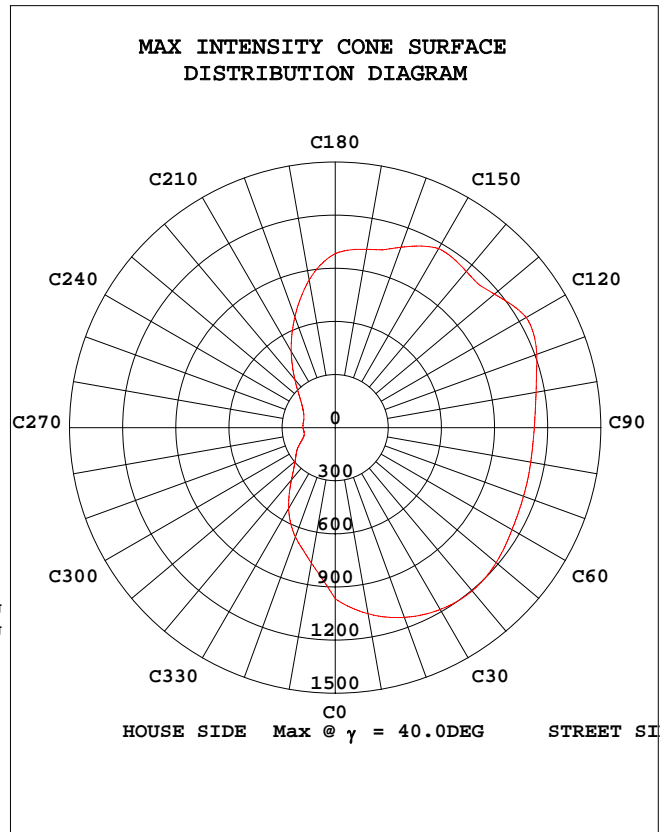
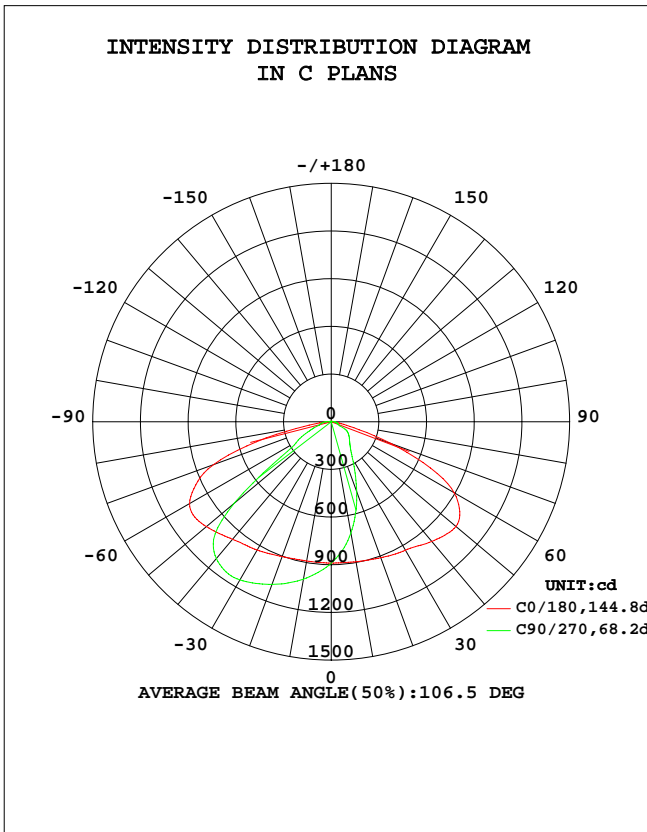


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:221.1V I:0.1480A P:32.20W PF:0.9810 Lamp Flux:3098.23x1 lm		
NAME: LED street light	TYPE:	WEIGHT:2.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.22 lm/W			
MODEL	LT-T-032	I <sub>max</sub> (cd)	1245	η street_up(%)	0.8
NOMINAL POWER(W)	32	LOR(%)	100.0	η street_down(%)	68.1
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	3098	η house_up(%)	0.5
NOMINAL FLUX(lm)	3098.23	MAXIMUM @(C,γ )	120,40.0	η house_down(%)	30.6
LAMPS INSIDE	1	η up(%)	1.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	221.1	η down(%)	98.7	SLI	18.510

