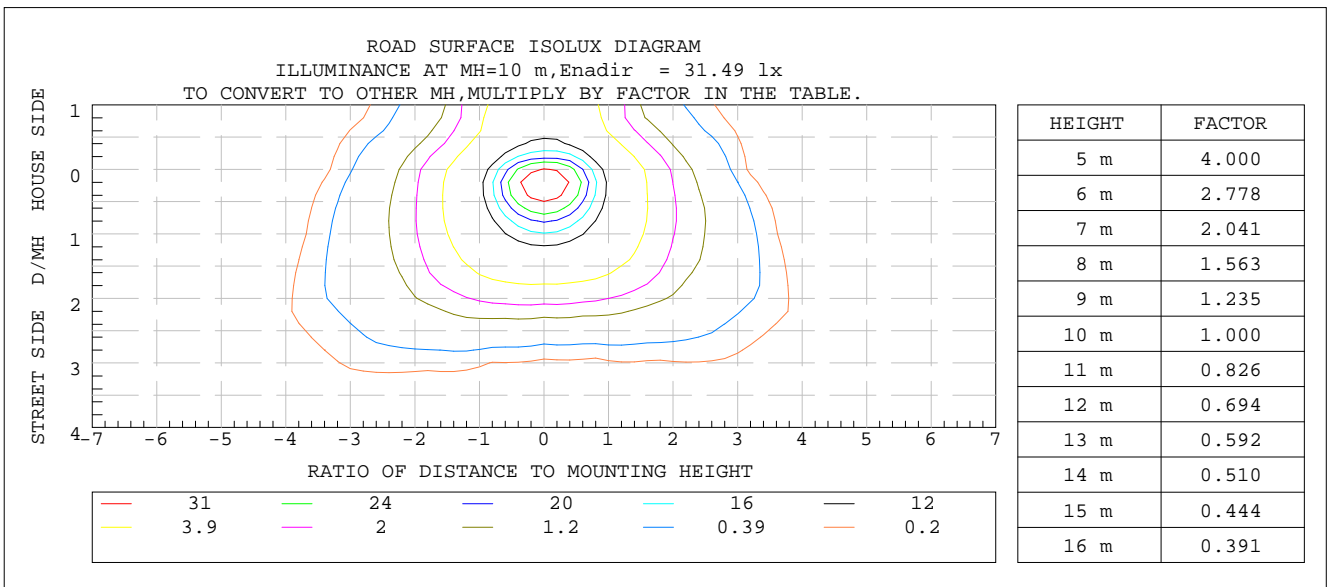
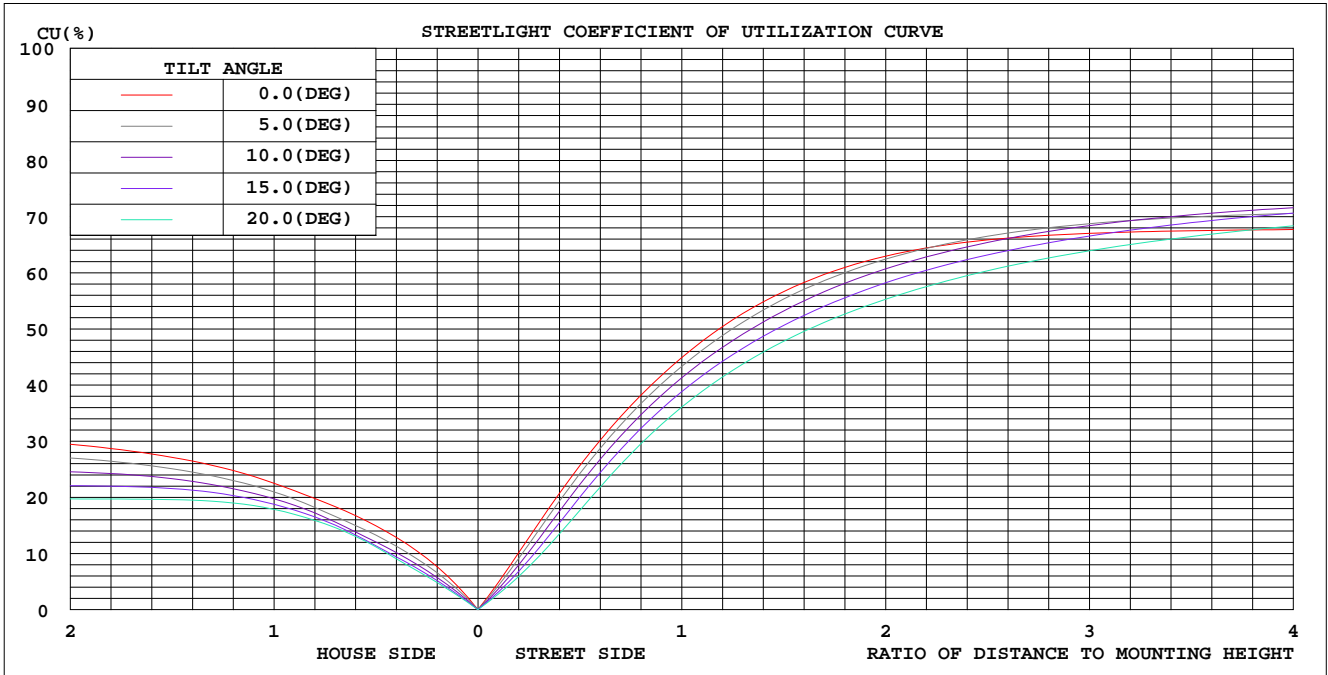
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators:William
 Test Date:2019-08-21

