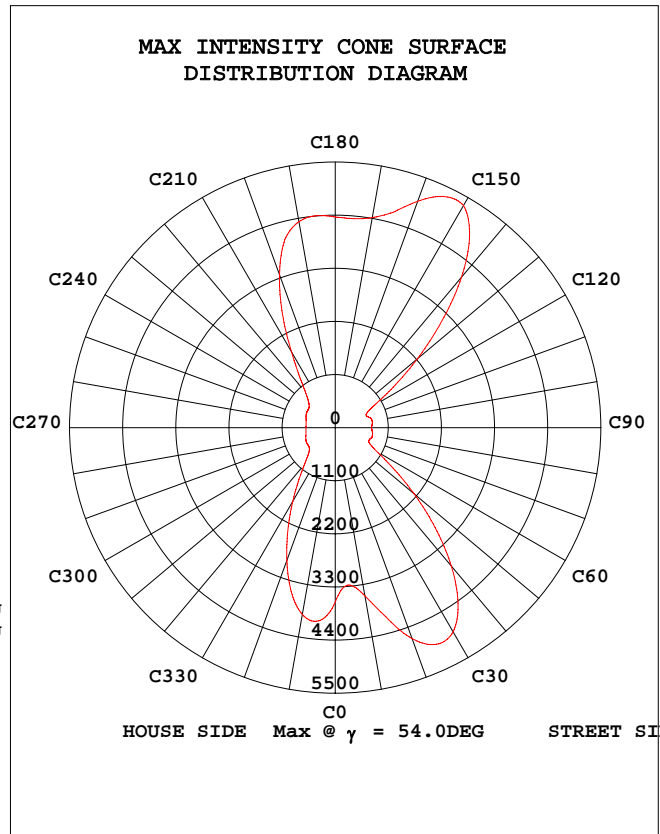
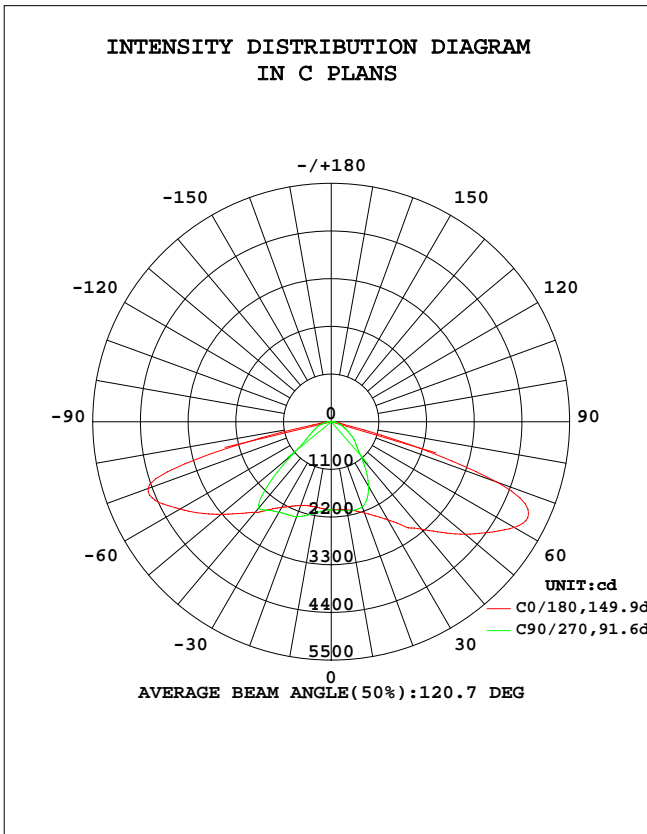


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.0V I:0.4390A P:90.60W PF:0.9340 Lamp Flux:9716.04x1 lm		
NAME: LED street light	TYPE:	WEIGHT:5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.24 lm/W			
MODEL	LT-T-032	I _{max} (cd)	5314	η street_up(%)	0.5
NOMINAL POWER(W)	92	LOR(%)	100.0	η street_down(%)	58.2
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	9716	η house_up(%)	0.5
NOMINAL FLUX(lm)	9716.04	MAXIMUM @(C,γ)	150,54.0	η house_down(%)	40.8
LAMPS INSIDE	1	η up(%)	1.1	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	221.0	η down(%)	98.9	SLI	19.740



