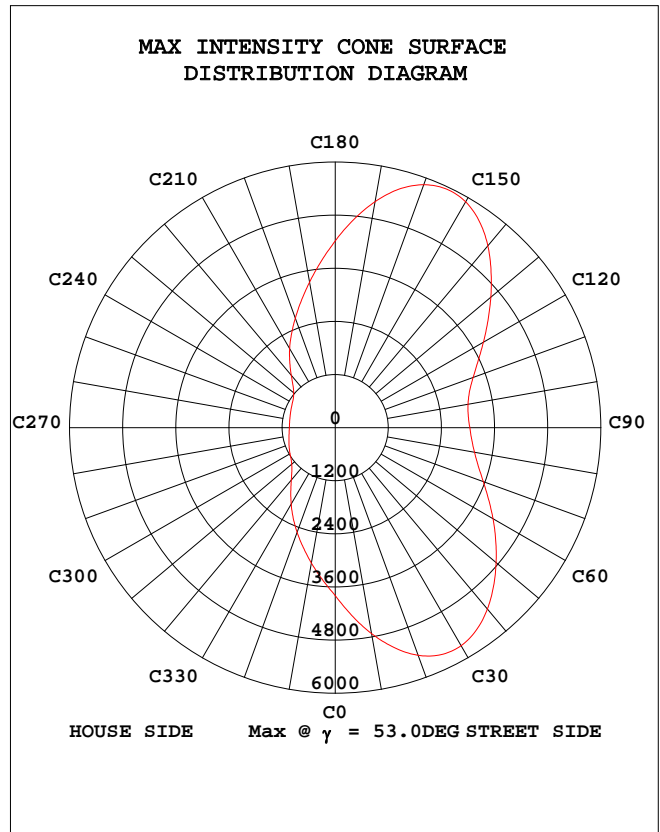
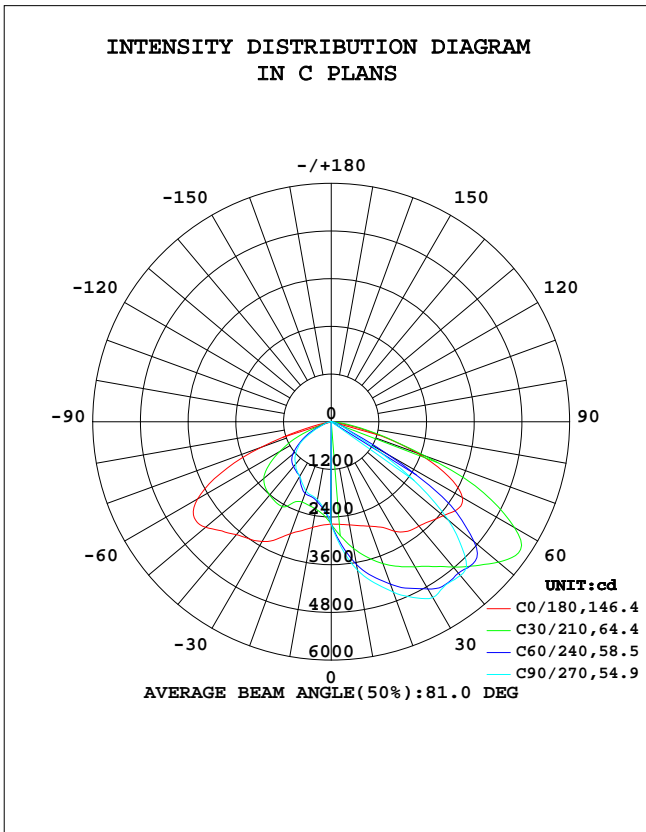


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	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-T1-30-70		I _{max} (cd)	5892	η street_up(%)	0.1
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	68.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12000	η house_up(%)	0.1
NOMINAL FLUX(lm)	12000	MAXIMUM @(C,γ)	150,53.0	η house_down(%)	31.5
LAMPS INSIDE	1	η up(%)	0.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.8	SLI	19.131



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 Operators:William
 Test Date:2019-08-21

