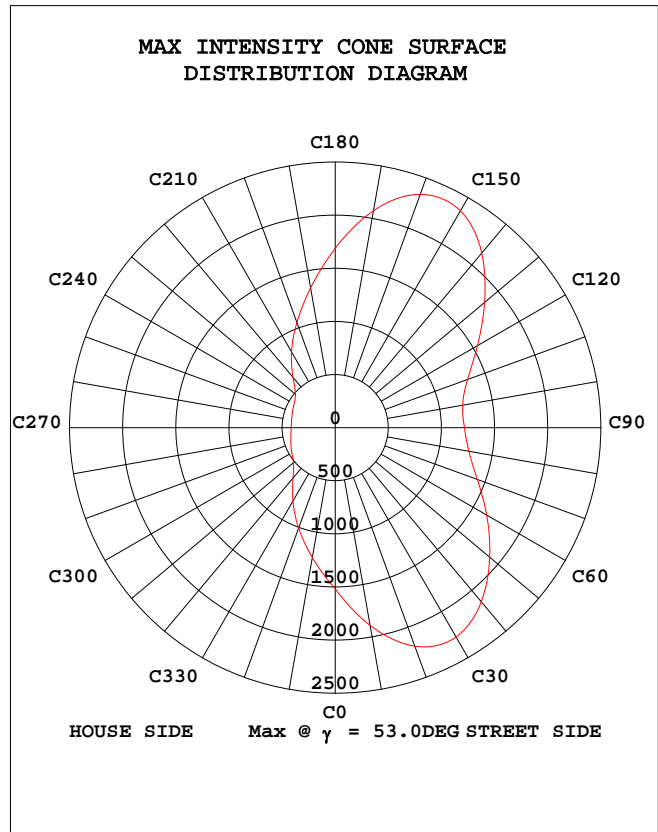
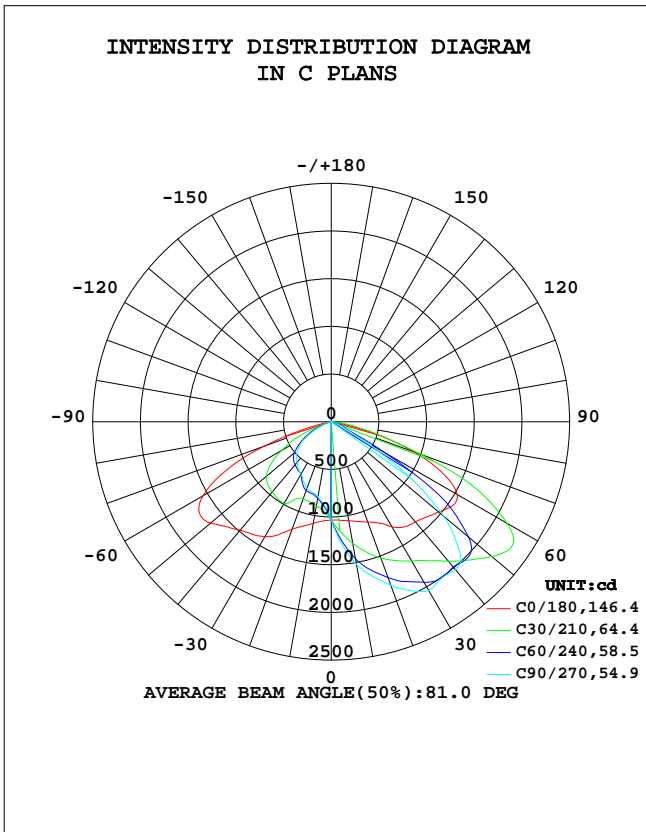


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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-40W-SW-T1-30-70		I <sub>max</sub> (cd)	2357	η street_up(%)	0.1
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	68.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4800	η house_up(%)	0.1
NOMINAL FLUX(lm)	4800	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	17.814



