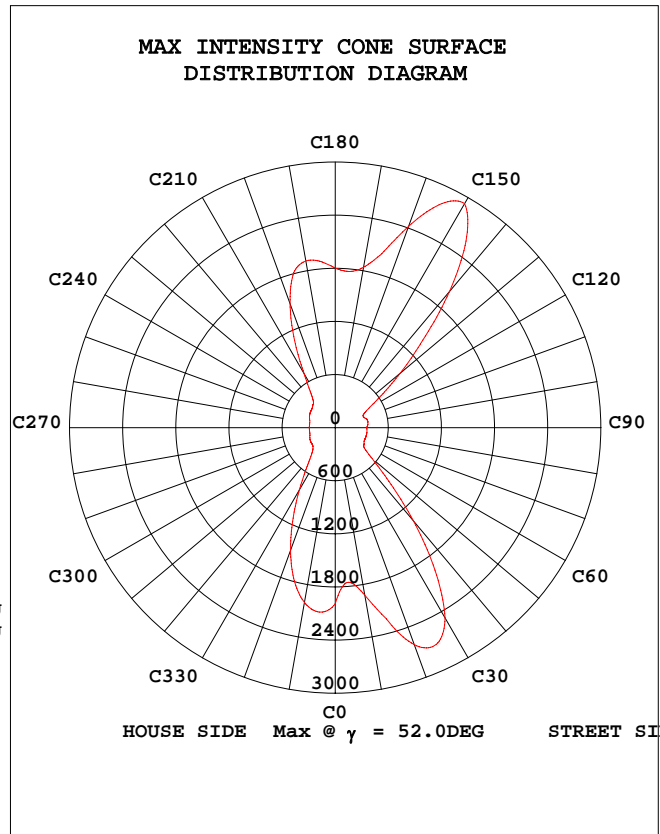
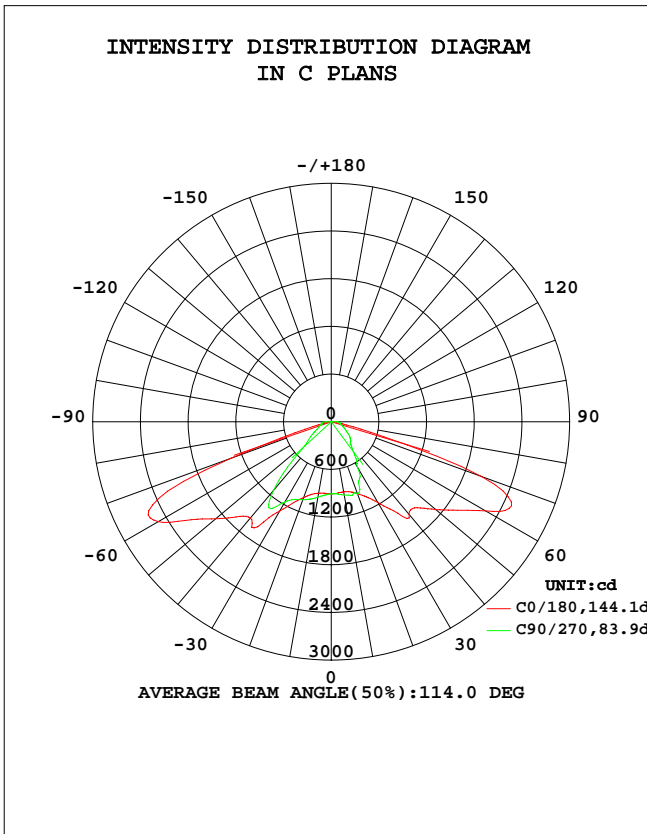


