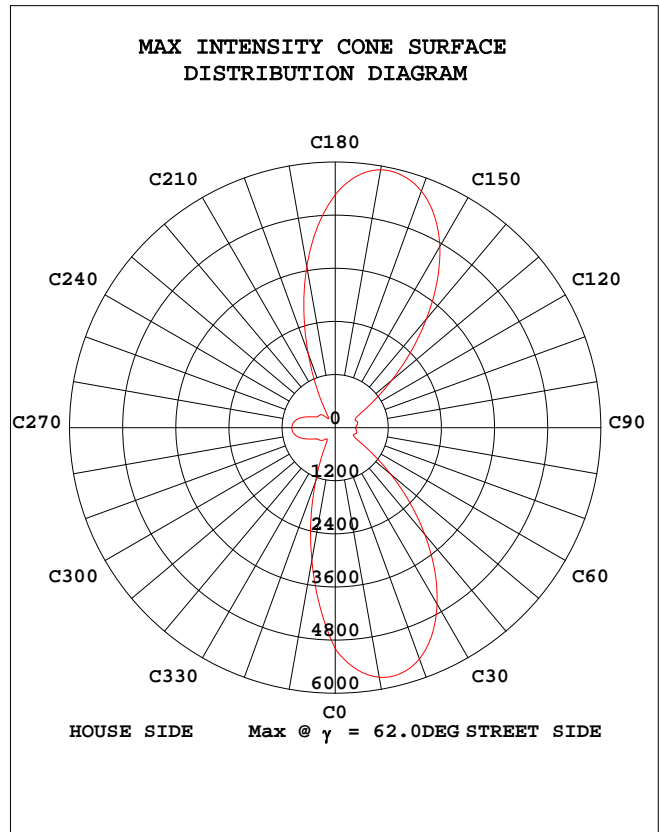
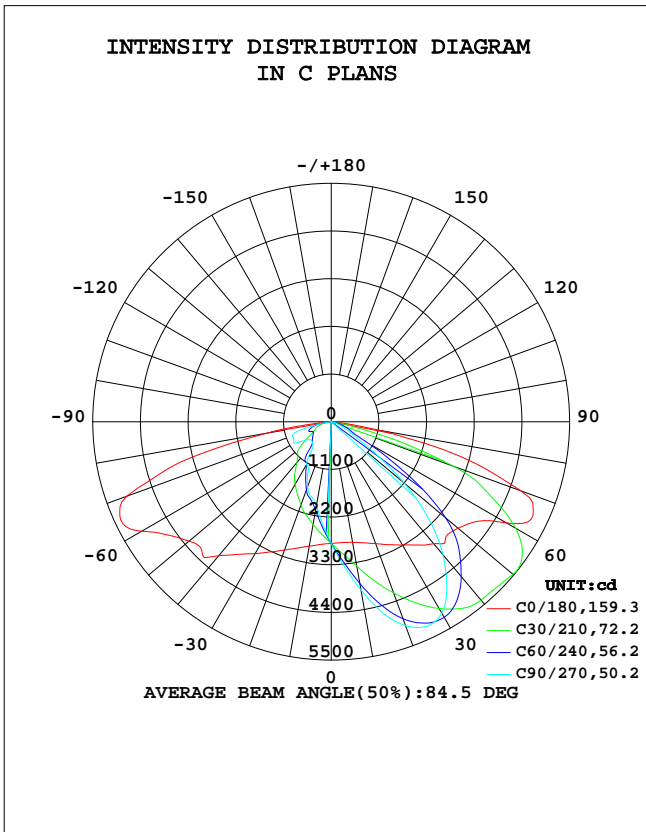


**STREETLIGHT PHOTOMETRIC TEST REPORT**

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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-T2-30-70		I <sub>max</sub> (cd)	5891	η street_up(%)	0.1
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	71.1
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12000	η house_up(%)	0.1
NOMINAL FLUX(lm)	12000	MAXIMUM @(C,γ )	165,62.0	η house_down(%)	28.7
LAMPS INSIDE	1	η up(%)	0.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.0	η down(%)	99.8	SLI	21.810



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 Operators: William  
 Test Date: 2019-08-21