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-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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	3081	3846	4117	3905	3197	2365	2037	2316	0- 10	298.9	298.9	2.49,2.49
20	3031	4127	4335	4202	3214	1908	1668	1840	10- 20	869.3	1168	9.74,9.74
30	2970	4157	4334	4250	3173	1721	1625	1683	20- 30	1401	2569	21.4,21.4
40	2773	4054	4299	4181	2966	1642	1834	1652	30- 40	1847	4417	36.8,36.8
50	2411	3944	4490	4145	2626	1523	2007	1663	40- 50	2238	6654	55.5,55.5
60	2104	3839	3430	4050	2236	1499	1836	1489	50- 60	2387	9042	75.3,75.3
70	1371	3253	840.9	3175	1312	708.6	1027	786.1	60- 70	2018	11060	92.2,92.2
80	97.44	951.8	77.52	508.4	69.84	73.36	62.72	96.89	70- 80	857.2	11917	99.3,99.3
90	0.4407	0.4809	0	0.3553	0	0.7511	0	0.5023	80- 90	56.76	11974	99.8,99.8
100	0.7342	0.2848	0.3499	0.1008	1.046	3.153	0.5072	2.272	90-100	0.5708	11974	99.8,99.8
110	3.323	1.149	2.400	1.455	2.932	8.095	2.866	4.638	100-110	2.328	11976	99.8,99.8
120	4.561	1.948	3.265	2.267	4.075	6.551	5.677	7.217	110-120	4.037	11980	99.8,99.8
130	5.621	2.799	3.365	2.821	5.565	7.847	7.239	9.075	120-130	4.660	11985	99.9,99.9
140	7.152	3.597	3.427	3.728	6.728	8.949	8.238	9.905	130-140	4.636	11990	99.9,99.9
150	7.946	4.696	3.495	4.782	7.139	8.710	8.286	9.877	140-150	4.171	11994	100,99.9
160	7.351	5.647	4.519	5.441	7.052	8.036	7.454	8.847	150-160	3.106	11997	100,100
170	8.583	7.983	6.479	7.558	8.485	9.365	8.578	9.386	160-170	2.053	11999	100,100
180	8.990	8.896	7.731	8.821	8.841	9.395	7.733	8.668	170-180	0.8286	12000	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