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

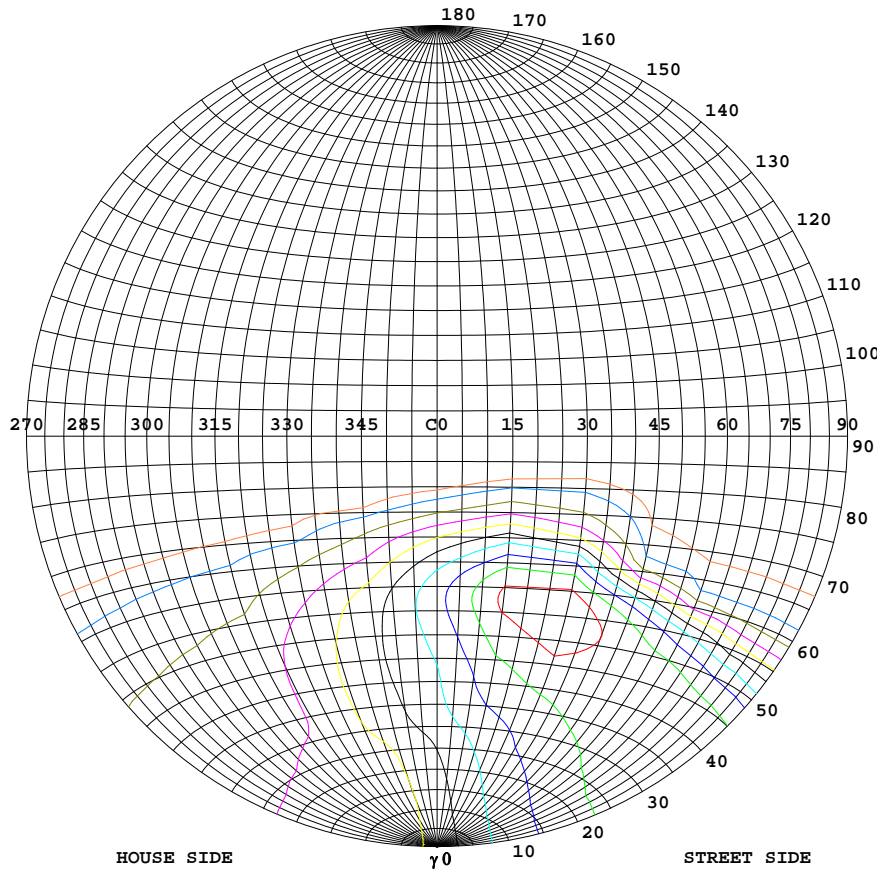
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
Humidity: 35.4%  
Test Distance: 26.000m [K=1.0000]  
Remarks: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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%	2357
90%	2121
80%	1885
70%	1650
60%	1414
50%	1178
40%	943
30%	707
20%	471
10%	236
5%	118

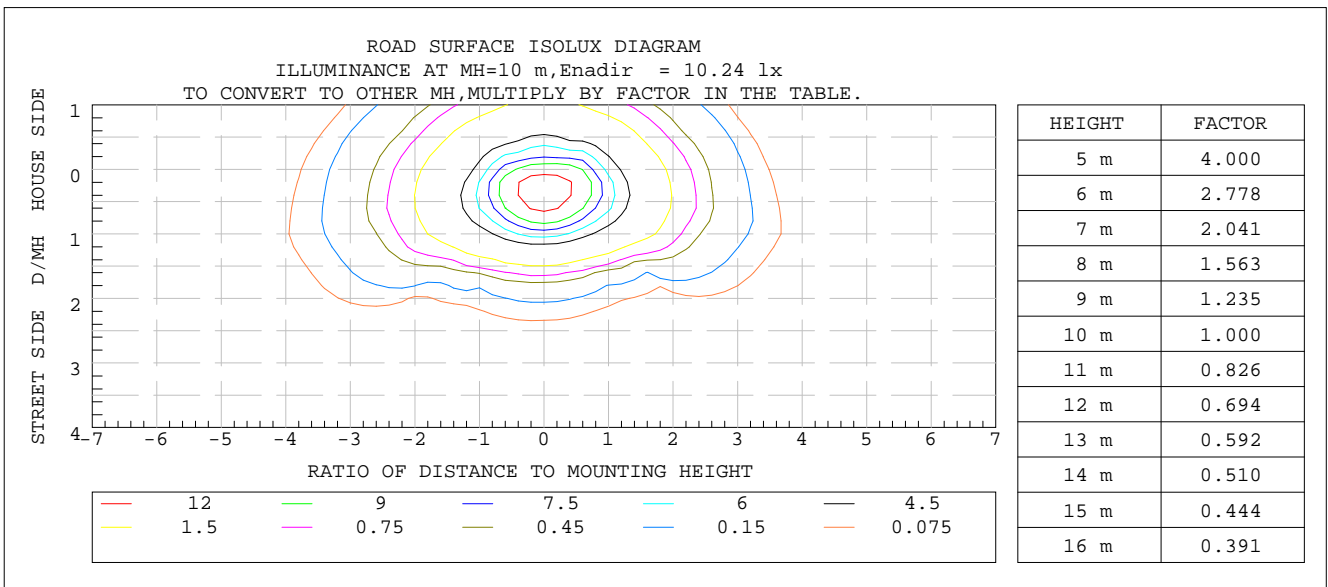
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 33.0DEG  
 Operators:William  
 Test Date:2019-08-21