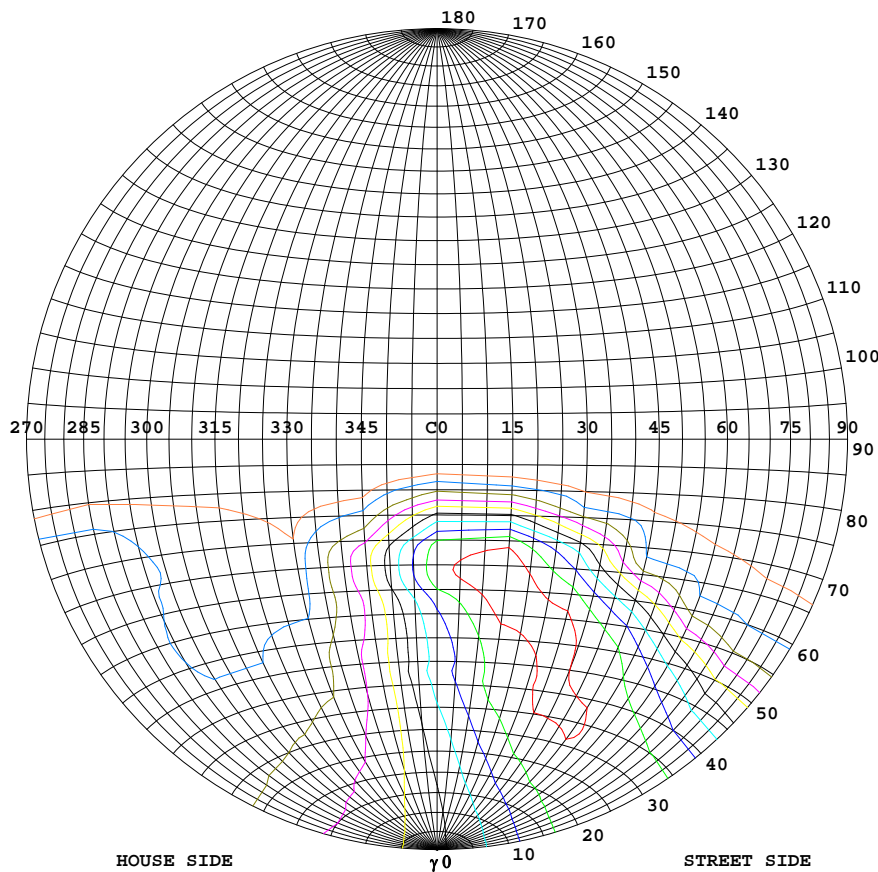
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



Classification:

IES:Type II - Short  
 CIE:Narrow - Intermediate  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:124.4cd/klm  
 Max.At90:0.2873cd/klm  
 Max.80-90:124.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5891
90%	5302
80%	4713
70%	4124
60%	3535
50%	2946
40%	2356
30%	1767
20%	1178
10%	589
5%	295