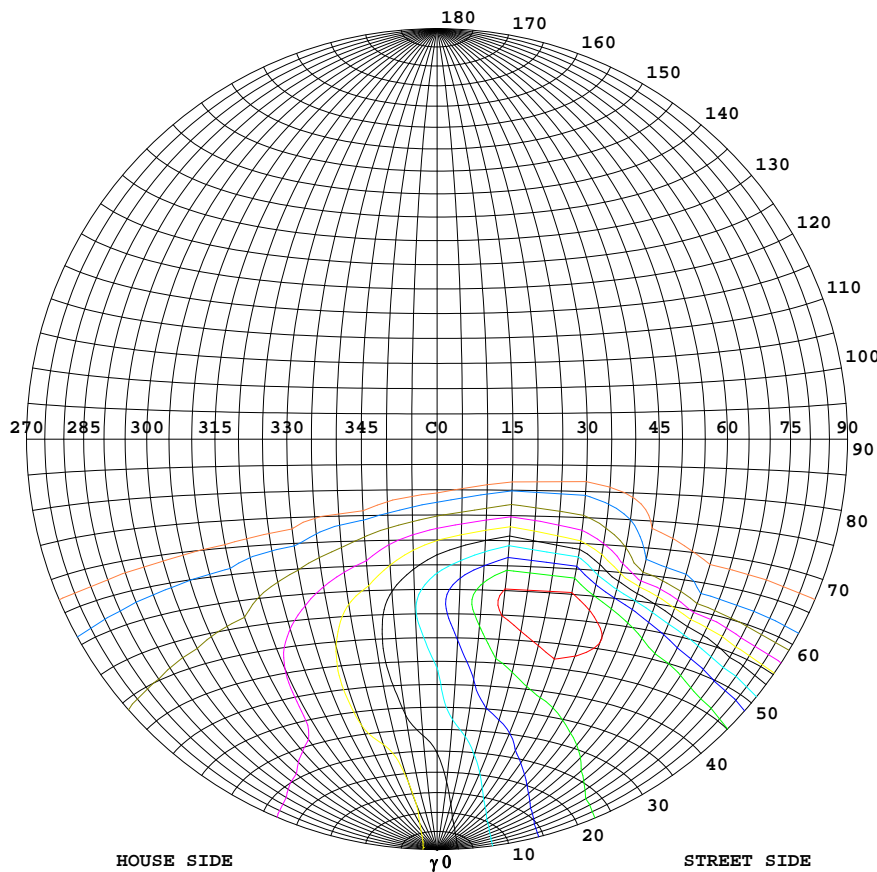
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 35.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Checker: DENNY

Assessor: JOE

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



Classification:

IES:Type VS - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:46.03cd/klm
 Max.At90:0.1231cd/klm
 Max.80-90:46.03cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5892
90%	5303
80%	4714
70%	4124
60%	3535
50%	2946
40%	2357
30%	1768
20%	1178
10%	589
5%	295

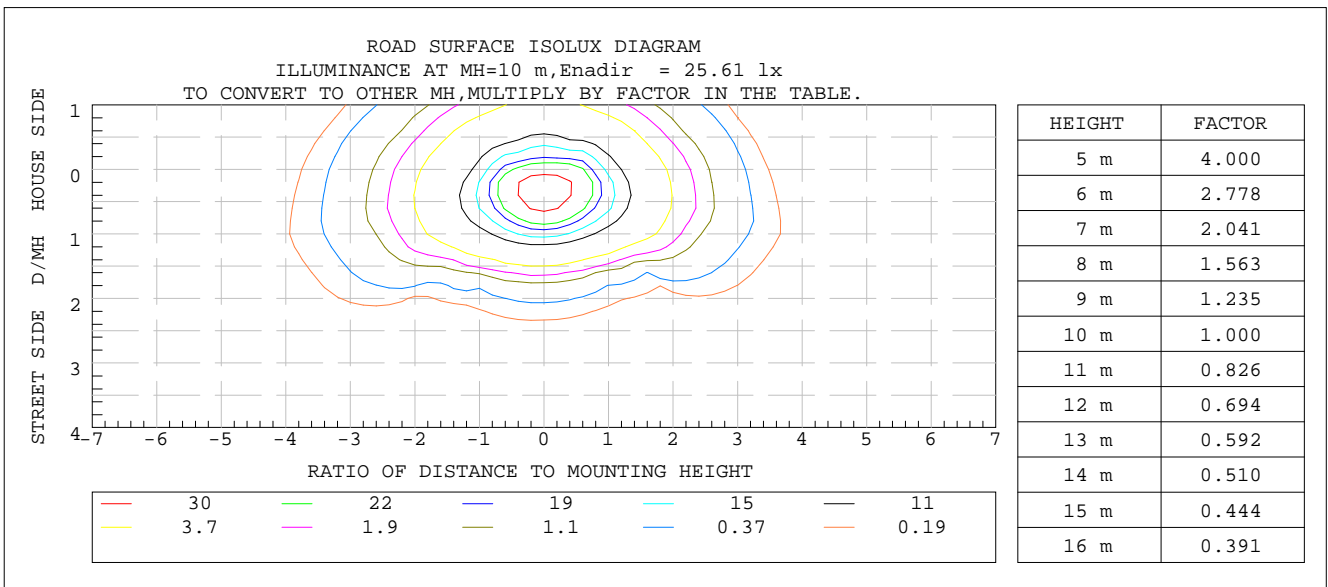
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 35.4%
 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: 33.0DEG
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: 35.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

