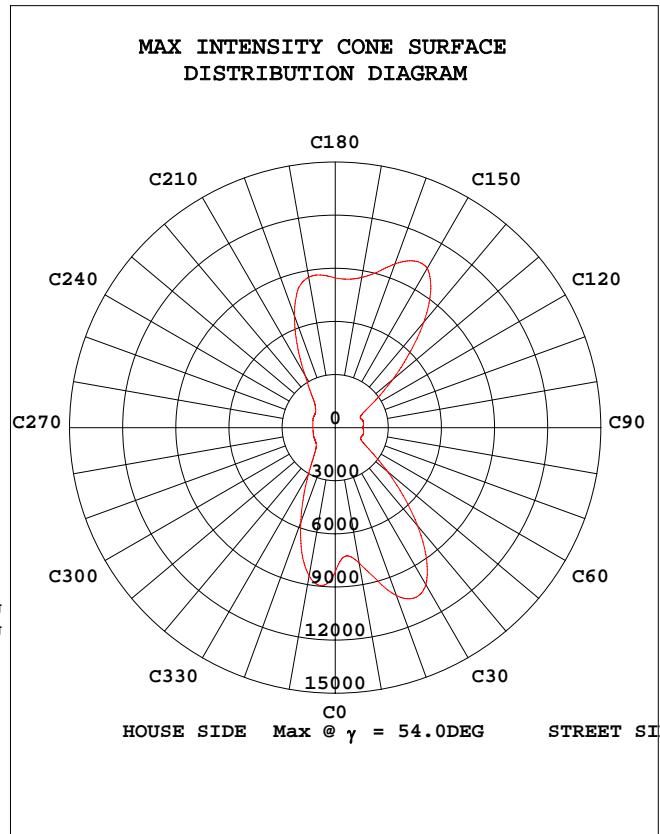
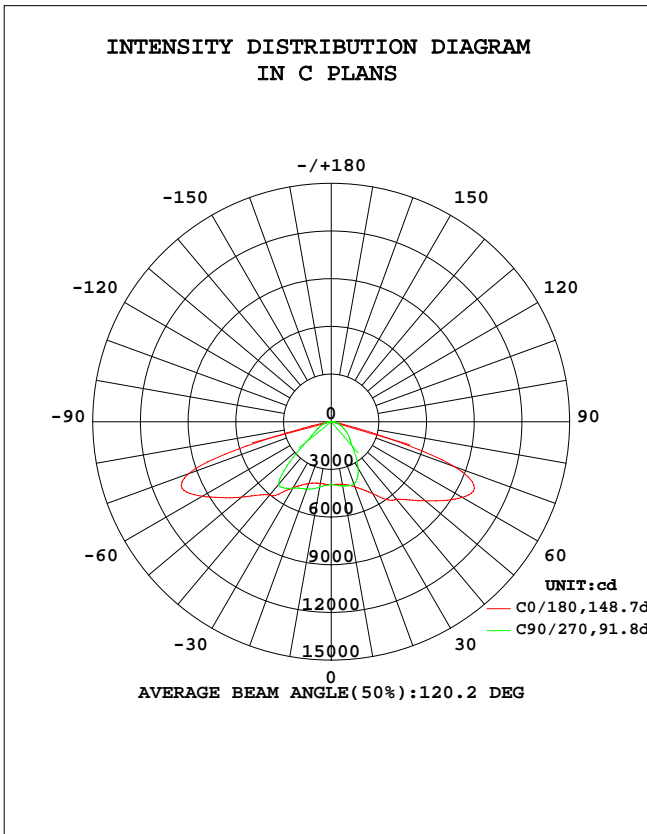