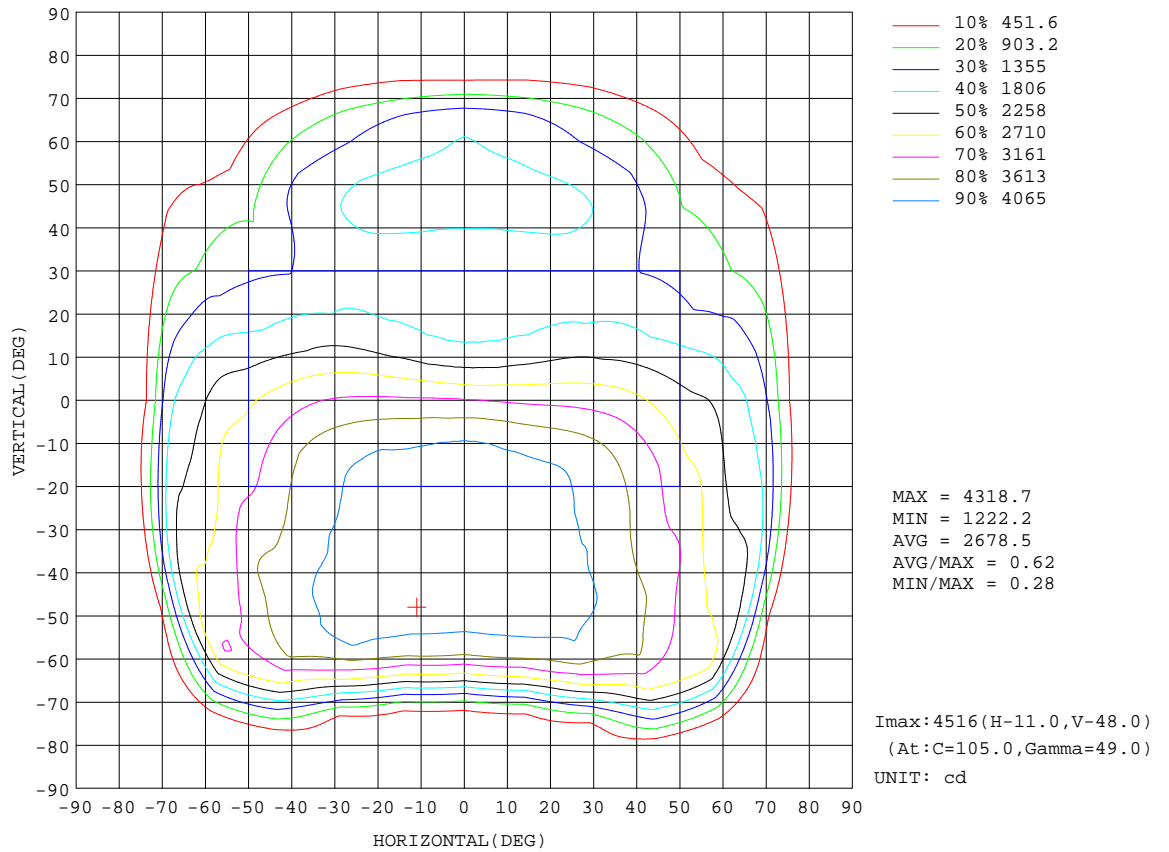
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 36.7%
 Test Distance:26.000m [K=1.0000]
 Remarks: 5050 M3A2 T4A