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: 5050 M3A2 T4

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

ZONAL FLUX DIAGRAM

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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	1055	1397	1516	1399	1081	847.6	798.7	840.8	0- 10	103.1	103.1	2.15,2.15
20	1119	1644	1824	1667	1200	798.2	742.6	796.6	10- 20	333.5	436.6	9.1,9.1
30	1273	1826	2043	1878	1391	726.2	635.8	729.2	20- 30	591.2	1028	21.4,21.4
40	1372	2026	2022	2062	1484	666.1	559.0	649.9	30- 40	847.3	1875	39.1,39.1
50	1473	2056	1536	2090	1652	595.7	457.9	601.3	40- 50	1062	2937	61.2,61.2
60	1525	1412	366.8	1145	1553	373.4	265.1	405.9	50- 60	1044	3981	82.9,82.9
70	923.0	176.3	80.85	132.5	746.0	109.1	85.74	133.3	60- 70	606.1	4587	95.6,95.6
80	84.48	49.61	19.15	31.37	27.50	26.80	14.77	36.30	70- 80	187.2	4774	99.5,99.5
90	0.5909	0.0103	0	0	0.0958	0	0	0	80- 90	15.07	4790	99.8,99.8
100	0.6080	0	0	0	0.8941	0.2123	0	0	90-100	0.1163	4790	99.8,99.8
110	2.124	0.2683	0.0383	0.3295	2.054	1.576	0.1744	0.8751	100-110	0.6164	4790	99.8,99.8
120	3.077	0.6704	0.3664	0.7741	2.965	2.534	0.9475	2.231	110-120	1.347	4792	99.8,99.8
130	3.648	1.246	0.6790	1.251	3.355	3.533	2.223	3.605	120-130	1.912	4794	99.9,99.9
140	3.877	1.592	0.9851	1.665	3.214	4.247	3.403	4.652	130-140	2.110	4796	99.9,99.9
150	3.629	1.976	1.332	1.938	3.064	4.048	3.939	4.495	140-150	1.917	4798	99.9,99.9
160	2.908	2.166	1.873	2.053	2.687	3.185	3.166	3.604	150-160	1.323	4799	100,100
170	3.283	3.007	2.509	2.828	3.218	3.704	3.404	3.696	160-170	0.8014	4800	100,100
180	3.363	3.414	2.859	3.450	3.287	3.493	2.932	3.253	170-180	0.3164	4800	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