Checker: DENNY

Assessor: JOE

ZONAL FLUX DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	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	2637	3493	3789	3496	2702	2119	1997	2102	0- 10	257.8	257.8	2.15,2.15
20	2797	4111	4560	4168	2999	1996	1856	1991	10- 20	833.7	1091	9.1,9.1
30	3182	4564	5107	4696	3479	1815	1589	1823	20- 30	1478	2569	21.4,21.4
40	3430	5064	5055	5155	3711	1665	1398	1625	30- 40	2118	4688	39.1,39.1
50	3682	5141	3839	5224	4131	1489	1145	1503	40- 50	2656	7343	61.2,61.2
60	3812	3529	917.1	2862	3884	933.4	662.8	1015	50- 60	2610	9953	82.9,82.9
70	2307	440.7	202.1	331.3	1865	272.8	214.3	333.4	60- 70	1515	11468	95.6,95.6
80	211.2	124.0	47.87	78.42	68.75	67.00	36.92	90.75	70- 80	468.1	11936	99.5,99.5
90	1.477	0.0259	0	0	0.2395	0	0	0	80- 90	37.68	11974	99.8,99.8
100	1.520	0	0	0	2.235	0.5309	0	0	90-100	0.2908	11974	99.8,99.8
110	5.311	0.6707	0.0956	0.8237	5.134	3.940	0.4361	2.188	100-110	1.541	11976	99.8,99.8
120	7.691	1.676	0.9161	1.935	7.411	6.336	2.369	5.578	110-120	3.368	11979	99.8,99.8
130	9.119	3.116	1.698	3.127	8.387	8.831	5.558	9.013	120-130	4.781	11984	99.9,99.9
140	9.691	3.981	2.463	4.164	8.034	10.62	8.507	11.63	130-140	5.276	11989	99.9,99.9
150	9.072	4.940	3.330	4.844	7.659	10.12	9.848	11.24	140-150	4.794	11994	99.9,99.9
160	7.270	5.415	4.681	5.132	6.717	7.961	7.915	9.011	150-160	3.307	11997	100,100
170	8.207	7.519	6.273	7.070	8.044	9.259	8.511	9.240	160-170	2.003	11999	100,100
180	8.407	8.536	7.147	8.625	8.217	8.732	7.331	8.132	170-180	0.7910	12000	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 Operators:William
 Test Date:2019-08-21