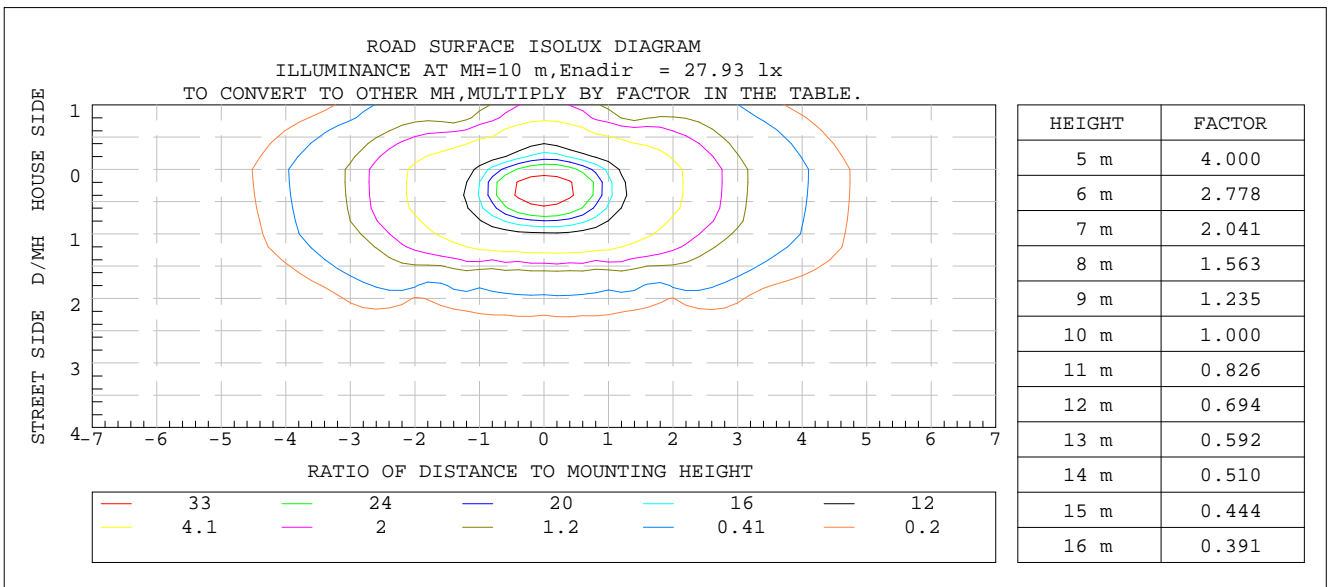
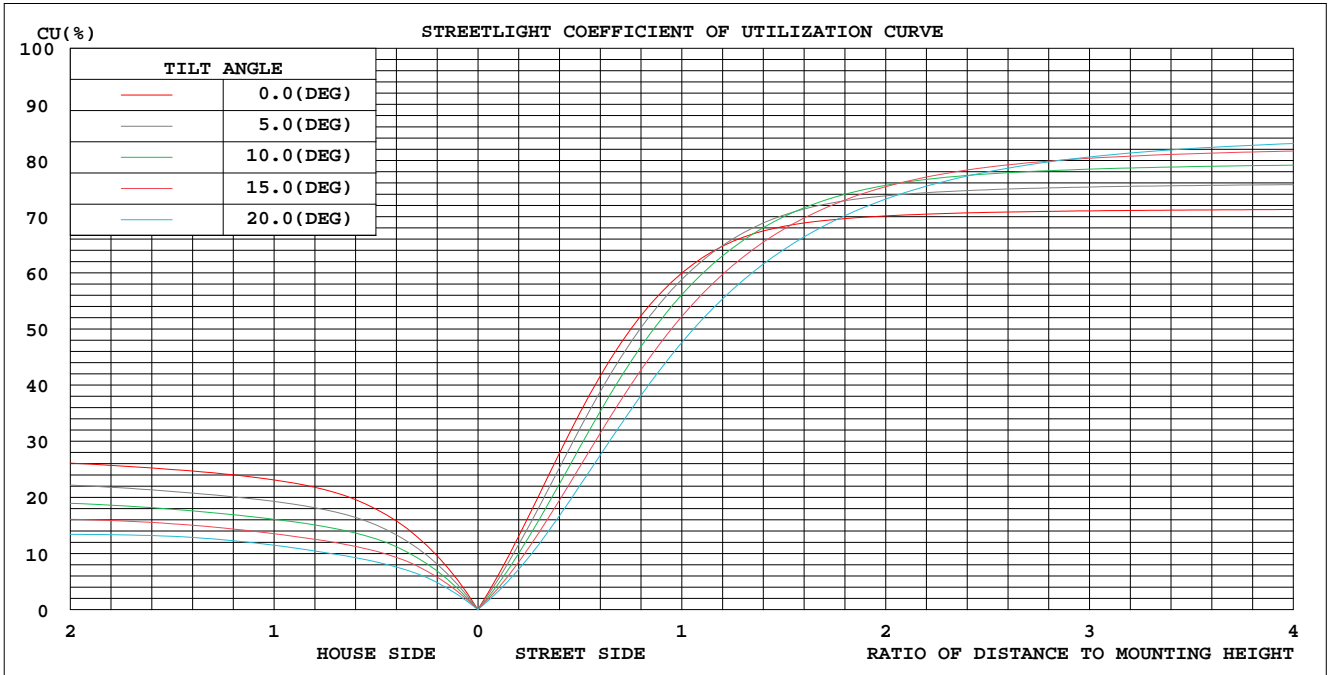
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 Operators:William  
 Test Date:2019-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 32.5DEG  
Operators: William  
Test Date: 2019-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
Humidity: 41.4%  
Test Distance: 26.000m [K=1.0000]  
Remarks:

Checker: DENNY

Assessor: JOE

**ZONAL FLUX DIAGRAM**

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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	2826	3619	3938	3619	2913	2216	1974	2162	0- 10	272.6	272.6	2.27,2.27
20	2992	4623	5004	4588	3149	1810	1601	1735	10- 20	867.2	1140	9.5,9.5
30	3284	5261	5094	5307	3512	1316	1138	1290	20- 30	1495	2635	22,22
40	3676	5248	4010	5388	4036	1042	666.9	1003	30- 40	1989	4625	38.5,38.5
50	3821	4786	2183	4958	4286	581.0	647.3	561.0	40- 50	2229	6854	57.1,57.1
60	4669	2983	546.9	3021	5052	440.1	984.6	429.4	50- 60	2135	8988	74.9,74.9
70	4654	504.7	203.4	542.8	5022	380.8	961.6	430.3	60- 70	1863	10851	90.4,90.4
80	1073	174.8	50.57	203.3	1493	259.9	269.0	189.8	70- 80	1018	11869	98.9,98.9
90	2.639	0.4048	0.5101	0.6061	3.448	0	0	0	80- 90	104.8	11974	99.8,99.8
100	5.660	0	0.2031	0	4.621	0.6132	0	0.2051	90-100	0.9338	11975	99.8,99.8
110	9.735	0.0505	0.9650	0.0508	7.133	4.896	0.1523	2.592	100-110	2.468	11977	99.8,99.8
120	10.69	0.4541	0.9382	0.5589	8.687	6.014	1.272	5.293	110-120	3.628	11981	99.8,99.8
130	10.19	1.057	0.9373	1.016	8.836	8.181	3.455	8.439	120-130	4.248	11985	99.9,99.9
140	9.986	2.469	1.054	2.383	8.453	10.65	6.509	11.34	130-140	4.534	11989	99.9,99.9
150	9.489	3.879	2.434	3.810	8.133	10.59	9.112	11.43	140-150	4.383	11994	99.9,99.9
160	7.582	4.995	4.061	4.927	7.179	8.499	8.527	9.345	150-160	3.264	11997	100,100
170	8.628	7.417	5.889	7.212	8.690	9.994	9.343	10.22	160-170	2.077	11999	100,100
180	8.786	8.934	7.770	8.983	8.786	9.135	7.819	8.534	170-180	0.8287	12000	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 Operators:William  
 Test Date:2019-08-21