Checker: DENNY

Assessor: JOE

ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



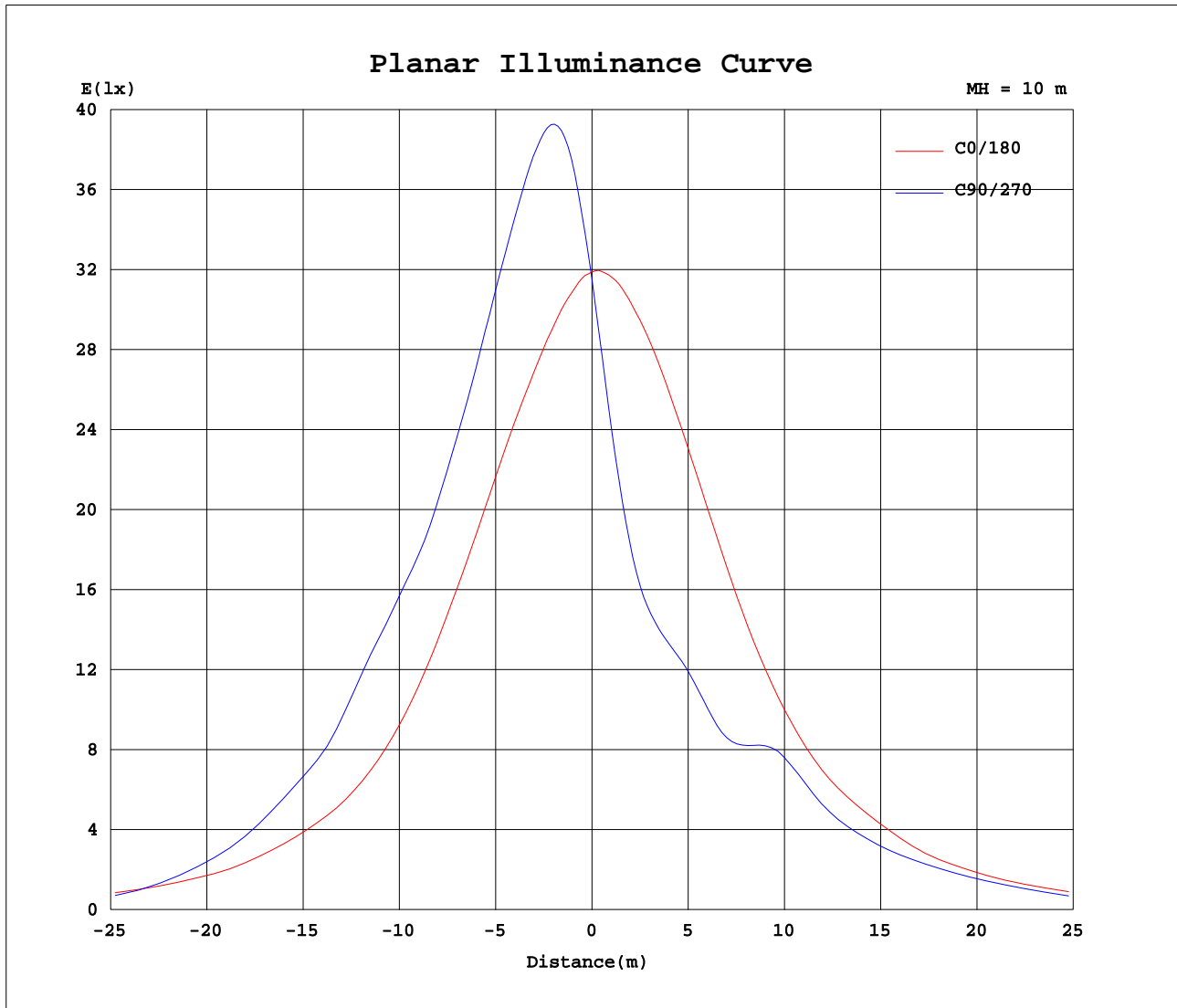
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.1DEG
 Operators: William
 Test Date: 2019-08-21