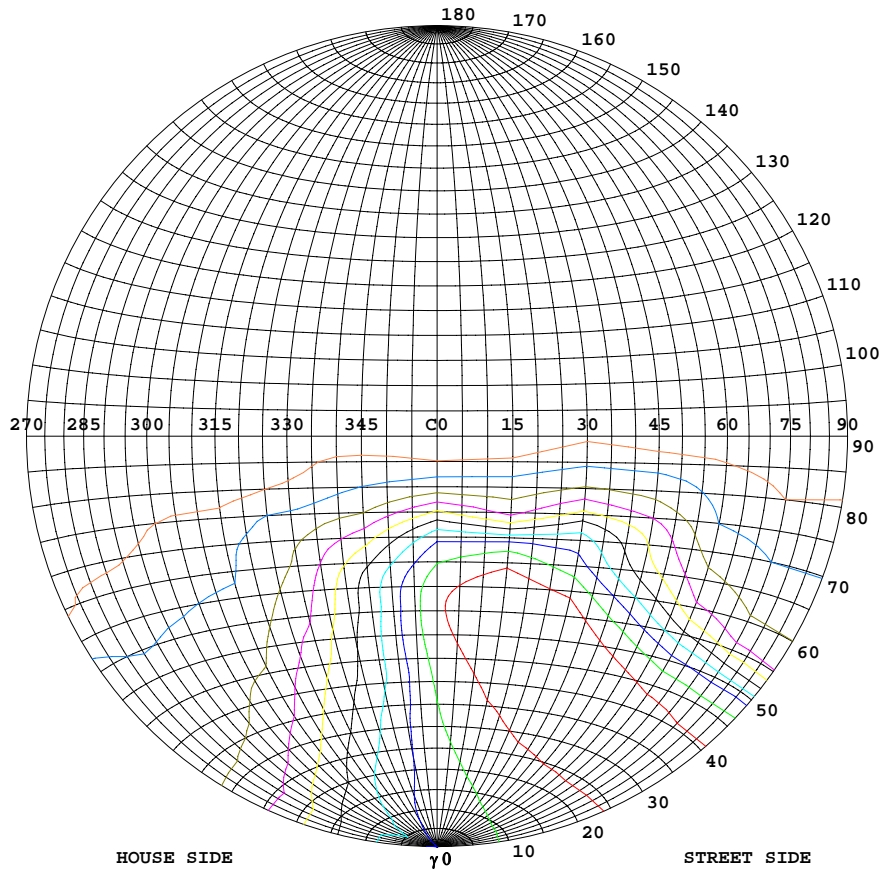


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:  
 Test Date:2013-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: LED:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:221.1V I:0.1480A P:32.20W PF:0.9810 Lamp Flux:3098.23x1 lm		
NAME:LED street light	TYPE:	WEIGHT:2.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