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:221.1V I:0.2064A P:45.05W PF:0.9870 Lamp Flux:4469.51x1 lm		
NAME: LED street light	TYPE:	WEIGHT:4
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.20 lm/W			
MODEL	LT-T-032	I <sub>max</sub> (cd)	2922	η street_up(%)	0.7
NOMINAL POWER(W)	45	LOR(%)	100.0	η street_down(%)	58.3
RATED VOLTAGE(V)	221	TOTAL FLUX(lm)	4470	η house_up(%)	0.6
NOMINAL FLUX(lm)	4469.51	MAXIMUM @(C,γ )	150,52.0	η house_down(%)	40.4
LAMPS INSIDE	1	η up(%)	1.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	221.1	η down(%)	98.7	SLI	17.138



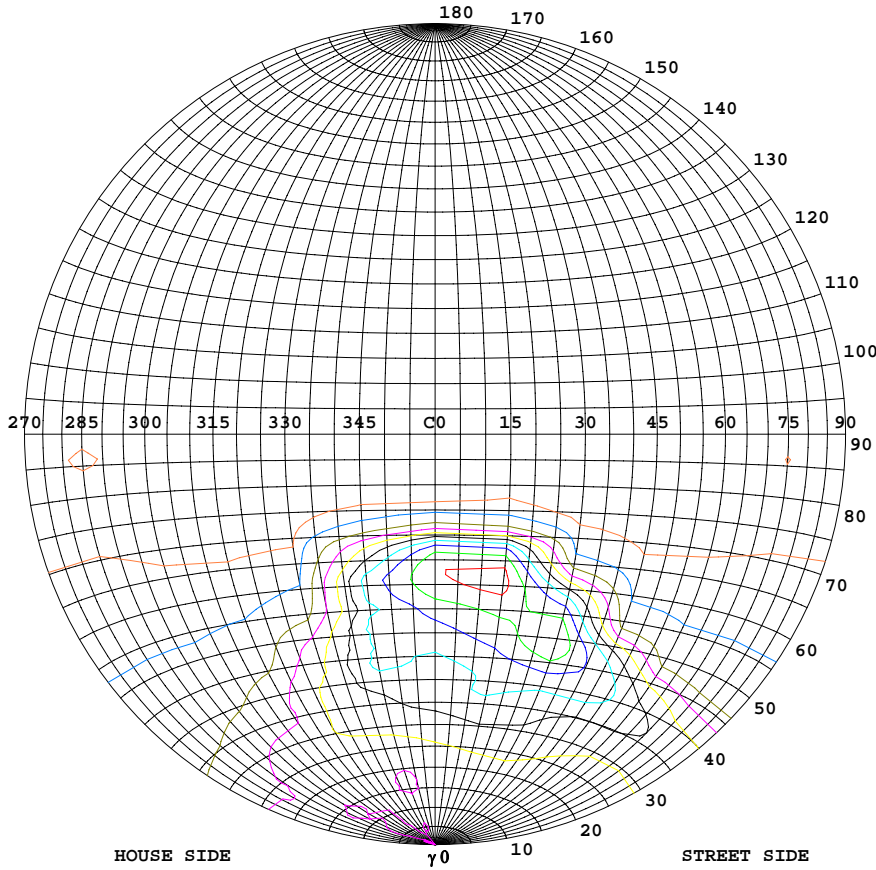
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-04

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:XTE

Note: SLI:Specific Luminaire Index

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:221.1V I:0.2064A P:45.05W PF:0.9870 Lamp Flux:4469.51x1 lm		
NAME: LED street light	TYPE:	WEIGHT:4
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