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

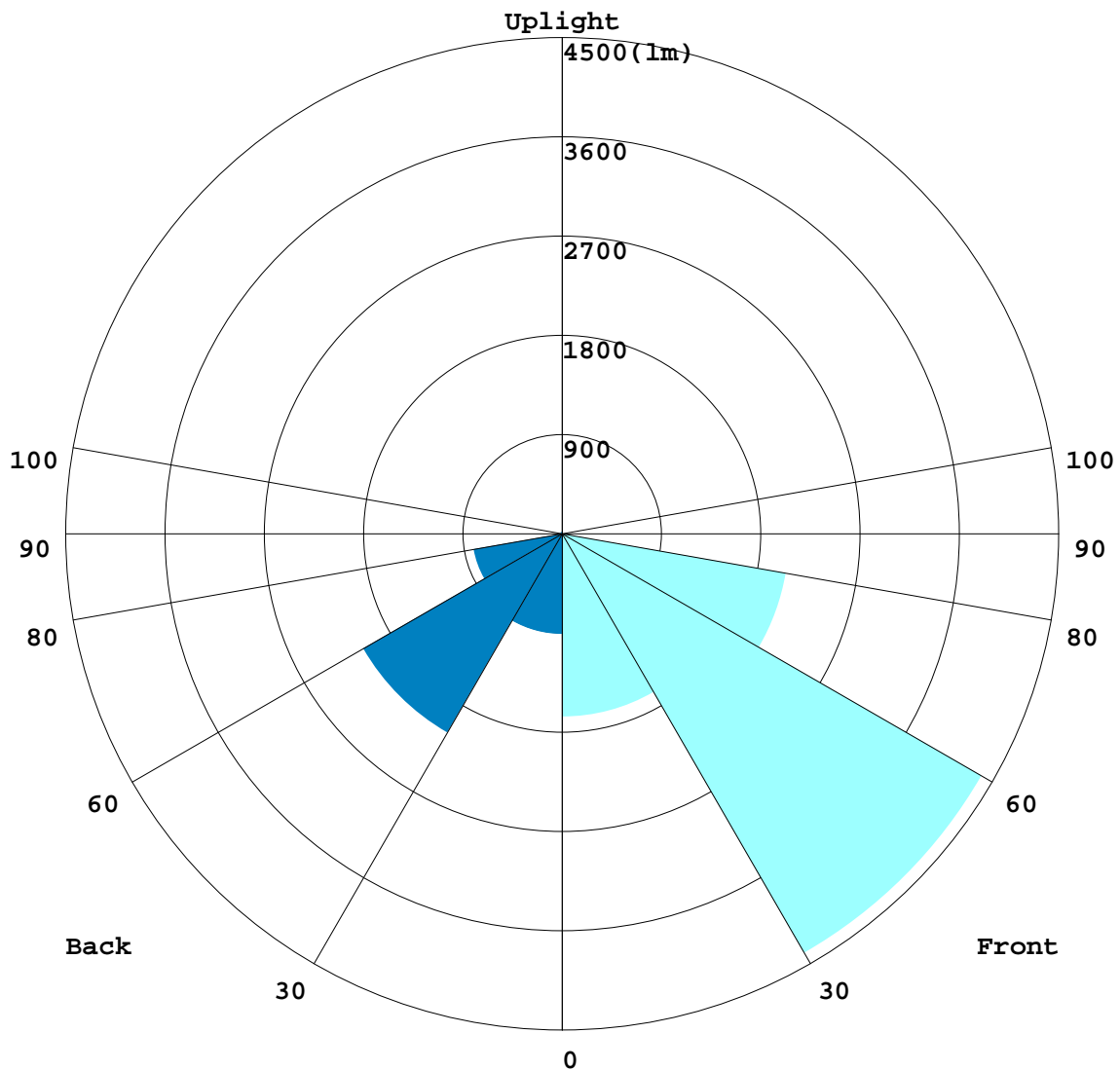
Checker: DENNY

Assessor: JOE

LCS REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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)	1658.9	13.8
FM - Front-Medium(30-60)	4389.9	36.6
FH - Front-High(60-80)	2059.8	17.2
FVH - Front-Very High(80-90)	39.453	0.3
Total Forward Light	8156.5	68.0