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:220.9V I:1.005A P:217.2W PF:0.9780 Lamp Flux:19448.4x1 lm		
NAME: LED street light	TYPE:	WEIGHT:11
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.54 lm/W			
MODEL	LT-T-032	I <sub>max</sub> (cd)	10402	η street_up(%)	0.5
NOMINAL POWER(W)	222	LOR(%)	100.0	η street_down(%)	58.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	19448	η house_up(%)	0.5
NOMINAL FLUX(lm)	19448.4	MAXIMUM @(C,γ )	150,54.0	η house_down(%)	40.4
LAMPS INSIDE	1	η up(%)	1.1	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.9	η down(%)	98.9	SLI	19.937



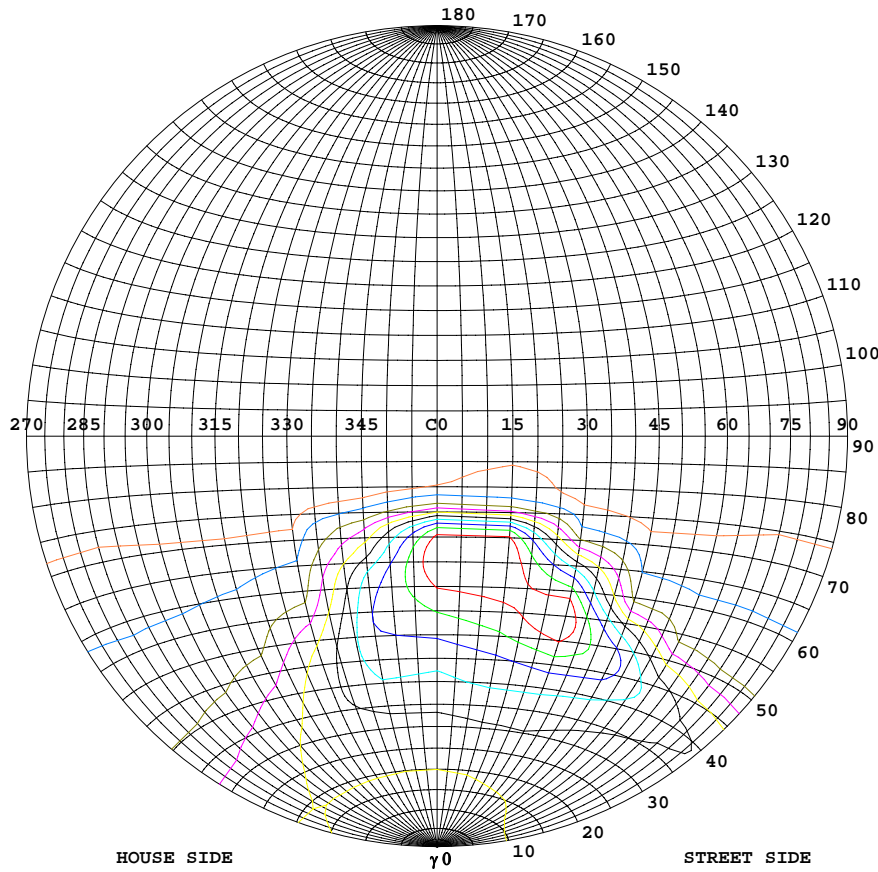
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-01

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:220.9V I:1.005A P:217.2W PF:0.9780 Lamp Flux:19448.4x1 lm		
NAME: LED street light	TYPE:	WEIGHT:11
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