**Classification:**

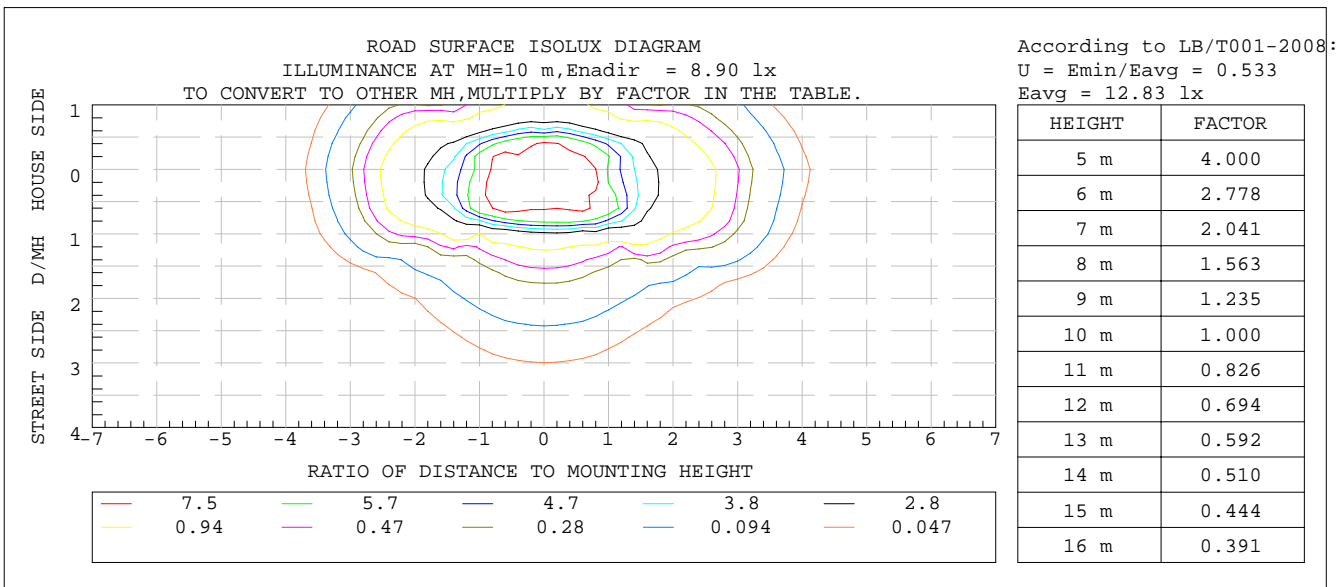
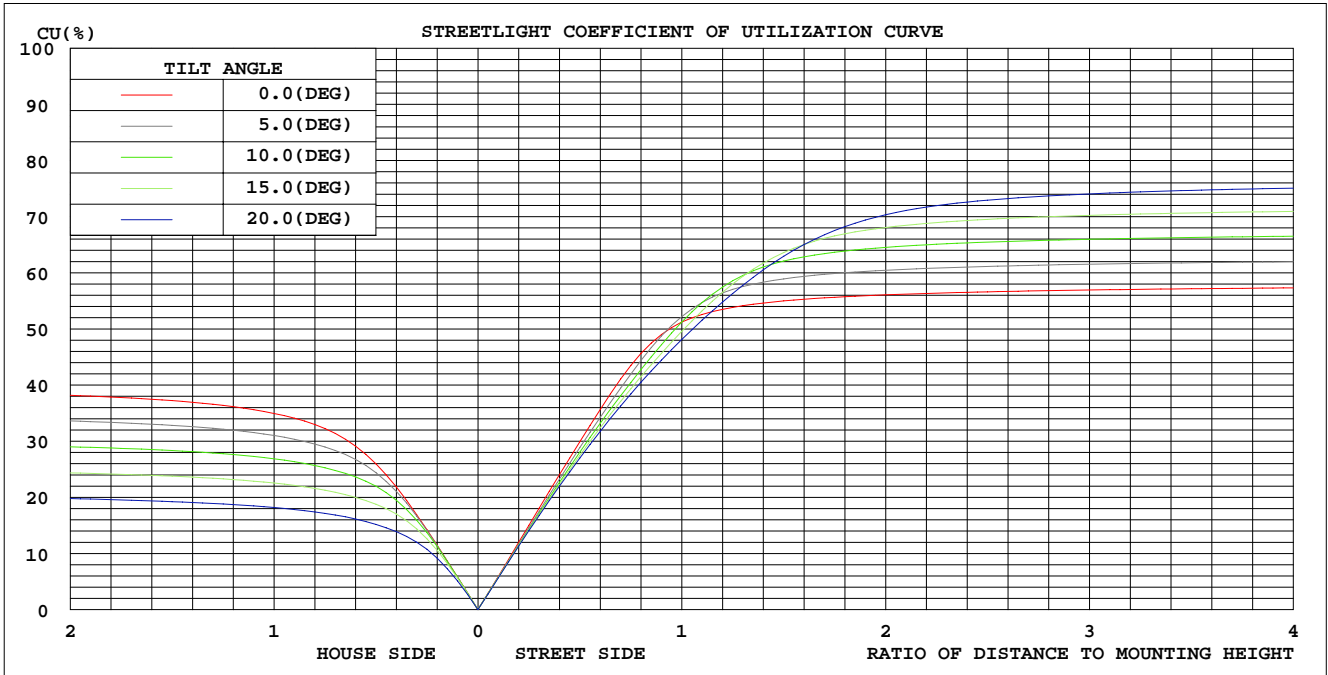
IES:Type II - Short  
 CIE:Narrow - Short  
 IES:None cut-off  
 CIE:Semi-cut-off  
 Max.At80:37.94cd/klm  
 Max.At90:31.34cd/klm  
 Max.80-90:37.94cd/klm  
 NRB 5101:Limited[8.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2922
90%	2630
80%	2338
70%	2046
60%	1753
50%	1461
40%	1169
30%	877
20%	584
10%	292
5%	146