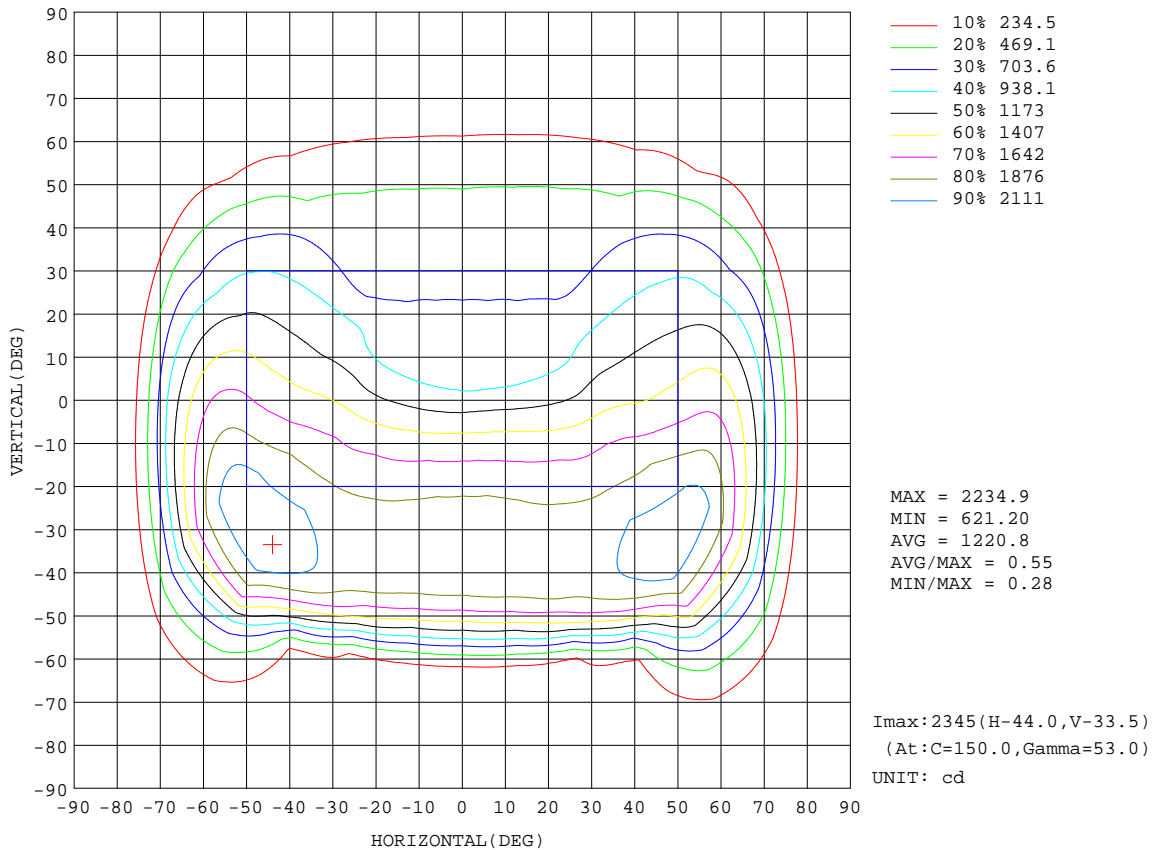
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.404.7  
 Humidity: 35.4%  
 Test Distance:26.000m [K=1.0000]  
 Remarks: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

**ISOCANDELA DIAGRAM**

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 3000K	DIM.: 625*288	SERIAL No.:
MFR.: DIMON Technology Limited	SUR.:	Shielding Angle:



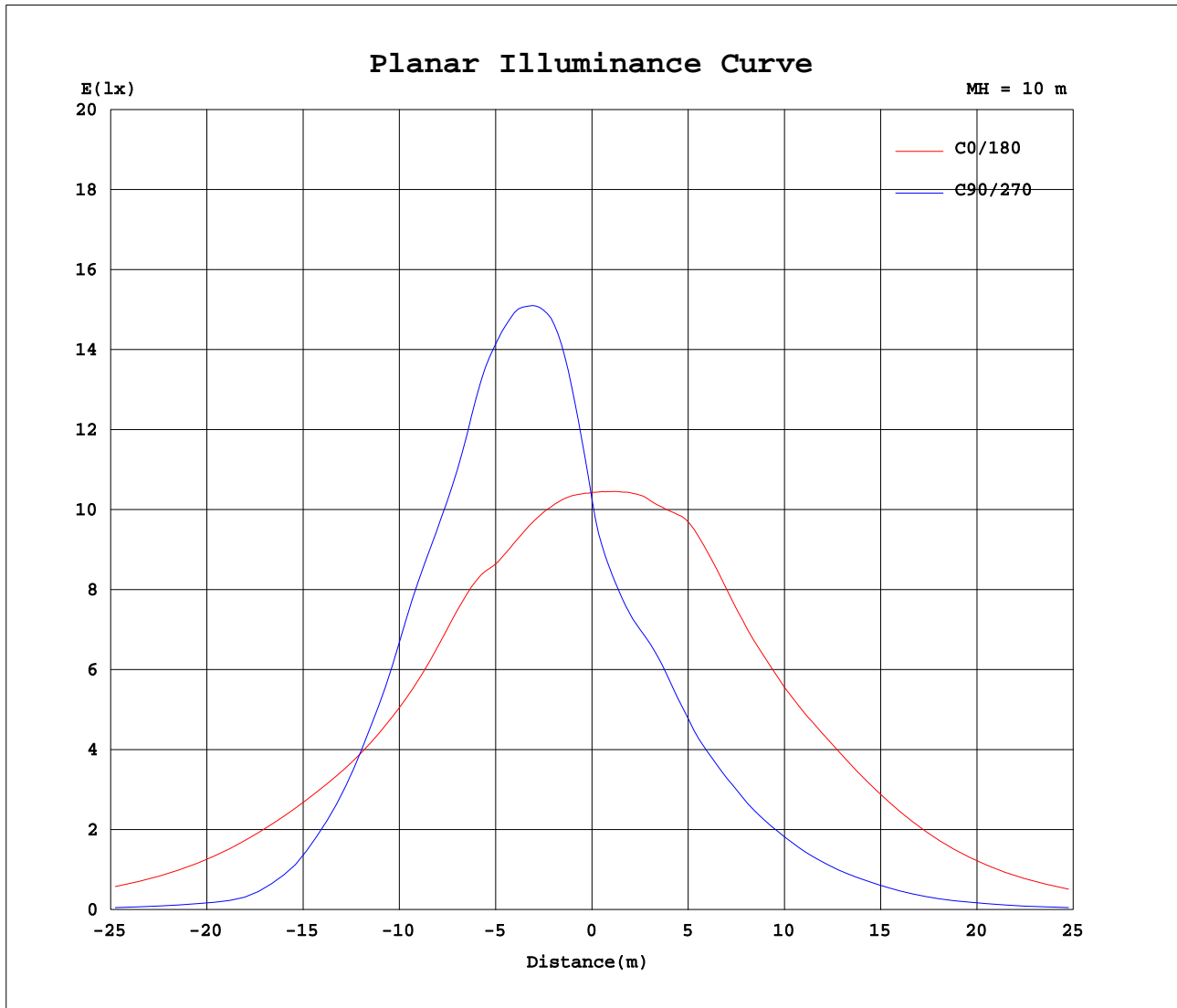
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 33.0DEG  
 Operators: William  
 Test Date: 2019-08-21