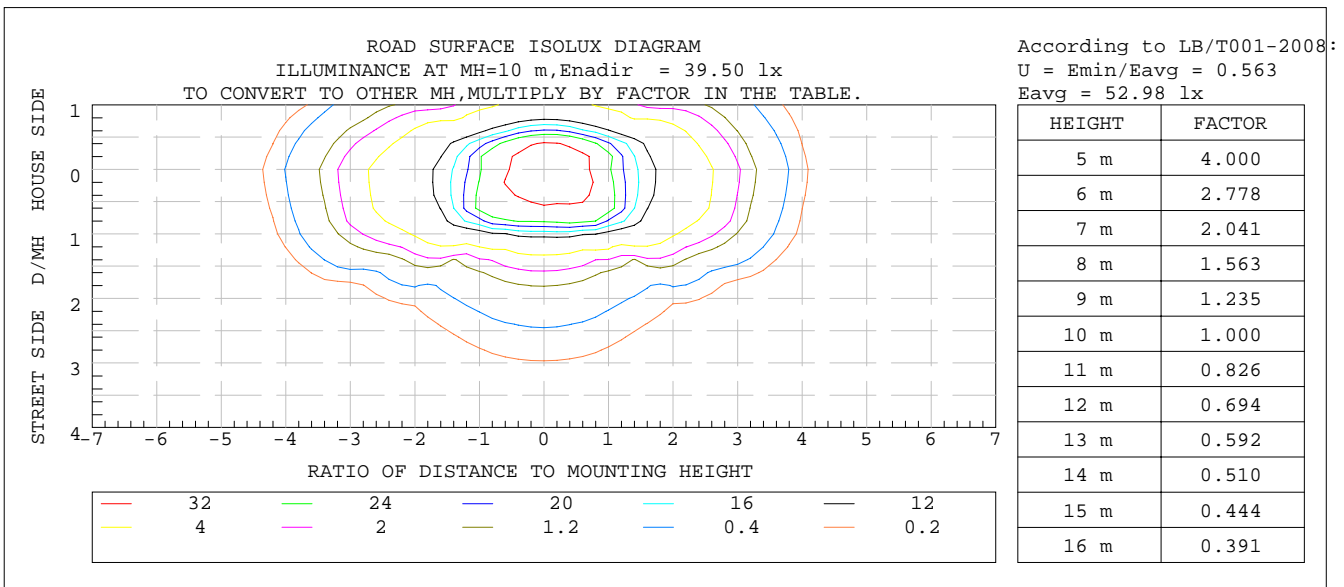
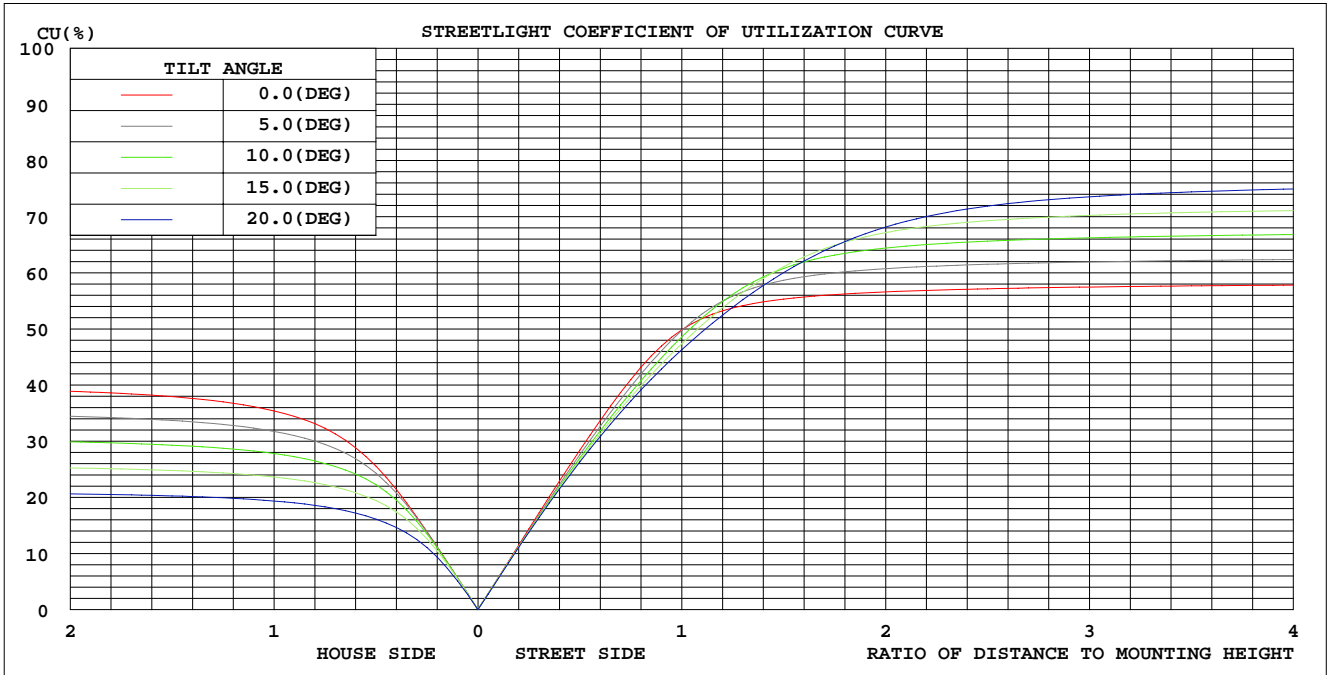
Classification:  
 IES:Type II - Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:39.72cd/klm  
 Max.At90:8.138cd/klm  
 Max.80-90:39.72cd/klm  
 NRB 5101:Semi limited[14.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10402
90%	9362
80%	8321
70%	7281
60%	6241
50%	5201
40%	4161
30%	3121
20%	2080
10%	1040
5%	520