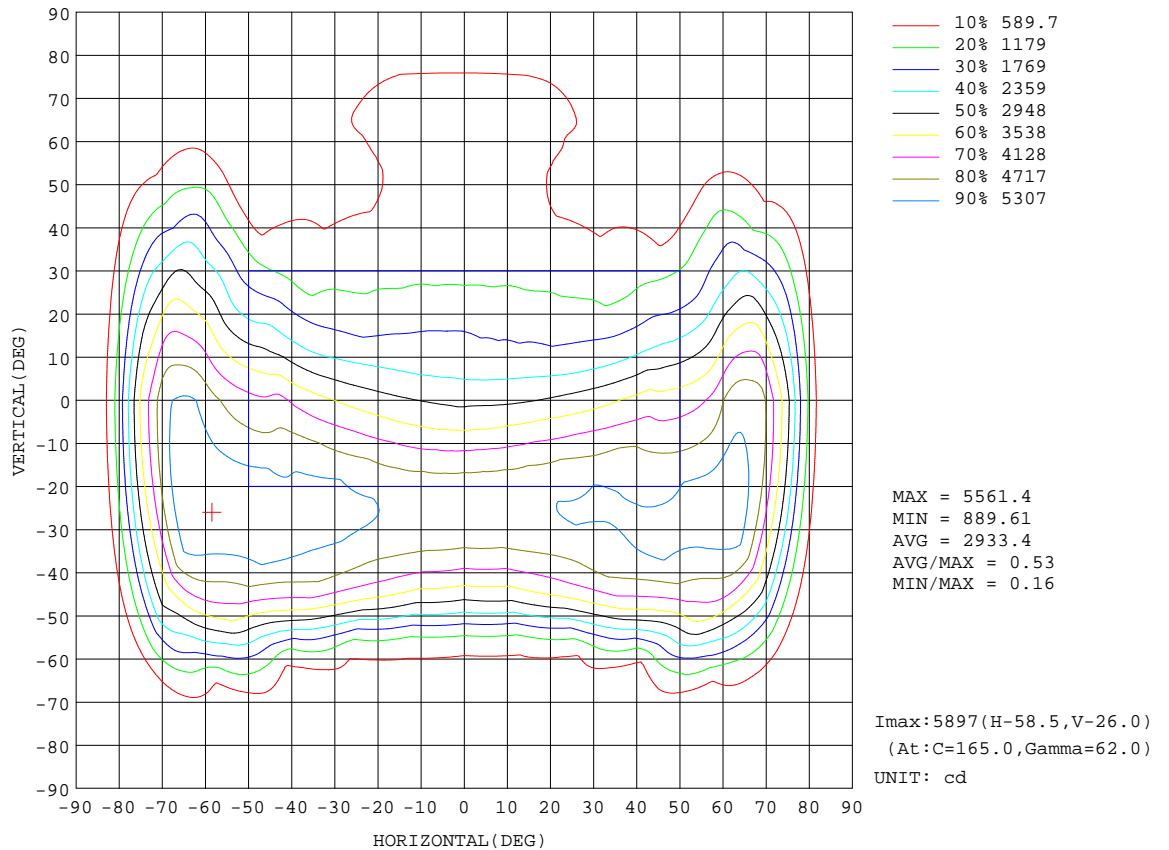
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