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: 5050 M3A2 T4

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: 5050 M3A2 T4

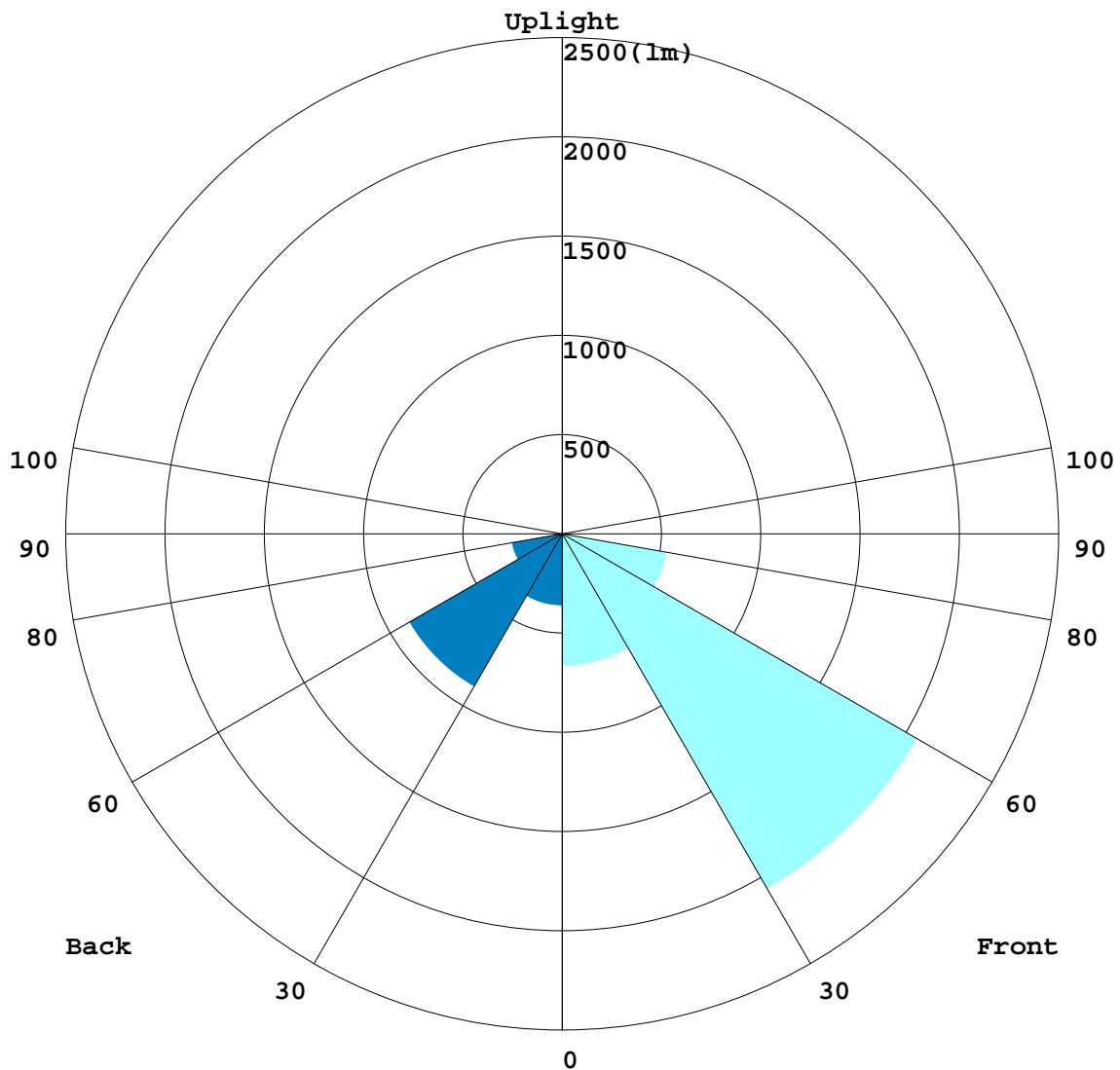
Checker: DENNY

Assessor: JOE

**LCS REPORT**

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

BUG REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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)	666.14	13.9
FM - Front-Medium(30-60)	2065	43.0
FH - Front-High(60-80)	535.53	11.2
FVH - Front-Very High(80-90)	10.27	0.2
Total Forward Light	3280.5	68.3

BL - Back-Low(0-30)	361.65	7.5
BM - Back-Medium(30-60)	888.31	18.5
BH - Back-High(60-80)	257.8	5.4
BVH - Back-Very High(80-90)	4.8021	0.1
Total Back Light	1519.5	31.7

UL - Uplight-Low(90-100)	0.1163	0.0
UH - Uplight-High(100-180)	10.344	0.2
Total Up Light	10.461	0.2

BUG(Back,Up,Glare) Rating	B1-U2-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1512.6	6.9237	1519.5
Street Side	3277	3.5369	3280.5