BL - Back-Low(0-30)	910.37	7.6
BM - Back-Medium(30-60)	2082.6	17.4
BH - Back-High(60-80)	815.29	6.8
BVH - Back-Very High(80-90)	17.304	0.1
Total Back Light	3843.4	32.0

UL - Uplight-Low(90-100)	0.57075	0.0
UH - Uplight-High(100-180)	25.821	0.2
Total Up Light	26.392	0.2

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3825.6	17.865	3843.4
Street Side	8148	8.5266	8156.5

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

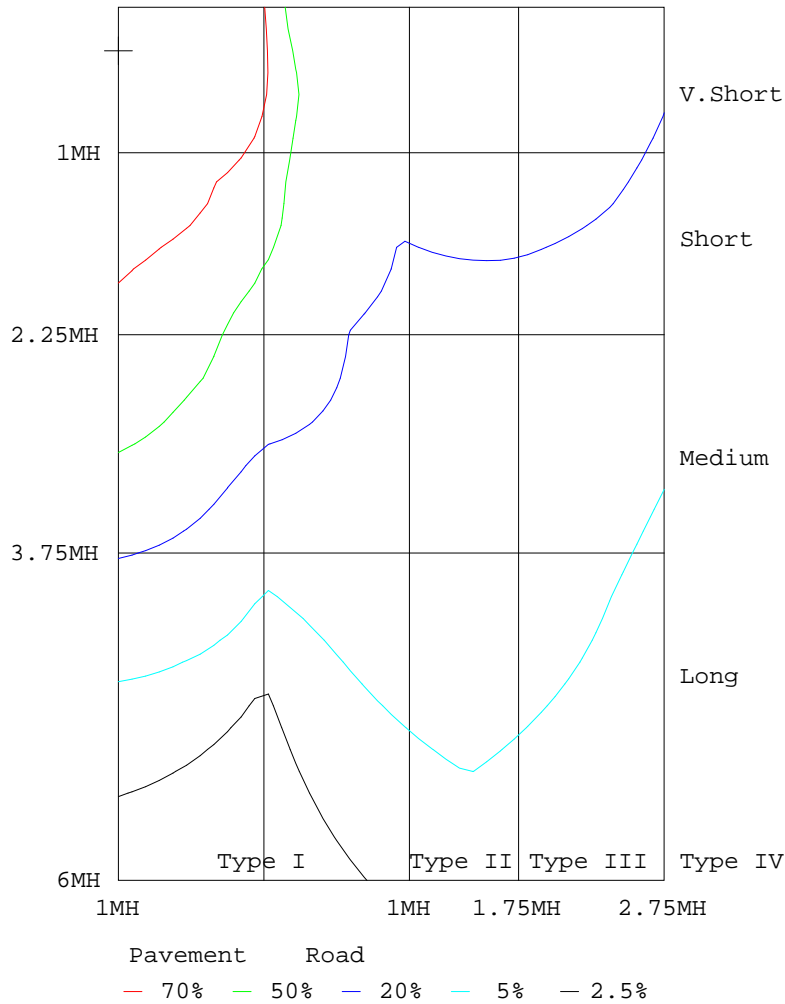
Checker: DENNY

Assessor: JOE

ROAD ISOCANDELA REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165	3165
5	3122	3269	3407	3543	3629	3696	3729	3716	3659	3574	3465	3328	3186	3034	2883	2747	2644	2572	2542
10	3081	3362	3621	3846	3982	4080	4117	4094	4025	3905	3717	3468	3197	2906	2621	2365	2179	2073	2037
15	3048	3440	3783	4020	4149	4249	4288	4267	4216	4096	3898	3589	3207	2806	2409	2079	1876	1781	1745
20	3031	3518	3909	4127	4228	4293	4335	4333	4286	4202	4038	3692	3214	2722	2238	1908	1749	1692	1668
25	3012	3571	3992	4179	4235	4298	4346	4341	4301	4264	4113	3760	3205	2640	2093	1811	1702	1691	1675
30	2970	3584	4002	4157	4212	4270	4334	4302	4279	4250	4111	3772	3173	2523	1966	1721	1738	1671	1625
35	2902	3542	3923	4097	4192	4281	4318	4316	4262	4205	4034	3729	3095	2361	1827	1694	1710	1612	1571
40	2773	3428	3792	4054	4198	4262	4299	4315	4272	4181	3935	3606	2966	2158	1656	1642	1705	1806	1834
45	2594	3241	3629	4024	4234	4411	4456	4454	4341	4157	3801	3400	2806	1942	1465	1530	1926	2161	2158
50	2411	2994	3428	3944	4336	4494	4490	4532	4462	4145	3663	3139	2626	1733	1282	1523	2116	2044	2007
55	2285	2830	3329	3882	4241	4108	3972	4090	4315	4087	3643	3055	2531	1537	1087	1586	1793	1837	1890
60	2104	2531	3236	3839	4043	3737	3430	3662	4122	4050	3545	2734	2236	1345	908	1499	1535	1705	1836
65	1823	2281	2953	3704	3519	2698	2282	2557	3351	3906	3197	2559	1945	1008	707	1102	1263	1507	1657
70	1371	2289	2836	3253	2394	1220	841	1036	2000	3175	3140	2479	1312	633	435	709	889	965	1027
75	498	1281	2725	2339	850	264	194	216	510	1927	2585	1154	297	444	321	299	399	414	268