**ISOCANDELA DIAGRAM**

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



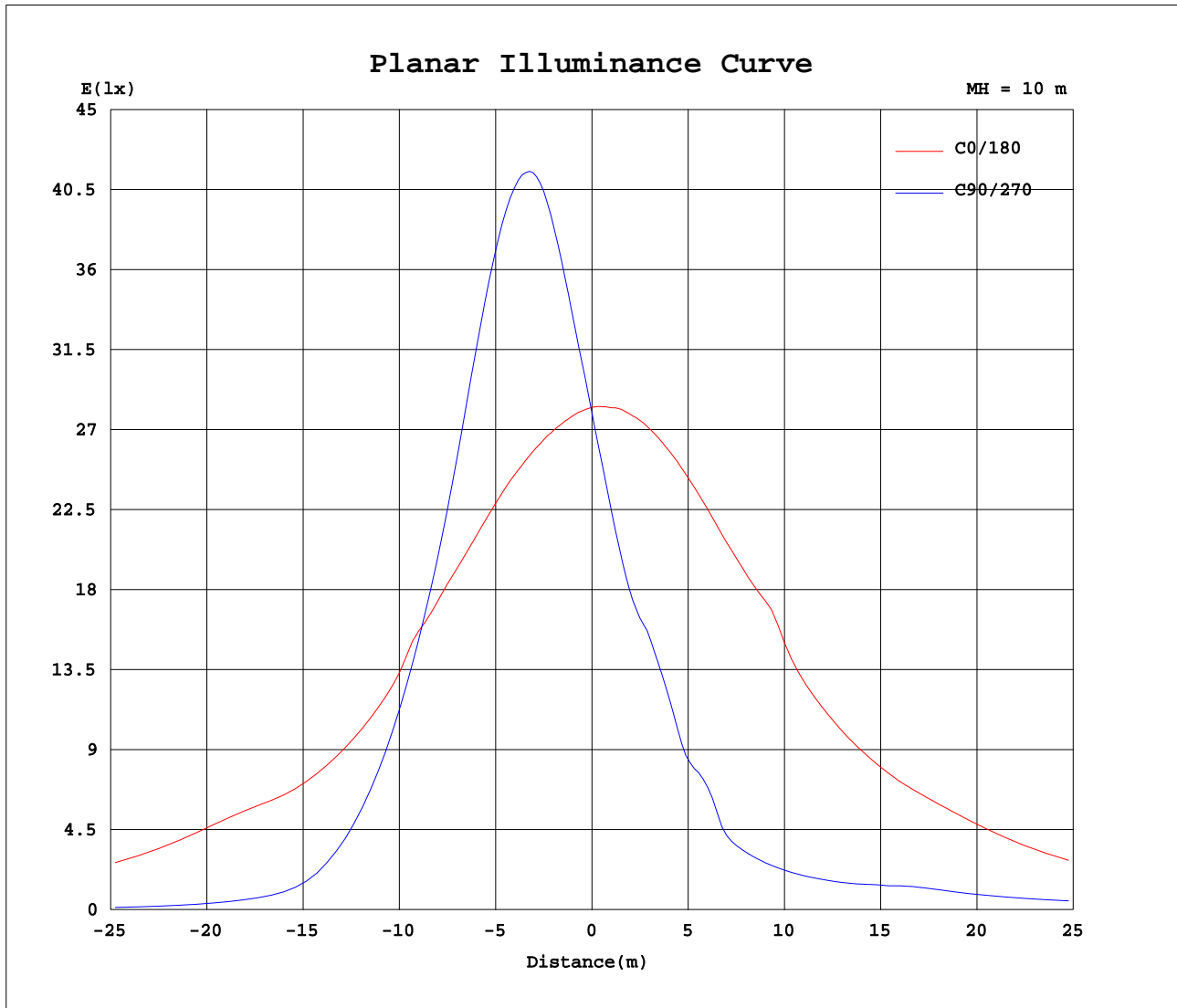
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 Operators: William  
 Test Date: 2019-08-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 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: 41.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