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: 5050 M3A2 T4

Checker: DENNY

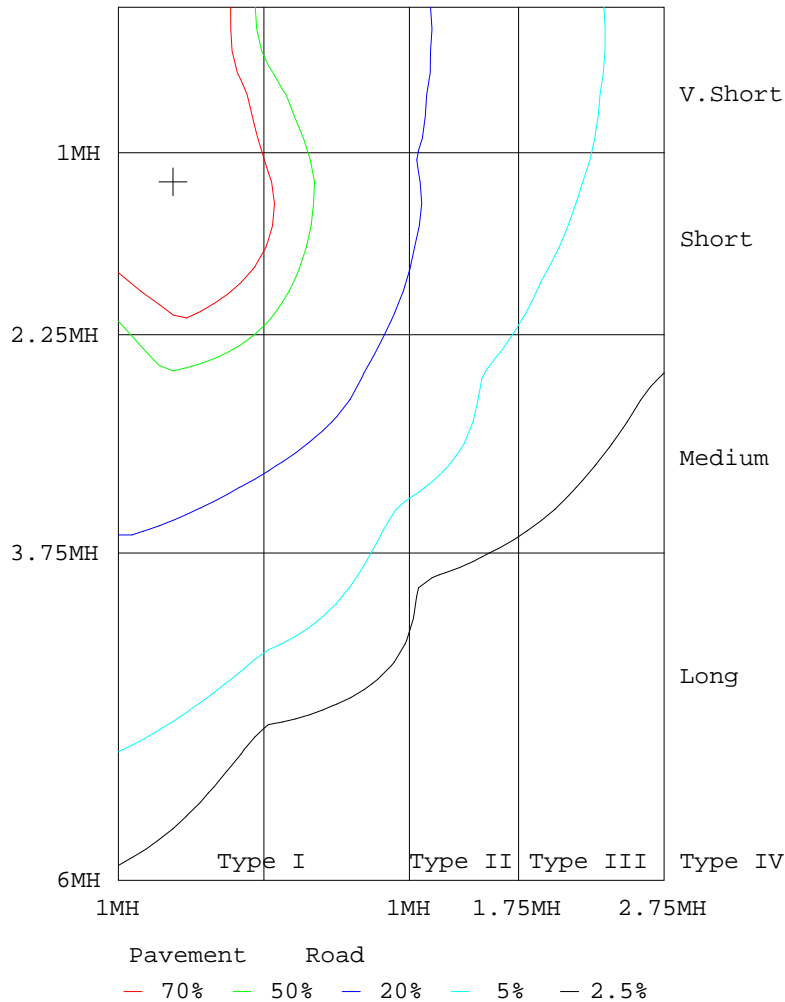
Assessor: JOE



ROAD ISOCANDELA REPORT

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032	1032
5	1037	1104	1162	1216	1250	1277	1287	1280	1258	1219	1168	1108	1046	987	939	907	888	877	875
10	1055	1184	1296	1397	1457	1504	1516	1501	1464	1399	1309	1199	1081	972	894	848	818	803	799
15	1083	1256	1413	1539	1610	1663	1678	1662	1626	1551	1444	1297	1134	982	872	811	781	772	768
20	1119	1328	1520	1644	1738	1803	1824	1808	1752	1667	1567	1400	1200	1010	860	798	768	753	743
25	1171	1411	1606	1741	1849	1929	1953	1934	1865	1773	1668	1512	1306	1102	896	778	714	692	688
30	1273	1514	1687	1826	1944	2026	2043	2026	1971	1878	1765	1632	1391	1162	986	726	635	631	636
35	1345	1631	1780	1933	2001	2015	2007	2014	2015	1992	1874	1746	1441	1179	983	673	613	603	602
40	1372	1741	1908	2026	1990	2012	2022	2021	2007	2062	2023	1850	1484	1207	965	666	590	569	559
45	1413	1841	2051	2048	2020	1968	1900	1935	2017	2081	2166	1981	1555	1224	938	649	562	531	518
50	1473	1977	2198	2056	1877	1643	1536	1594	1779	2090	2316	2128	1652	1223	887	596	503	469	458
55	1544	2106	2301	1931	1469	1086	980	1014	1310	1837	2326	2251	1685	1137	770	492	408	388	384
60	1525	2114	2129	1412	644	439	367	378	508	1145	2027	2090	1553	950	598	373	308	273	265
65	1303	1786	1691	529	174	171	159	159	157	266	1496	1688	1227	686	410	235	194	168	157
70	923	1286	997	176	92.8	82.8	80.8	80.3	84.8	133	704	1053	746	413	156	109	88.8	86.3	85.7
75	446	673	499	103	57.6	51.6	46.4	47.0	50.2	76.4	328	486	269	84.9	63.3	57.6	58.5	58.2	56.2
80	84.5	221	197	49.6	26.5	22.9	19.1	20.1	21.2	31.4	109	100	27.5	29.9	32.9	26.8	24.3	23.6	14.8
85	12.1	18.9	31.3	11.7	6.52	5.01	3.39	3.60	3.57	4.70	9.43	6.80	4.15	5.43	5.50	3.54	2.38	0.00	0.00