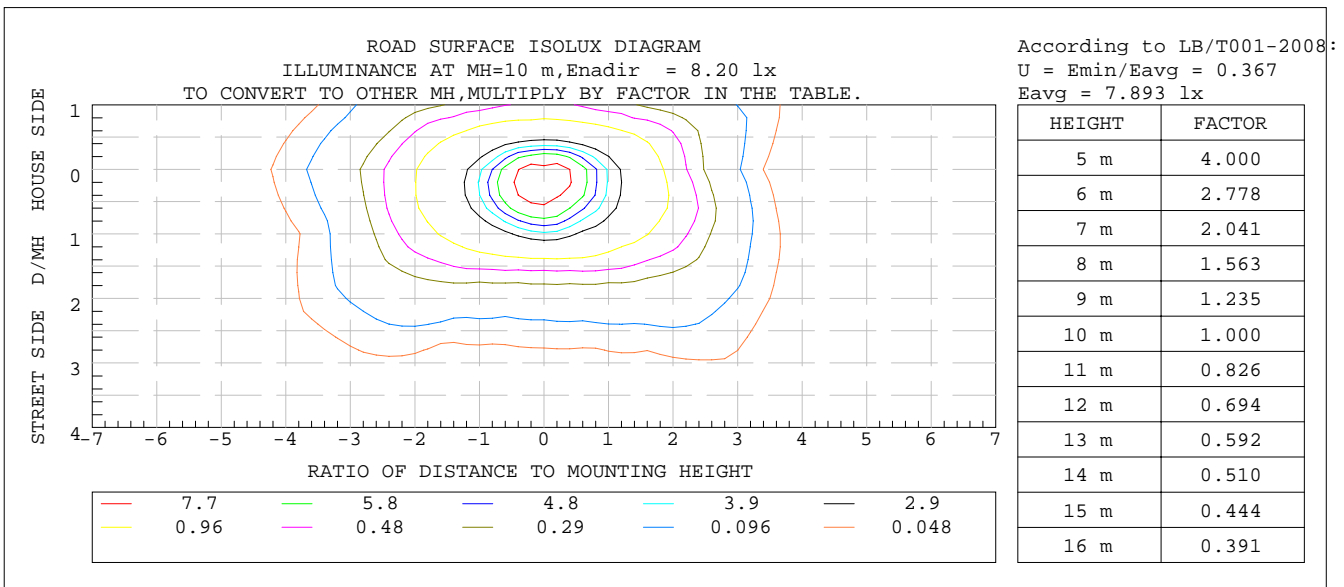
Classification:  
 IES:Type II - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:86.27cd/klm  
 Max.At90:20.59cd/klm  
 Max.80-90:86.27cd/klm  
 NRB 5101:Semi limited[13.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1245
90%	1121
80%	996
70%	872
60%	747
50%	623
40%	498
30%	374
20%	249
10%	125
5%	62

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:  
 Test Date:2013-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: LED:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators:  
 Test Date: 2013-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 90.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks: LED:

ZONAL FLUX DIAGRAM

Test:U:221.1V I:0.1480A P:32.20W PF:0.9810 Lamp Flux:3098.23x1 lm		
NAME: LED street light	TYPE:	WEIGHT:2.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