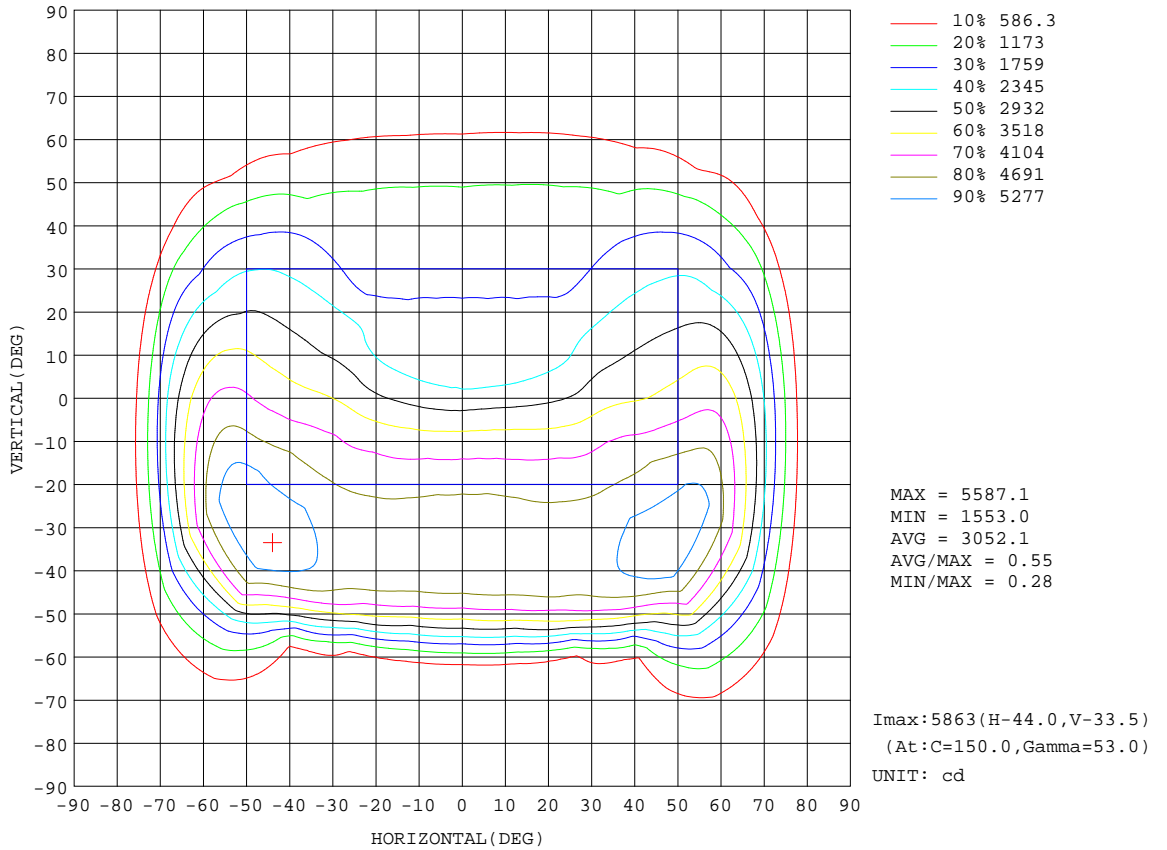
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 35.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Checker: DENNY

Assessor: JOE

ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	WEIGHT:
SPEC.:100W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



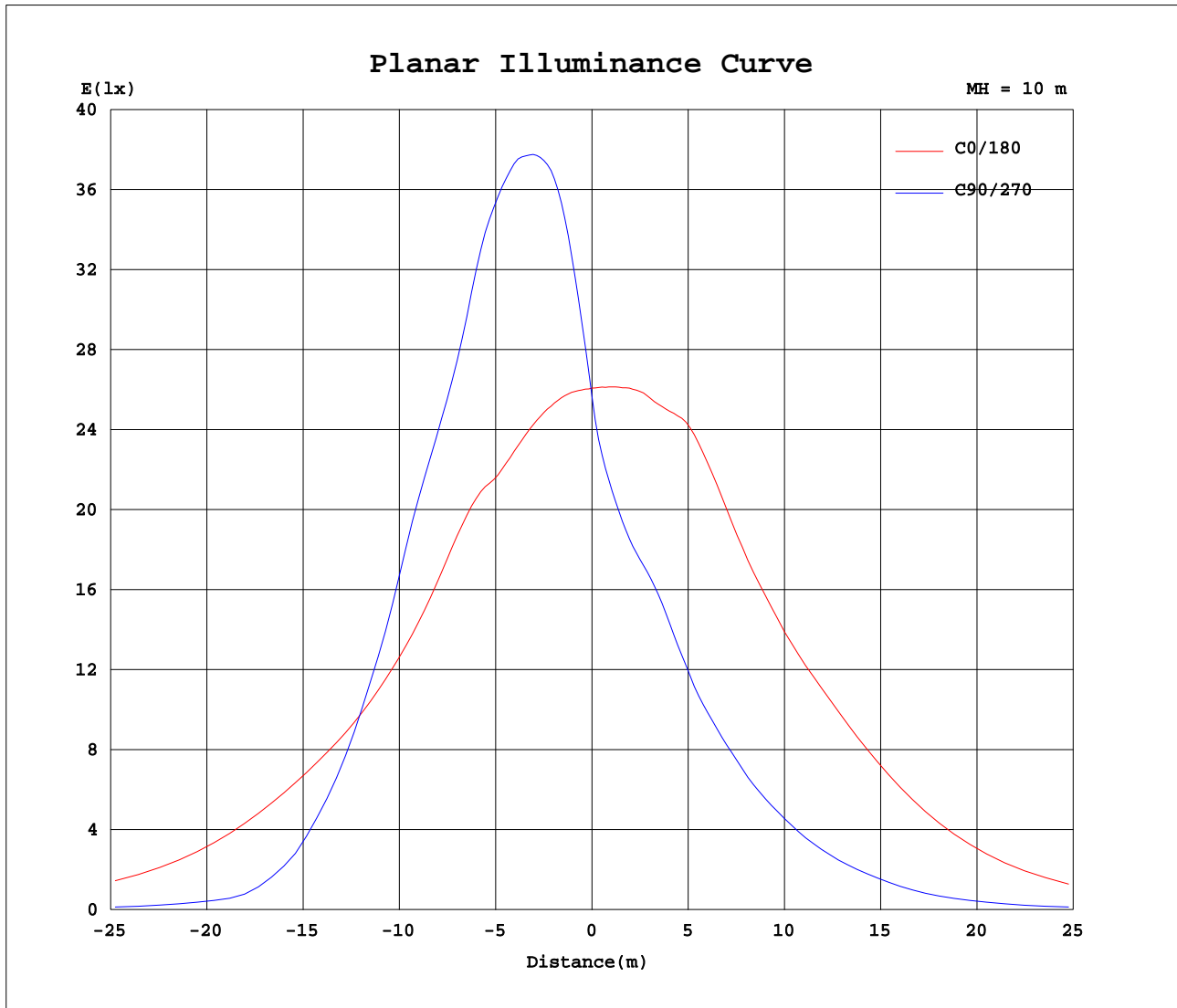
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 Operators:William
 Test Date:2019-08-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.404.7
 Humidity: 35.4%
 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: 33.0DEG
 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: 35.4%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