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-04

$\gamma$  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:XTE

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: 梅媛屏  
 Test Date: 2013-07-04

$\gamma$  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:XTE

ZONAL FLUX DIAGRAM

Test:U:221.1V I:0.2064A P:45.05W PF:0.9870 Lamp Flux:4469.5lx1 lm		
NAME: LED street light	TYPE:	WEIGHT:4
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

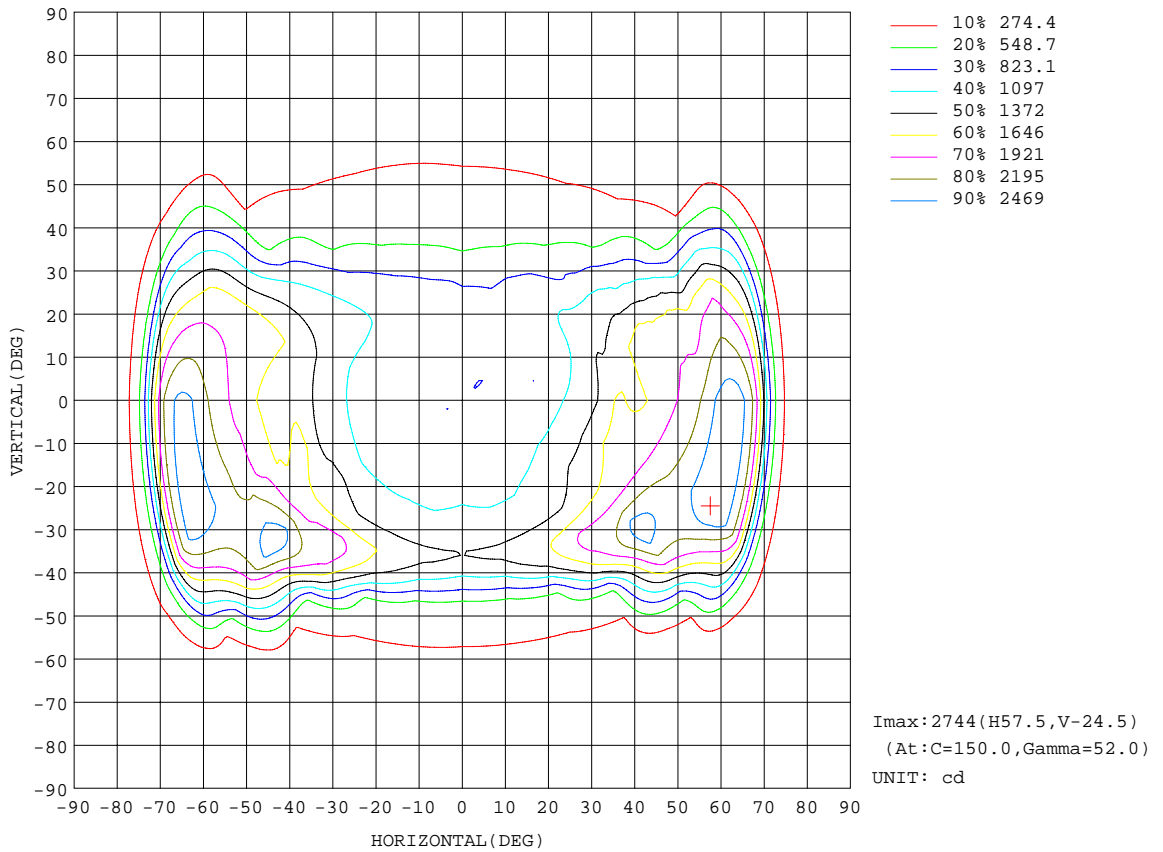
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	914.5	935.9	964.6	876.9	896.6	920.4	936.8	864.6	0- 10	87.22	87.22	1.95,1.95
20	1015	1049	1045	1003	961.1	987.3	971.2	949.9	10- 20	272.5	359.7	8.05,8.05
30	1298	1233	1167	1239	1176	1028	661.2	1063	20- 30	492.7	852.4	19.1,19.1
40	1582	1881	1134	1828	1524	764.5	390.9	803.1	30- 40	764.4	1617	36.2,36.2
50	1899	1286	393.0	1752	1720	383.7	310.8	394.8	40- 50	914.4	2531	56.6,56.6
60	2515	258.5	229.3	329.8	2246	244.4	211.9	212.5	50- 60	865.5	3397	76,76
70	1329	127.8	152.0	156.8	2005	136.0	144.3	126.3	60- 70	702.1	4099	91.7,91.7
80	80.23	71.08	115.3	82.47	113.1	79.65	119.4	73.87	70- 80	216.9	4316	96.6,96.6
90	18.48	39.49	34.79	52.00	31.45	38.52	44.18	36.54	80- 90	96.44	4412	98.7,98.7
100	18.44	9.034	1.293	12.64	13.37	8.146	1.373	12.20	90-100	24.39	4437	99.3,99.3
110	9.847	3.664	1.750	6.584	10.69	5.585	2.376	6.624	100-110	8.097	4445	99.4,99.4
120	8.843	3.476	2.375	5.439	9.276	6.162	3.730	7.235	110-120	5.873	4450	99.6,99.6
130	8.328	4.134	3.080	5.808	8.725	6.583	4.808	7.724	120-130	5.406	4456	99.7,99.7
140	7.705	4.715	3.492	5.446	8.169	6.460	5.552	7.979	130-140	4.799	4461	99.8,99.8
150	6.771	5.052	4.356	4.932	7.272	6.082	5.992	7.085	140-150	3.788	4464	99.9,99.9
160	6.171	5.317	5.005	5.230	6.500	6.435	6.192	6.754	150-160	2.752	4467	99.9,99.9
170	6.042	5.685	5.606	5.741	6.139	6.147	6.310	6.285	160-170	1.697	4469	100,100
180	6.062	5.954	6.036	6.017	6.094	5.982	6.052	6.000	170-180	0.5743	4470	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-04