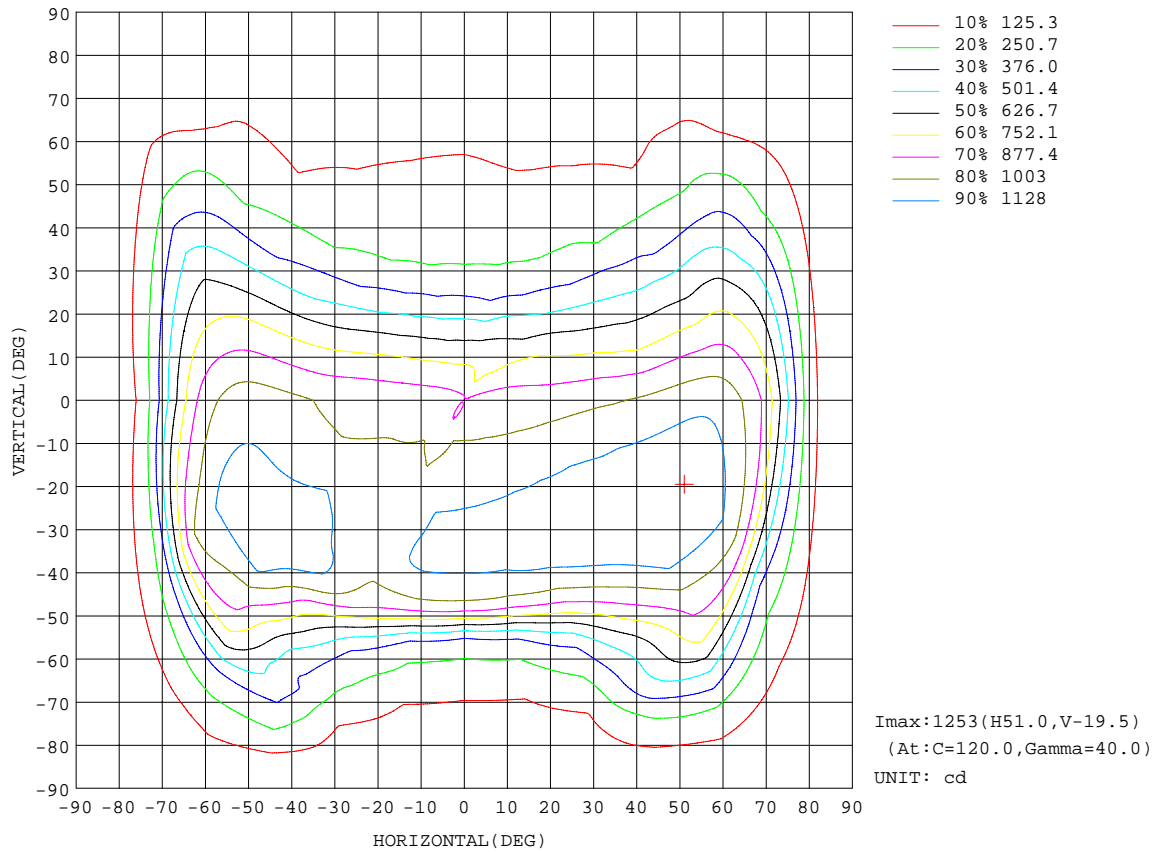
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	889.6	973.3	1006	1010	894.5	778.7	712.7	765.5	0- 10	84.68	84.68	2.73,2.73
20	903.1	1057	1089	1095	910.5	628.0	469.8	641.9	10- 20	246.3	331.0	10.7,10.7
30	932.3	1150	1149	1140	933.1	449.3	269.3	473.5	20- 30	384.2	715.2	23.1,23.1
40	966.1	1199	1124	1145	983.2	301.2	182.5	332.3	30- 40	500.9	1216	39.3,39.3
50	1026	1068	793.9	1169	1024	199.1	147.7	224.9	40- 50	583.8	1800	58.1,58.1
60	1029	737.8	248.5	737.8	892.5	130.7	113.2	144.7	50- 60	549.0	2349	75.8,75.8
70	787.3	488.0	121.2	431.2	399.0	91.93	47.19	102.0	60- 70	425.3	2774	89.5,89.5
80	176.4	201.3	64.74	267.3	52.09	48.00	32.91	42.99	70- 80	218.8	2993	96.6,96.6
90	25.33	46.58	26.06	58.15	9.320	12.73	1.801	18.09	80- 90	65.11	3058	98.7,98.7
100	10.41	11.07	10.95	12.89	6.476	4.458	0.9299	6.457	90-100	18.06	3076	99.3,99.3
110	7.230	3.102	0.8118	3.791	5.000	3.657	1.944	4.440	100-110	5.629	3082	99.5,99.5
120	5.085	2.153	1.043	2.627	4.841	4.310	3.329	4.617	110-120	3.621	3085	99.6,99.6
130	4.907	2.229	1.323	2.640	4.716	4.814	4.404	5.220	120-130	3.339	3089	99.7,99.7
140	4.763	2.549	1.806	2.851	4.596	5.050	5.350	5.756	130-140	3.081	3092	99.8,99.8
150	4.639	3.025	2.443	3.133	4.596	5.198	5.666	5.811	140-150	2.648	3094	99.9,99.9
160	4.608	3.590	3.259	3.568	4.670	5.318	5.877	5.794	150-160	2.068	3096	99.9,99.9
170	4.693	4.262	4.054	4.285	4.930	5.334	5.706	5.672	160-170	1.342	3098	100,100
180	4.976	4.930	4.895	5.064	5.004	5.030	5.029	5.178	170-180	0.4727	3098	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:  
 Test Date:2013-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: LED:

ISOCANDELA DIAGRAM

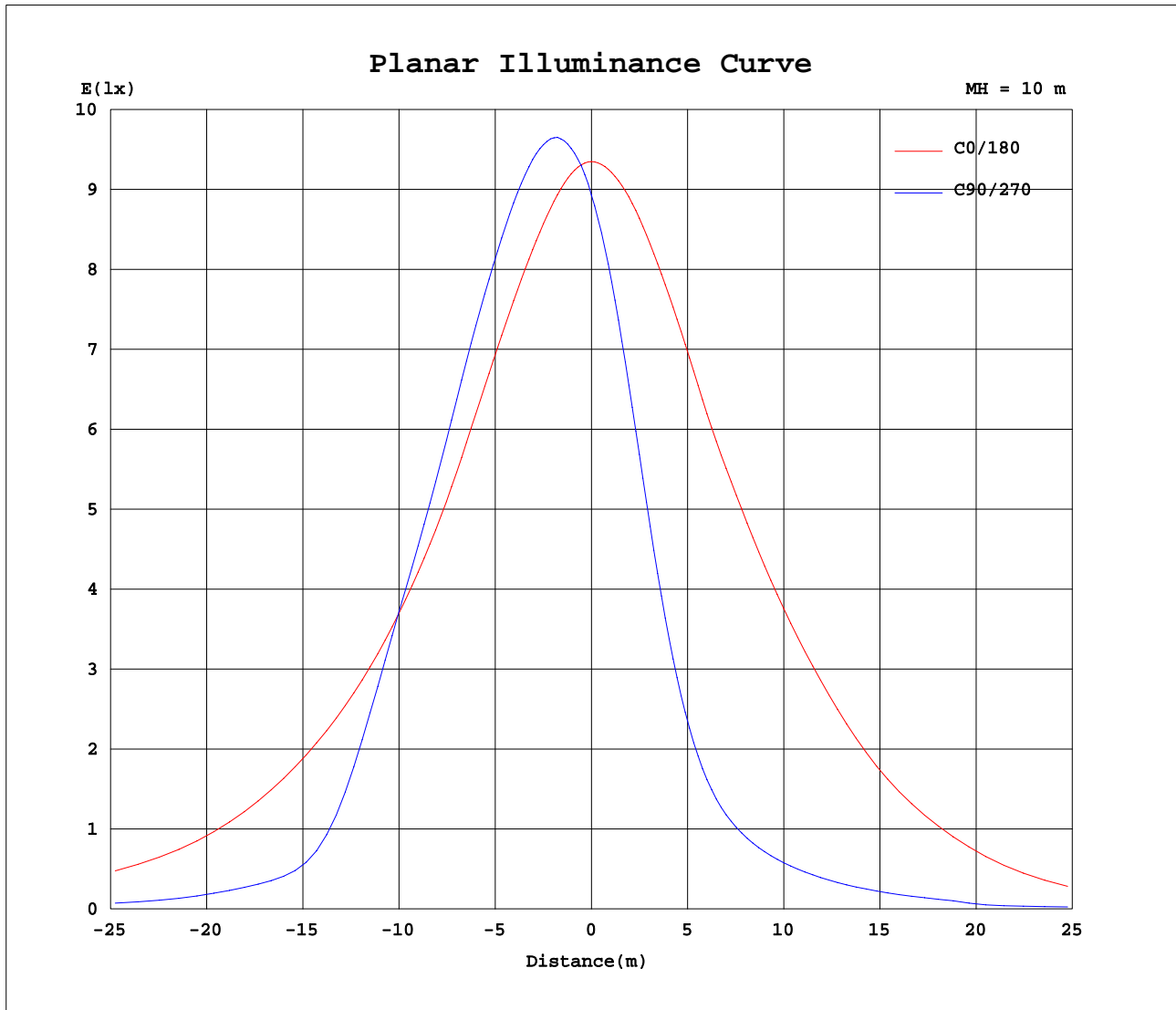
Test:U:221.1V I:0.1480A P:32.20W PF:0.9810 Lamp Flux:3098.23x1 lm		
NAME: LED street light	TYPE:	WEIGHT:2.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:  
 Test Date:2013-08-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: LED:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators:  
 Test Date: 2013-08-12

$\gamma$  Range: 0 - 180DEG  
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 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 90.0%  
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