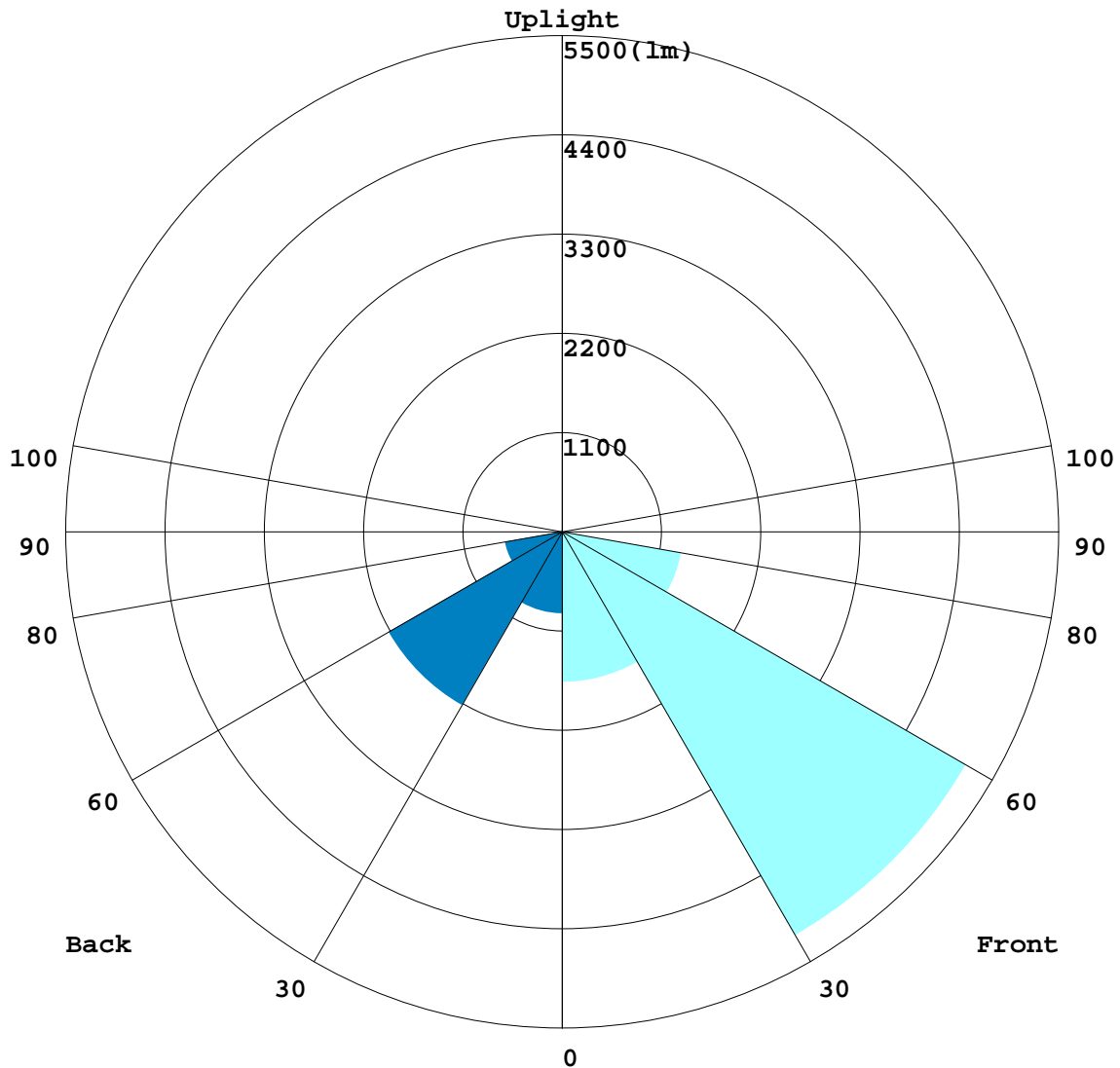
Checker: DENNY

Assessor: JOE

LCS REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	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: 33.0DEG
 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: 35.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Checker: DENNY

Assessor: JOE

BUG REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	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)	1665.3	13.9
FM - Front-Medium(30-60)	5162.6	43.0
FH - Front-High(60-80)	1338.8	11.2
FVH - Front-Very High(80-90)	25.676	0.2
Total Forward Light	8201.3	68.3

BL - Back-Low(0-30)	904.12	7.5
BM - Back-Medium(30-60)	2220.8	18.5
BH - Back-High(60-80)	644.51	5.4
BVH - Back-Very High(80-90)	12.005	0.1
Total Back Light	3798.7	31.7

UL - Uplight-Low(90-100)	0.29075	0.0
UH - Uplight-High(100-180)	25.861	0.2
Total Up Light	26.152	0.2

BUG(Back,Up,Glare) Rating	B2-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3781.4	17.309	3798.7
Street Side	8192.4	8.8424	8201.3

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 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: 35.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