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-01

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

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: 2013-07-01

$\gamma$  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=1.000]  
Remarks: LED:XTE

ZONAL FLUX DIAGRAM

Test:U:220.9V I:1.005A P:217.2W PF:0.9780 Lamp Flux:19448.4x1 lm		
NAME: LED street light	TYPE:	WEIGHT:11
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

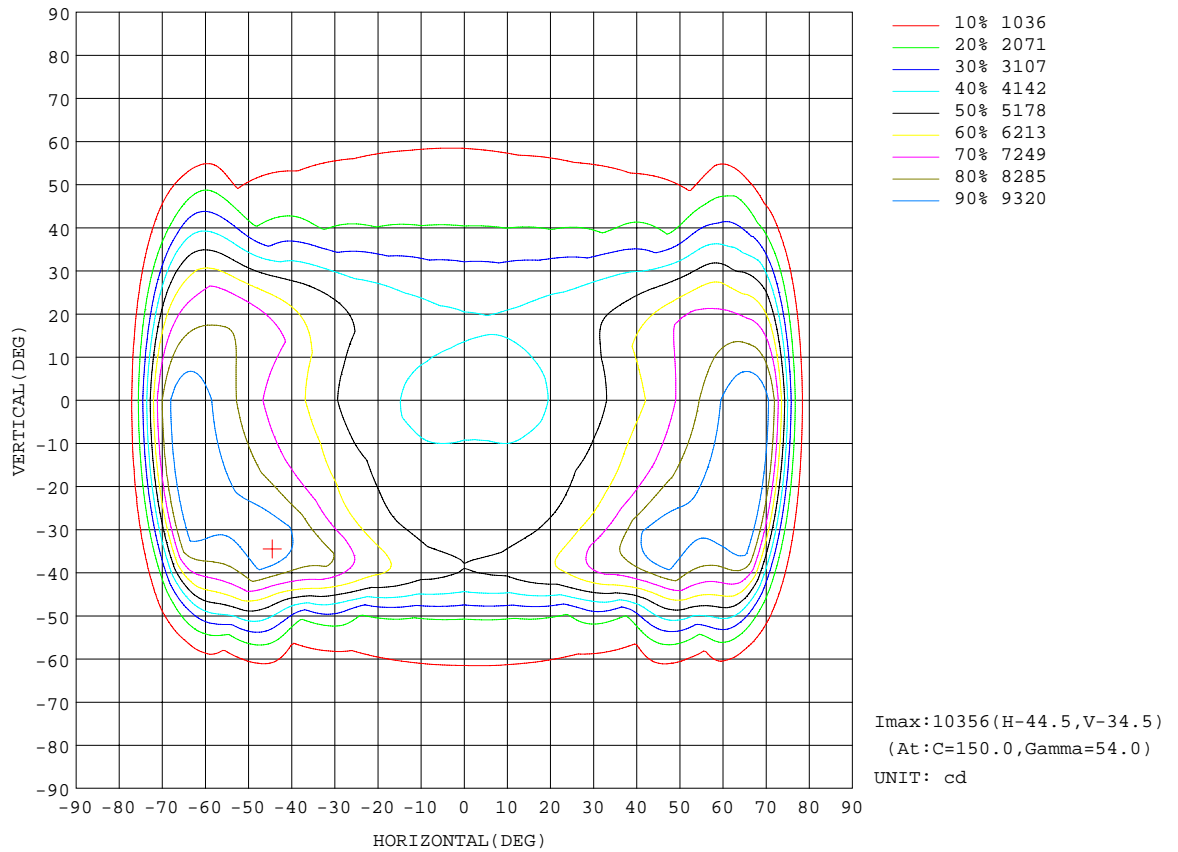
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	394.6	404.5	417.8	406.1	399.7	406.9	410.3	403.6	0- 10	382.6	382.6	1.97,1.97
20	414.1	433.2	451.6	454.2	436.6	438.4	416.3	422.1	10- 20	1189	1572	8.08,8.08
30	479.9	494.4	482.9	533.2	522.4	462.8	337.8	435.3	20- 30	2096	3668	18.9,18.9
40	602.3	635.5	513.8	691.2	637.2	376.1	211.7	349.3	30- 40	3104	6772	34.8,34.8
50	739.0	732.7	227.5	789.9	774.8	197.2	146.7	187.3	40- 50	3944	10716	55.1,55.1
60	937.9	181.7	112.8	205.8	951.1	119.4	96.69	116.2	50- 60	3883	14599	75.1,75.1