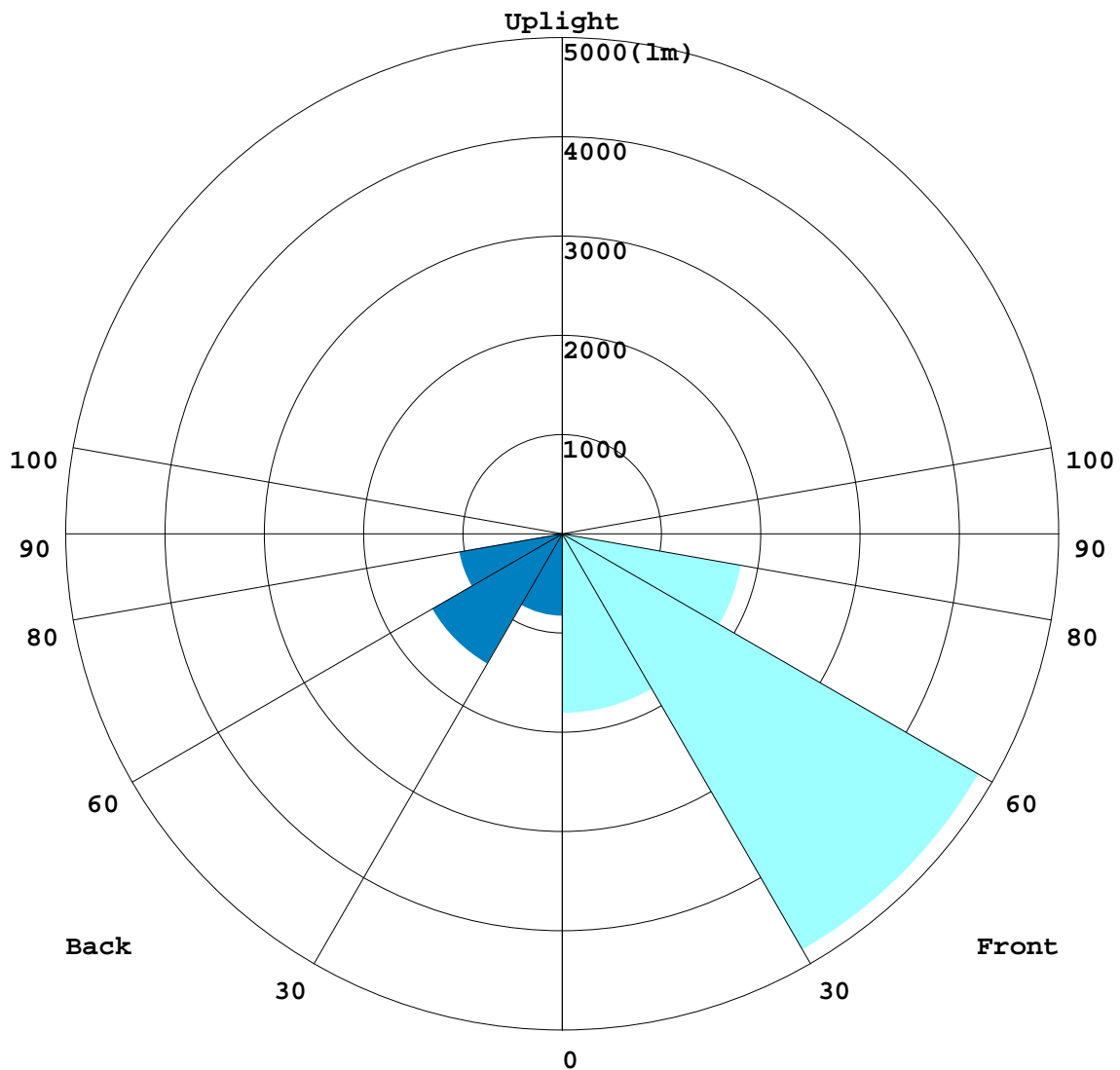
Checker: DENNY

Assessor: JOE

**LCS REPORT**

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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: 32.5DEG  
 Operators:William  
 Test Date:2019-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

BUG REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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)	1807.3	15.1
FM - Front-Medium(30-60)	4841.3	40.3
FH - Front-High(60-80)	1829.4	15.2
FVH - Front-Very High(80-90)	54.461	0.5
Total Forward Light	8540.9	71.2

BL - Back-Low(0-30)	827.8	6.9
BM - Back-Medium(30-60)	1511.8	12.6
BH - Back-High(60-80)	1051.2	8.8
BVH - Back-Very High(80-90)	50.306	0.4
Total Back Light	3459.1	28.8

UL - Uplight-Low(90-100)	0.93376	0.0
UH - Uplight-High(100-180)	25.431	0.2
Total Up Light	26.364	0.2

BUG(Back,Up,Glare) Rating	B3-U2-G3
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3441.1	18	3459.1
Street Side	8532.5	8.3648	8540.9

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 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: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