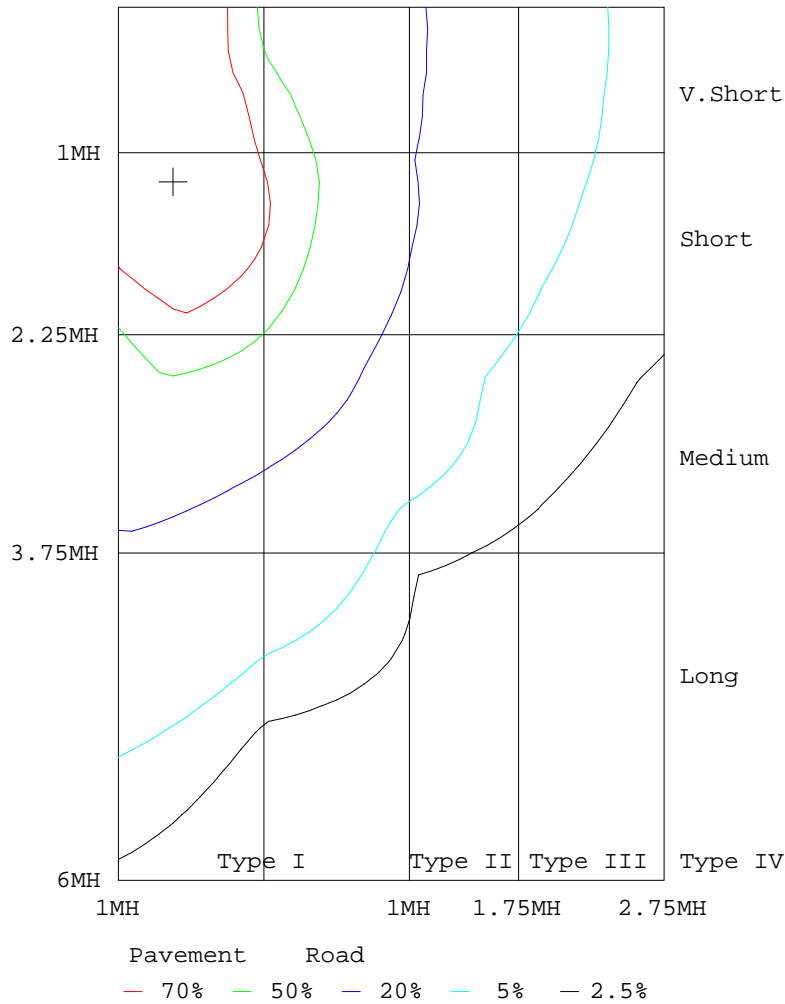
Checker: DENNY

Assessor: JOE

ROAD ISOCANDELA REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-100W-SW-T1-30-70	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: 33.0DEG
 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: 35.4%
 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-T1-30-70	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	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579	2579
5	2592	2759	2905	3040	3125	3194	3218	3200	3145	3047	2920	2771	2614	2467	2348	2266	2221	2194	2186
10	2637	2959	3241	3493	3644	3760	3789	3753	3661	3496	3272	2996	2702	2430	2235	2119	2044	2007	1997
15	2707	3140	3533	3848	4025	4158	4196	4155	4066	3878	3609	3243	2835	2455	2179	2028	1953	1929	1921
20	2797	3320	3800	4111	4346	4507	4560	4521	4379	4168	3919	3499	2999	2526	2151	1996	1921	1883	1856
25	2927	3527	4015	4352	4623	4824	4882	4835	4663	4432	4171	3781	3265	2754	2241	1946	1784	1731	1719
30	3182	3786	4218	4564	4860	5066	5107	5065	4927	4696	4412	4080	3479	2904	2466	1815	1588	1578	1589
35	3363	4078	4451	4833	5002	5036	5019	5035	5039	4980	4685	4366	3601	2947	2458	1683	1534	1508	1505
40	3430	4354	4770	5064	4976	5031	5055	5053	5018	5155	5057	4625	3711	3019	2413	1665	1474	1422	1398
45	3533	4601	5128	5121	5049	4920	4751	4837	5043	5203	5414	4952	3887	3061	2346	1622	1404	1328	1296
50	3682	4941	5495	5141	4694	4108	3839	3985	4447	5224	5791	5319	4131	3058	2217	1489	1259	1171	1145
55	3860	5264	5752	4829	3673	2715	2451	2535	3276	4591	5816	5628	4211	2843	1924	1230	1019	969	960
60	3812	5286	5322	3529	1609	1098	917	945	1270	2862	5068	5225	3884	2375	1495	933	769	683	663
65	3257	4465	4228	1324	434	429	397	397	393	665	3740	4220	3069	1714	1024	588	484	421	394
70	2307	3215	2492	441	232	207	202	201	212	331	1761	2633	1865	1033	391	273	222	216	214
75	1115	1681	1247	257	144	129	116	118	125	191	821	1214	672	212	158	144	146	146	140
80	211	552	494	124	66.2	57.3	47.9	50.3	53.1	78.4	272	250	68.8	74.6	82.3	67.0	60.8	59.0	36.9