90	0.59	0.51	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.17	0.00	0.00	0.00	0.00	0.00
95	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.40	0.55	0.31	0.00	0.00	0.00	0.00
100	0.61	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	0.89	1.20	0.86	0.21	0.17	0.47	0.00
105	1.33	0.67	0.28	0.02	0.00	0.00	0.00	0.00	0.02	0.06	0.35	0.86	1.50	1.89	1.75	0.72	0.46	0.82	0.00
110	2.12	1.24	0.63	0.27	0.08	0.02	0.04	0.08	0.17	0.33	0.73	1.38	2.05	2.51	2.31	1.58	1.00	0.87	0.17
115	2.53	1.65	0.95	0.42	0.31	0.23	0.17	0.27	0.40	0.54	1.00	1.86	2.57	3.03	2.65	2.03	2.03	1.00	0.58
120	3.08	2.17	1.29	0.67	0.46	0.42	0.37	0.43	0.64	0.77	1.27	2.17	2.96	3.46	2.84	2.53	3.08	1.47	0.95
125	3.57	2.53	1.54	0.96	0.71	0.67	0.56	0.68	0.81	1.03	1.54	2.46	3.29	3.69	3.28	3.09	2.87	2.08	1.49
130	3.65	2.64	1.62	1.25	0.94	0.81	0.68	0.95	0.97	1.25	1.68	2.48	3.35	3.73	3.81	3.53	3.16	2.58	2.22
135	3.74	2.76	1.85	1.38	1.11	1.00	0.87	1.06	1.26	1.49	1.87	2.49	3.32	3.72	4.08	4.01	3.66	3.22	2.86
140	3.88	2.84	2.05	1.59	1.34	1.29	0.99	1.26	1.53	1.67	2.04	2.61	3.21	3.71	4.16	4.25	4.08	3.64	3.40
145	3.86	2.89	2.23	1.86	1.57	1.37	1.26	1.37	1.66	1.86	2.20	2.63	3.16	3.67	4.20	4.30	4.11	3.95	3.98
150	3.63	2.87	2.28	1.98	1.66	1.56	1.33	1.55	1.72	1.94	2.26	2.62	3.06	3.37	3.99	4.05	4.02	3.77	3.94
155	3.16	2.57	2.28	2.08	1.82	1.66	1.56	1.56	1.86	1.96	2.33	2.61	2.77	3.08	3.42	3.57	3.56	3.43	3.55
160	2.91	2.51	2.28	2.17	1.95	1.91	1.87	1.78	1.93	2.05	2.40	2.54	2.69	2.79	3.06	3.18	3.18	3.16	3.17
165	2.74	2.69	2.47	2.38	2.26	2.16	2.14	2.18	2.21	2.27	2.47	2.57	2.64	2.78	3.03	3.15	3.08	3.08	3.02
170	3.28	3.20	3.12	3.01	2.79	2.50	2.51	2.50	2.76	2.83	2.91	3.00	3.22	3.31	3.54	3.70	3.67	3.74	3.40
175	3.37	3.52	3.43	3.26	3.10	2.75	2.78	2.84	3.11	3.18	3.22	3.17	3.34	3.37	3.69	3.69	3.69	3.73	3.40
180	3.36	3.56	3.44	3.41	3.20	2.93	2.86	3.15	3.23	3.45	3.30	3.19	3.29	3.37	3.56	3.49	3.37	3.19	2.93