$\gamma$  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:XTE

ISOCANDELA DIAGRAM

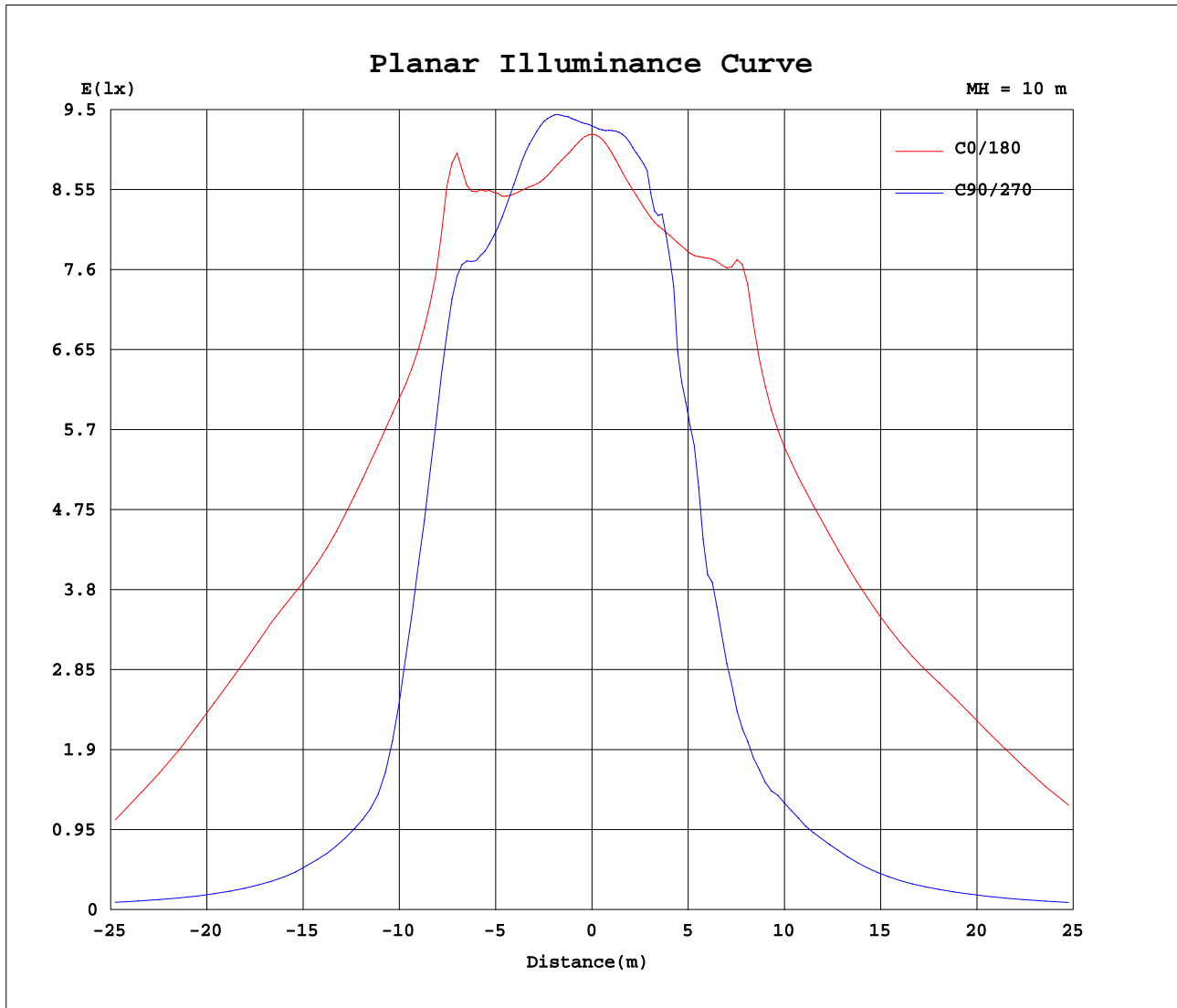
Test:U:221.1V I:0.2064A P:45.05W PF:0.9870 Lamp Flux:4469.51x1 lm		
NAME: LED street light	TYPE:	WEIGHT:4
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: 梅媛屏  
 Test Date: 2013-07-04

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:XTE

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: 梅媛屏  
 Test Date: 2013-07-04

$\gamma$  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:XTE