85	30.3	47.1	78.3	29.3	16.3	12.5	8.47	9.00	8.93	11.7	23.6	17.0	10.4	13.6	13.7	8.84	5.95	0.00	0.00
90	1.48	1.27	0.46	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.24	0.43	0.01	0.00	0.00	0.00	0.00
95	0.24	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1.00	1.38	0.77	0.00	0.00	0.01	0.00
100	1.52	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.77	2.24	3.00	2.15	0.53	0.44	1.17	0.00
105	3.32	1.66	0.70	0.05	0.00	0.00	0.00	0.00	0.05	0.14	0.87	2.15	3.76	4.72	4.38	1.79	1.15	2.04	0.00
110	5.31	3.09	1.57	0.67	0.19	0.05	0.10	0.19	0.43	0.82	1.83	3.45	5.13	6.29	5.77	3.94	2.50	2.18	0.44
115	6.32	4.14	2.38	1.05	0.76	0.57	0.43	0.68	1.01	1.36	2.51	4.66	6.41	7.57	6.61	5.09	5.09	2.51	1.45
120	7.69	5.42	3.23	1.68	1.15	1.06	0.92	1.06	1.59	1.94	3.18	5.43	7.41	8.66	7.09	6.34	7.70	3.67	2.37
125	8.93	6.33	3.85	2.40	1.77	1.68	1.40	1.69	2.03	2.57	3.86	6.15	8.22	9.23	8.19	7.73	7.18	5.21	3.72
130	9.12	6.61	4.04	3.12	2.34	2.02	1.70	2.36	2.42	3.13	4.19	6.21	8.39	9.32	9.52	8.83	7.90	6.46	5.56
135	9.35	6.90	4.62	3.45	2.77	2.49	2.17	2.66	3.14	3.73	4.68	6.23	8.30	9.30	10.2	10.0	9.14	8.04	7.15
140	9.69	7.09	5.13	3.98	3.34	3.22	2.46	3.14	3.82	4.16	5.11	6.53	8.03	9.29	10.4	10.6	10.2	9.11	8.51
145	9.64	7.22	5.56	4.65	3.92	3.42	3.14	3.43	4.16	4.65	5.49	6.57	7.90	9.18	10.5	10.7	10.3	9.87	9.95
150	9.07	7.19	5.71	4.94	4.16	3.90	3.33	3.87	4.30	4.84	5.65	6.55	7.66	8.42	9.99	10.1	10.0	9.43	9.85
155	7.90	6.42	5.71	5.19	4.54	4.14	3.91	3.91	4.64	4.90	5.82	6.54	6.93	7.71	8.56	8.92	8.89	8.57	8.88
160	7.27	6.27	5.71	5.42	4.87	4.77	4.68	4.45	4.84	5.13	6.00	6.35	6.72	6.98	7.66	7.96	7.94	7.91	7.91
165	6.84	6.72	6.19	5.94	5.64	5.39	5.36	5.46	5.51	5.66	6.17	6.42	6.61	6.95	7.57	7.87	7.71	7.71	7.54
170	8.21	7.99	7.80	7.52	6.98	6.26	6.27	6.24	6.91	7.07	7.27	7.49	8.04	8.28	8.85	9.26	9.17	9.34	8.51
175	8.44	8.80	8.56	8.15	7.75	6.89	6.95	7.11	7.78	7.95	8.05	7.94	8.36	8.42	9.23	9.22	9.23	9.34	8.50
180	8.41	8.90	8.61	8.54	7.99	7.32	7.15	7.88	8.08	8.62	8.24	7.97	8.22	8.42	8.90	8.73	8.42	7.98	7.33