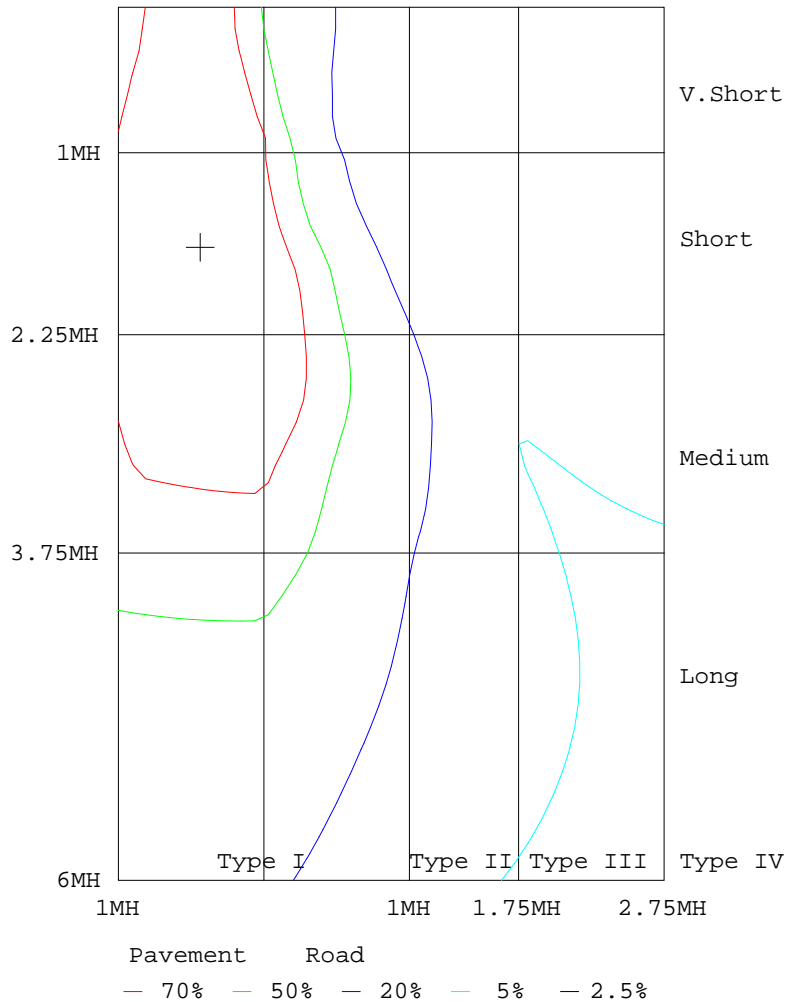
Assessor: JOE



ROAD ISOCANDELA REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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: 32.5DEG  
 Operators:William  
 Test Date:2019-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808	2808
5	2801	2932	3058	3169	3244	3306	3327	3308	3264	3181	3084	2969	2840	2717	2602	2505	2426	2375	2356
10	2826	3108	3381	3619	3786	3907	3938	3896	3794	3619	3404	3165	2913	2649	2404	2216	2086	2000	1974
15	2892	3354	3790	4124	4353	4516	4555	4490	4351	4100	3792	3407	3018	2596	2231	1982	1850	1801	1790
20	2992	3647	4201	4623	4834	4965	5004	4949	4832	4588	4214	3707	3149	2550	2047	1810	1677	1612	1601
25	3128	3936	4606	5023	5128	5174	5207	5195	5135	4999	4654	4044	3314	2490	1844	1587	1397	1308	1261
30	3284	4243	4974	5261	5210	5102	5094	5150	5270	5307	5060	4384	3512	2423	1669	1316	1146	1144	1138
35	3472	4560	5256	5344	5047	4738	4649	4821	5134	5441	5400	4750	3732	2370	1476	1088	1060	833	761
40	3676	4833	5374	5248	4665	4135	4010	4252	4802	5388	5551	5115	4036	2390	1235	1042	699	681	667
45	3744	4884	5400	5038	4170	3406	3198	3513	4338	5260	5606	5202	4219	2469	1089	816	618	654	632
50	3821	5071	5478	4786	3439	2396	2183	2511	3567	4958	5651	5412	4286	2412	978	581	566	662	647
55	4033	5402	5379	4150	2231	1257	1098	1344	2311	4264	5518	5666	4568	2363	688	510	513	684	757
60	4669	5690	4911	2983	934	586	547	633	977	3021	5032	5874	5052	2664	486	440	480	794	985
65	5133	5673	4064	1384	498	382	333	393	528	1426	4170	5798	5360	2685	408	381	540	826	955
70	4654	4966	3003	505	347	237	203	244	358	543	2958	5265	5022	2443	347	381	536	781	962
75	3064	3031	1230	351	209	133	112	138	217	377	1230	3425	3615	1325	249	464	445	644	727
80	1073	808	285	175	97.6	59.1	50.6	63.3	106	203	379	1429	1493	386	142	260	256	297	269
85	97.8	81.4	47.3	31.6	21.2	13.9	11.1	15.9	30.0	52.1	92.1	145	206	57.2	41.4	67.7	40.1	9.18	0.25
90	2.64	1.65	0.46	0.40	0.40	0.46	0.51	0.56	0.53	0.61	1.24	2.96	3.45	2.50	0.55	0.00	0.00	0.00	0.00
95	3.46	1.65	0.10	0.00	0.00	0.10	0.21	0.10	0.05	0.00	0.05	1.53	3.16	2.91	0.86	0.00	0.00	0.00	0.00
100	5.66	3.05	0.05	0.00	0.00	0.10	0.20	0.25	0.00	0.00	0.00	2.01	4.62	4.83	2.57	0.61	0.86	1.96	0.00
105	7.58	4.31	0.70	0.05	0.10	0.40	0.96	0.46	0.10	0.00	0.30	3.43	6.08	6.42	4.83	1.93	1.11	7.18	0.00
110	9.74	5.61	1.50	0.05	0.10	0.78	0.97	0.91	0.10	0.05	1.01	4.84	7.13	7.78	6.23	4.90	3.68	4.69	0.15
115	10.4	5.87	1.76	0.26	0.25	0.87	0.95	0.93	0.30	0.26	1.56	5.24	8.18	8.88	7.03	5.15	5.11	2.58	0.66
120	10.7	6.30	2.26	0.45	0.35	0.89	0.94	0.96	0.39	0.56	1.65	5.65	8.69	9.68	7.33	6.01	5.34	3.29	1.27
125	10.7	6.50	2.54	0.92	0.40	0.91	0.92	0.99	0.56	0.86	1.92	5.67	8.89	9.71	8.39	7.22	5.80	3.95	2.14
130	10.2	6.37	2.60	1.06	0.73	0.93	0.94	1.02	0.91	1.02	2.33	5.69	8.84	9.74	9.50	8.18	6.81	4.97	3.46
135	10.1	6.37	2.66	1.67	1.01	0.96	1.00	1.05	1.06	1.73	2.68	5.74	8.58	9.77	10.4	9.59	7.97	6.28	4.99
140	9.99	6.45	3.36	2.47	1.61	1.57	1.05	1.57	1.68	2.38	3.39	5.85	8.45	9.81	10.8	10.7	9.27	7.60	6.51
145	9.91	6.72	4.26	3.18	2.46	1.92	1.73	1.93	2.53	3.05	4.20	6.25	8.30	9.68	11.0	11.3	9.90	9.02	8.49
150	9.49	6.66	4.81	3.88	3.07	2.58	2.43	2.49	2.94	3.81	4.91	6.54	8.13	8.98	10.4	10.6	10.2	9.30	9.11
155	8.34	6.47	5.07	4.29	3.63	3.29	3.15	3.25	3.65	4.27	5.06	6.70	7.33	8.02	9.09	9.54	9.37	8.96	9.09
160	7.58	6.42	5.67	4.99	4.43	4.10	4.06	3.96	4.42	4.93	5.56	6.87	7.18	7.27	8.03	8.50	8.51	8.34	8.53
165	7.08	6.42	6.27	5.80	5.64	5.16	4.98	5.03	5.64	5.74	6.02	7.04	7.18	7.42	8.04	8.43	8.38	8.26	8.18
170	8.63	8.22	7.92	7.42	6.90	6.27	5.89	6.30	6.80	7.21	7.39	7.57	8.69	8.88	9.49	9.99	9.45	9.76	9.34
175	8.89	9.27	8.93	8.43	7.96	7.38	7.21	7.26	7.81	8.11	8.30	8.22	8.76	8.83	9.74	9.95	9.65	9.72	9.24
180	8.79	9.43	9.09	8.93	8.47	7.75	7.77	8.34	8.48	8.98	8.80	8.53	8.79	8.83	9.44	9.14	8.97	8.51	7.82