70	956.6	62.66	66.01	61.18	825.7	56.21	58.38	55.93	60- 70	3174	17773	91.4,91.4
80	54.39	30.00	39.29	28.95	41.98	28.06	34.81	24.45	70- 80	1202	18975	97.6,97.6
90	10.23	10.68	3.589	9.593	8.788	7.880	2.973	7.979	80- 90	266.7	19242	98.9,98.9
100	7.244	4.651	0.5200	3.962	6.528	4.303	0.5214	4.726	90-100	58.46	19300	99.2,99.2
110	4.608	1.991	0.8839	2.305	5.047	2.933	1.374	2.767	100-110	35.81	19336	99.4,99.4
120	3.910	1.921	1.939	1.977	3.847	2.790	2.393	2.819	110-120	25.58	19361	99.6,99.6
130	3.642	2.192	2.615	2.193	3.490	2.831	3.153	3.037	120-130	23.75	19385	99.7,99.7
140	3.366	2.449	3.873	2.343	3.158	2.668	4.260	3.207	130-140	22.00	19407	99.8,99.8
150	3.015	2.512	3.558	2.213	2.813	2.628	3.715	3.023	140-150	18.37	19426	99.9,99.9
160	2.711	2.536	2.924	2.306	2.560	2.650	3.162	2.865	150-160	12.89	19438	99.9,99.9
170	2.595	2.517	2.592	2.459	2.509	2.486	2.728	2.689	160-170	7.489	19446	100,100
180	2.532	2.464	2.526	2.534	2.529	2.458	2.535	2.526	170-180	2.438	19448	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:梅媛屏  
 Test Date:2013-07-01