80	97.4	150	1023	952	143	106	77.5	91.2	115	508	703	113	69.8	198	157	73.4	83.0	72.2	62.7
85	24.9	27.4	61.1	61.4	36.6	21.0	12.8	15.8	28.7	32.2	34.5	18.6	13.9	31.5	19.4	14.2	8.28	0.75	0.35
90	0.44	0.40	0.53	0.48	0.20	0.05	0.00	0.00	0.10	0.36	0.31	0.20	0.00	0.20	1.00	0.75	0.00	0.00	0.00
95	0.00	0.05	0.15	0.26	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.30	0.94	1.89	1.81	0.56	0.32	0.00
100	0.73	0.10	0.10	0.28	0.25	0.25	0.35	0.30	0.20	0.10	0.10	0.10	1.05	1.89	2.69	3.15	3.10	2.32	0.51
105	1.88	0.83	0.30	0.75	0.90	1.10	1.50	1.16	0.86	0.75	0.25	0.80	2.04	2.98	4.13	4.45	4.34	6.85	1.51
110	3.32	1.69	0.89	1.15	1.89	2.10	2.40	2.01	1.76	1.45	0.85	1.65	2.93	3.73	4.78	8.10	6.86	11.3	2.87
115	3.52	2.58	1.59	1.69	2.39	2.66	2.71	2.61	2.46	1.74	1.30	2.25	3.43	4.67	5.57	5.94	11.2	6.51	4.58
120	4.56	2.83	1.89	1.95	2.84	3.36	3.26	3.37	3.02	2.27	1.76	2.65	4.07	5.41	5.77	6.55	11.9	6.61	5.68
125	5.36	3.47	2.42	2.50	3.28	3.61	3.36	3.67	3.11	2.57	2.31	3.30	4.97	6.11	6.42	7.50	9.08	7.32	6.53
130	5.62	4.07	2.64	2.80	3.34	3.61	3.36	3.67	3.21	2.82	2.71	3.45	5.57	6.30	7.11	7.85	8.23	7.77	7.24
135	6.45	4.41	3.26	3.25	3.47	3.61	3.39	3.67	3.62	3.28	3.31	4.05	6.21	6.60	7.71	8.50	8.58	8.22	7.89
140	7.15	5.16	3.98	3.60	3.61	3.61	3.43	3.67	4.13	3.73	4.11	4.95	6.73	7.40	8.21	8.95	8.63	8.29	8.24
145	7.36	5.86	4.77	4.15	3.96	3.61	3.46	3.67	4.24	4.13	4.76	5.60	6.99	7.67	8.78	8.89	8.67	8.35	8.33
150	7.95	6.21	5.17	4.70	4.06	3.81	3.50	3.67	4.33	4.78	5.12	5.95	7.14	7.59	8.85	8.71	8.72	8.02	8.29
155	7.70	6.23	5.57	4.90	4.29	4.11	3.97	3.87	4.55	4.93	5.42	6.33	7.14	7.41	8.21	8.14	8.03	7.52	7.58
160	7.35	6.25	5.77	5.65	5.09	4.86	4.52	4.52	4.98	5.44	5.77	6.40	7.05	7.27	7.84	8.04	7.85	7.55	7.45
165	7.15	6.40	6.47	6.34	6.08	5.71	5.67	5.68	6.03	6.15	6.42	6.55	6.96	7.30	7.81	8.05	7.89	7.63	7.29
170	8.58	8.43	8.26	7.98	7.48	6.91	6.48	6.73	7.34	7.56	7.92	8.09	8.49	8.74	9.20	9.37	9.39	9.25	8.58
175	8.95	9.58	9.20	8.80	8.25	7.51	7.32	7.54	8.20	8.57	8.77	8.84	8.77	8.91	9.57	9.68	9.68	9.62	8.55
180	8.99	9.68	9.35	8.90	8.48	7.87	7.73	8.15	8.45	8.82	8.78	8.85	8.84	8.98	9.65	9.39	8.88	8.46	7.73