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 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: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T2-30-70	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	2808	2808	2808	2808	2808														
5	2360	2405	2471	2564	2677														
10	1983	2048	2162	2338	2570														
15	1777	1801	1897	2120	2472														
20	1601	1637	1735	1907	2371														
25	1307	1404	1529	1735	2252														
30	1138	1130	1290	1555	2158														
35	798	1020	1071	1341	2079														
40	675	673	1003	1135	2053														
45	653	610	673	1011	2064														
50	673	560	561	883	1968														
55	703	513	495	598	1907														
60	831	494	429	436	2021														
65	829	547	379	378	2168														
70	805	535	430	311	1678														
75	657	446	400	215	733														
80	279	219	190	115	183														
85	0.05	21.5	40.2	21.4	26.7														
90	0.00	0.00	0.00	0.26	1.67														
95	0.00	0.00	0.00	0.91	2.99														
100	0.00	0.00	0.21	2.08	4.39														
105	0.00	0.15	1.17	3.39	5.55														
110	0.20	0.76	2.59	4.71	6.91														
115	0.91	2.09	3.82	6.08	8.28														
120	2.04	3.56	5.29	7.29	9.39														
125	3.41	5.03	6.97	8.91	10.6														
130	4.78	6.56	8.44	10.1	11.2														
135	6.41	8.24	10.1	11.0	11.2														
140	7.88	9.76	11.3	11.4	11.1														
145	9.35	10.5	11.7	11.4	11.0														
150	9.67	10.7	11.4	11.3	10.5														
155	9.65	9.95	10.3	10.1	9.23														
160	8.99	9.24	9.34	9.20	8.94														
165	8.49	8.84	9.20	9.34	8.86														
170	9.86	9.75	10.2	10.3	9.94														
175	9.35	9.80	9.75	10.3	9.64														
180	8.03	8.22	8.53	8.85	8.83														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 32.5DEG  
 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: 41.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Checker: DENNY

Assessor: JOE