$\gamma$  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

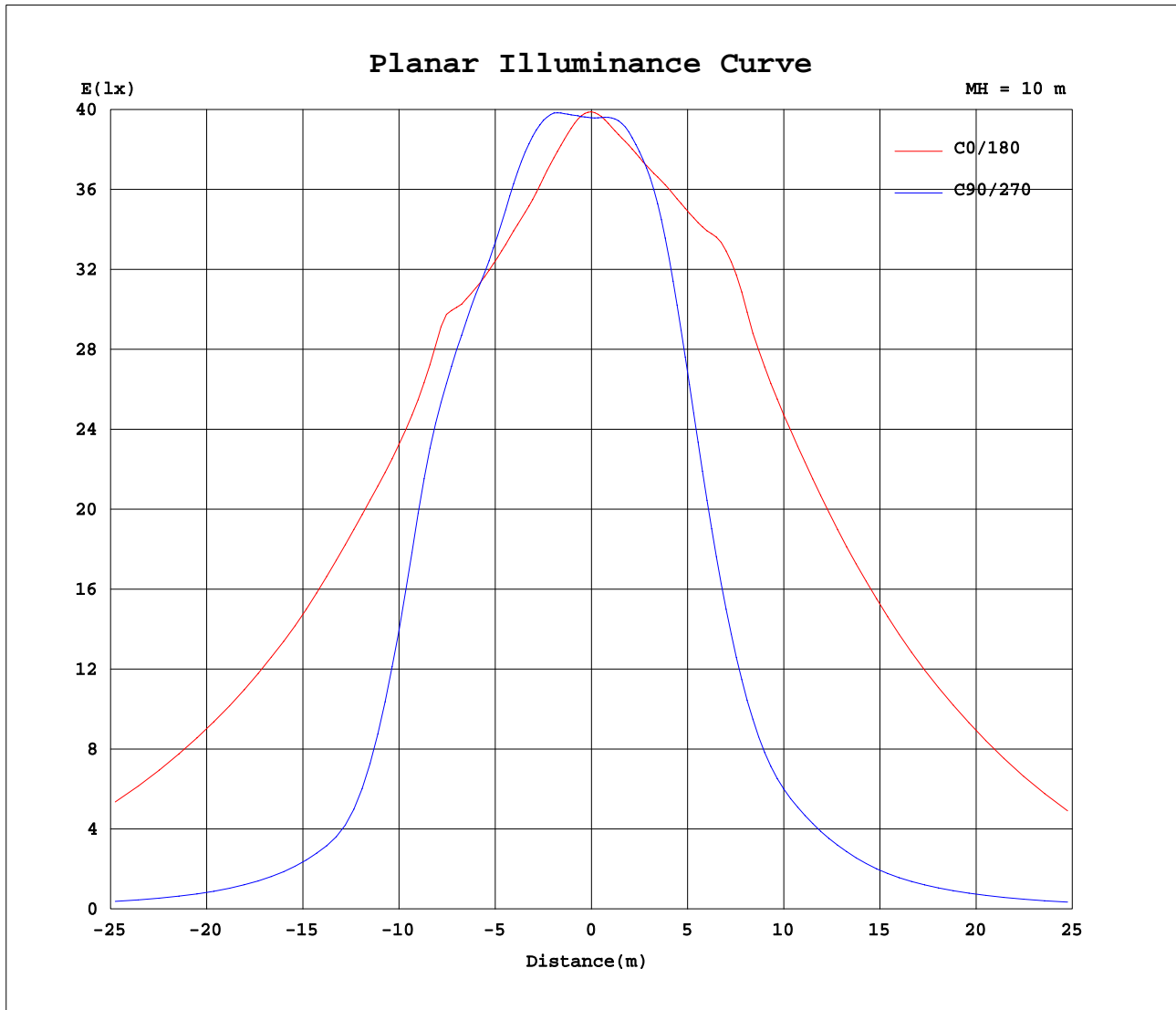
Test:U:220.9V I:1.005A P:217.2W PF:0.9780 Lamp Flux:19448.4x1 lm		
NAME: LED street light	TYPE:	WEIGHT:11
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: 梅媛屏  
 Test Date: 2013-07-01

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: 2013-07-01

$\gamma$  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