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 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: 35.4%
 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-T1-30-70	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	2579	2579	2579	2579	2579														
5	2192	2223	2269	2341	2450														
10	2006	2041	2102	2205	2374														
15	1927	1958	2013	2130	2353														
20	1879	1929	1991	2096	2366														
25	1737	1810	1952	2109	2410														
30	1607	1636	1823	2170	2629														
35	1535	1575	1661	2208	2757														
40	1430	1500	1625	2214	2829														
45	1338	1429	1592	2183	2864														
50	1193	1300	1503	2091	2844														
55	1003	1092	1290	1915	2747														
60	719	834	1015	1595	2448														
65	442	542	680	1160	1888														
70	223	243	333	522	1278														
75	151	160	165	194	436														
80	67.0	77.0	90.8	109	110														
85	0.72	9.88	20.4	33.2	34.4														
90	0.00	0.00	0.00	0.38	0.99														
95	0.00	0.00	0.00	0.34	1.01														
100	0.00	0.00	0.00	1.21	2.26														
105	0.00	0.00	0.64	2.71	3.80														
110	0.63	0.97	2.19	4.20	5.38														
115	1.84	2.52	3.78	5.64	6.88														
120	3.30	4.46	5.58	6.99	8.17														
125	5.13	6.30	7.27	8.48	9.56														
130	6.78	8.04	9.01	9.89	10.4														
135	8.47	9.68	10.5	10.8	10.9														
140	9.62	10.9	11.6	11.0	10.9														
145	10.3	11.1	11.7	11.2	10.7														
150	10.3	10.8	11.2	10.7	9.94														
155	9.28	9.72	10.1	9.59	8.93														
160	8.46	8.80	9.01	9.01	8.49														
165	7.79	8.28	8.59	8.59	8.22														
170	8.80	9.29	9.24	9.40	9.37														
175	8.65	8.94	9.40	9.49	9.27														
180	7.34	7.79	8.13	8.43	8.45														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 33.0DEG
 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: 35.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Checker: DENNY

Assessor: JOE