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-100W-SW-T3-30-70	WEIGHT:
SPEC.:100W 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	3165	3165	3165	3165	3165														
5	2557	2618	2709	2836	2977														
10	2068	2160	2316	2543	2804														
15	1768	1848	2020	2314	2668														
20	1674	1714	1840	2128	2562														
25	1674	1673	1745	1986	2466														
30	1649	1693	1683	1870	2346														
35	1576	1665	1682	1748	2192														
40	1785	1704	1652	1610	2007														
45	2148	1963	1609	1466	1811														
50	2022	2106	1663	1314	1606														
55	1838	1773	1718	1146	1395														
60	1728	1542	1489	1005	1186														
65	1554	1285	1142	832	981														
70	1004	931	786	528	641														
75	427	444	365	316	456														
80	76.0	96.2	96.9	143	273														
85	1.64	9.91	19.0	28.1	52.8														
90	0.00	0.00	0.50	0.90	0.40														
95	0.00	0.30	1.22	1.76	1.00														
100	0.55	1.36	2.27	2.66	2.16														
105	1.82	2.77	3.48	3.52	3.20														
110	3.48	4.08	4.64	4.87	4.25														
115	5.14	5.59	5.86	6.07	5.20														
120	6.49	6.89	7.22	6.88	6.00														
125	7.50	8.10	8.42	7.78	6.85														
130	8.25	9.01	9.08	8.23	7.45														
135	8.91	9.46	9.58	8.78	8.05														
140	8.91	9.59	9.91	9.28	8.65														
145	8.90	9.73	10.03	9.56	8.89														
150	8.85	9.55	9.88	9.55	8.74														
155	8.10	8.75	9.07	8.93	8.60														
160	7.55	8.23	8.85	8.83	8.50														
165	7.55	8.42	8.67	8.74	8.40														
170	9.00	8.77	9.39	9.84	9.33														
175	8.79	9.15	9.47	9.73	9.70														
180	7.69	8.20	8.67	8.93	8.90														

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