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: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STREET LIGHT	TYPE:SLE-S-40W-SW-T1-30-70	WEIGHT:
SPEC.:40W 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	1032	1032	1032	1032	1032														
5	877	889	908	936	980														
10	802	817	841	882	950														
15	771	783	805	852	941														
20	752	772	797	839	946														
25	695	724	781	843	964														
30	643	654	729	868	1052														
35	614	630	664	883	1103														
40	572	600	650	886	1131														
45	535	572	637	873	1146														
50	477	520	601	837	1138														
55	401	437	516	766	1099														
60	287	334	406	638	979														
65	177	217	272	464	755														
70	89.3	97.2	133	209	511														
75	60.6	64.2	66.1	77.7	174														
80	26.8	30.8	36.3	43.7	44.1														
85	0.29	3.95	8.15	13.3	13.8														
90	0.00	0.00	0.00	0.15	0.40														
95	0.00	0.00	0.00	0.14	0.41														
100	0.00	0.00	0.00	0.48	0.91														
105	0.00	0.00	0.25	1.08	1.52														
110	0.25	0.39	0.88	1.68	2.15														
115	0.74	1.01	1.51	2.26	2.75														
120	1.32	1.79	2.23	2.80	3.27														
125	2.05	2.52	2.91	3.39	3.82														
130	2.71	3.21	3.61	3.95	4.17														
135	3.39	3.87	4.21	4.32	4.36														
140	3.85	4.37	4.65	4.40	4.37														
145	4.11	4.44	4.67	4.47	4.28														
150	4.10	4.33	4.50	4.30	3.98														
155	3.71	3.89	4.05	3.84	3.57														
160	3.38	3.52	3.60	3.60	3.40														
165	3.12	3.31	3.43	3.44	3.29														
170	3.52	3.72	3.70	3.76	3.75														
175	3.46	3.58	3.76	3.80	3.71														
180	2.94	3.12	3.25	3.37	3.38														

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: 5050 M3A2 T4

Checker: DENNY

Assessor: JOE