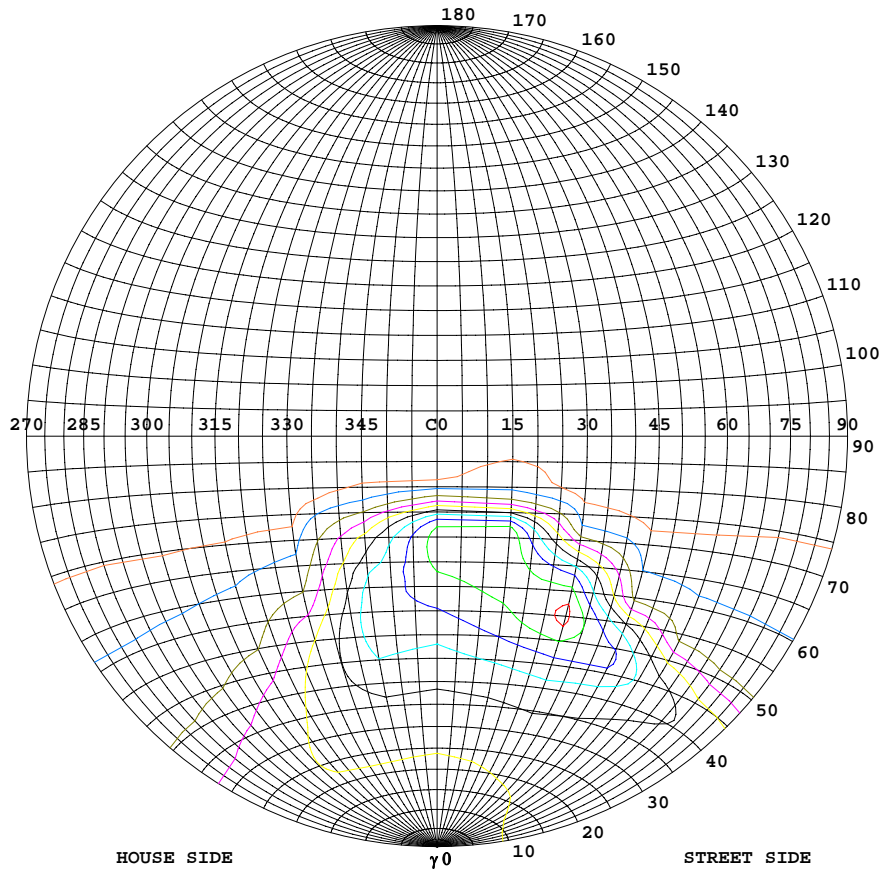
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:梅媛屏
 Test Date:2013-06-29

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:221.0V I:0.4390A P:90.60W PF:0.9340 Lamp Flux:9716.04x1 lm		
NAME: LED street light	TYPE:	WEIGHT:5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



Classification:

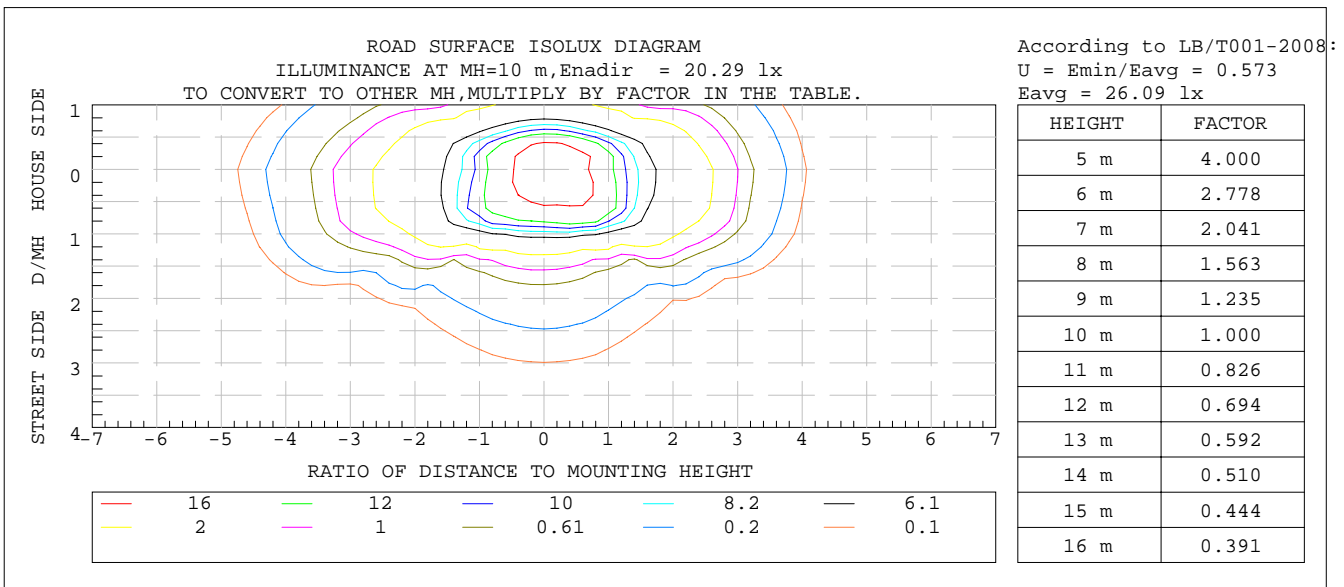
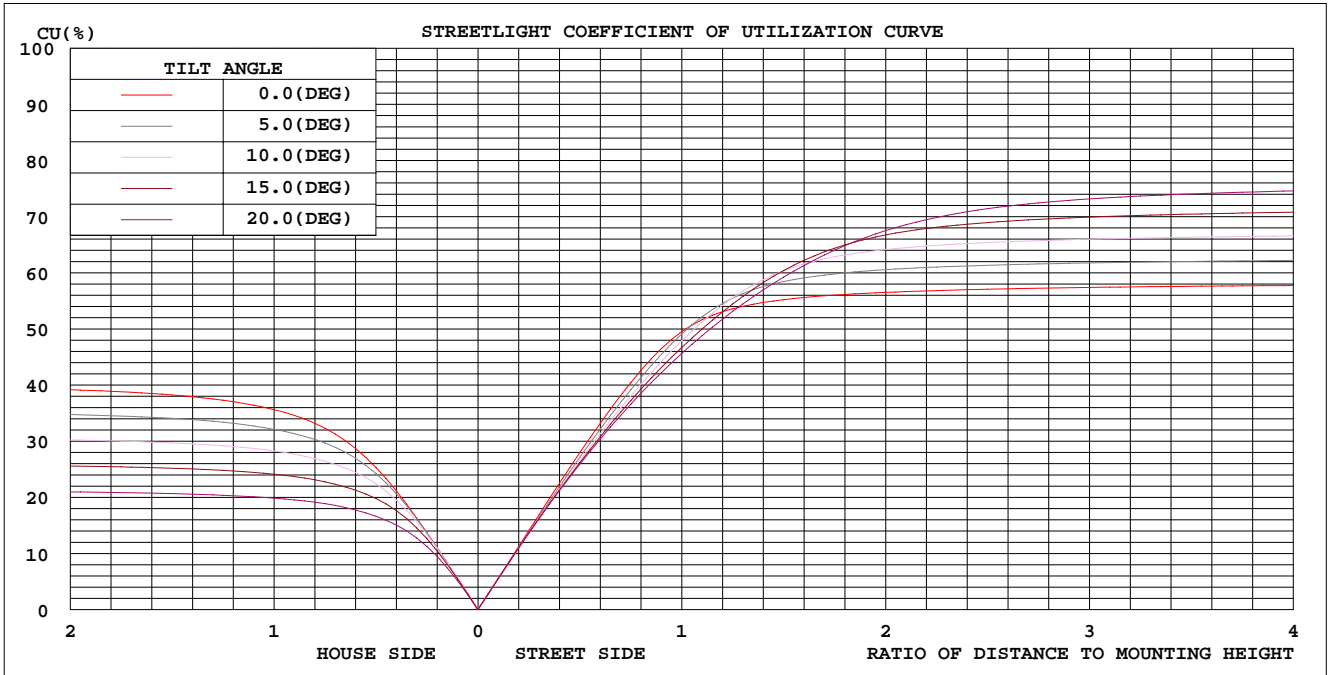
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:45.56cd/klm
 Max.At90:10.06cd/klm
 Max.80-90:45.56cd/klm
 NRB 5101:Semi limited[23.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5314
90%	4783
80%	4251
70%	3720
60%	3189
50%	2657
40%	2126
30%	1594
20%	1063
10%	531
5%	266

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:梅媛屏
 Test Date:2013-06-29

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: 2013-06-29

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

ZONAL FLUX DIAGRAM

Test:U:221.0V I:0.4390A P:90.60W PF:0.9340 Lamp Flux:9716.04x1 lm		
NAME: LED street light	TYPE:	WEIGHT:5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

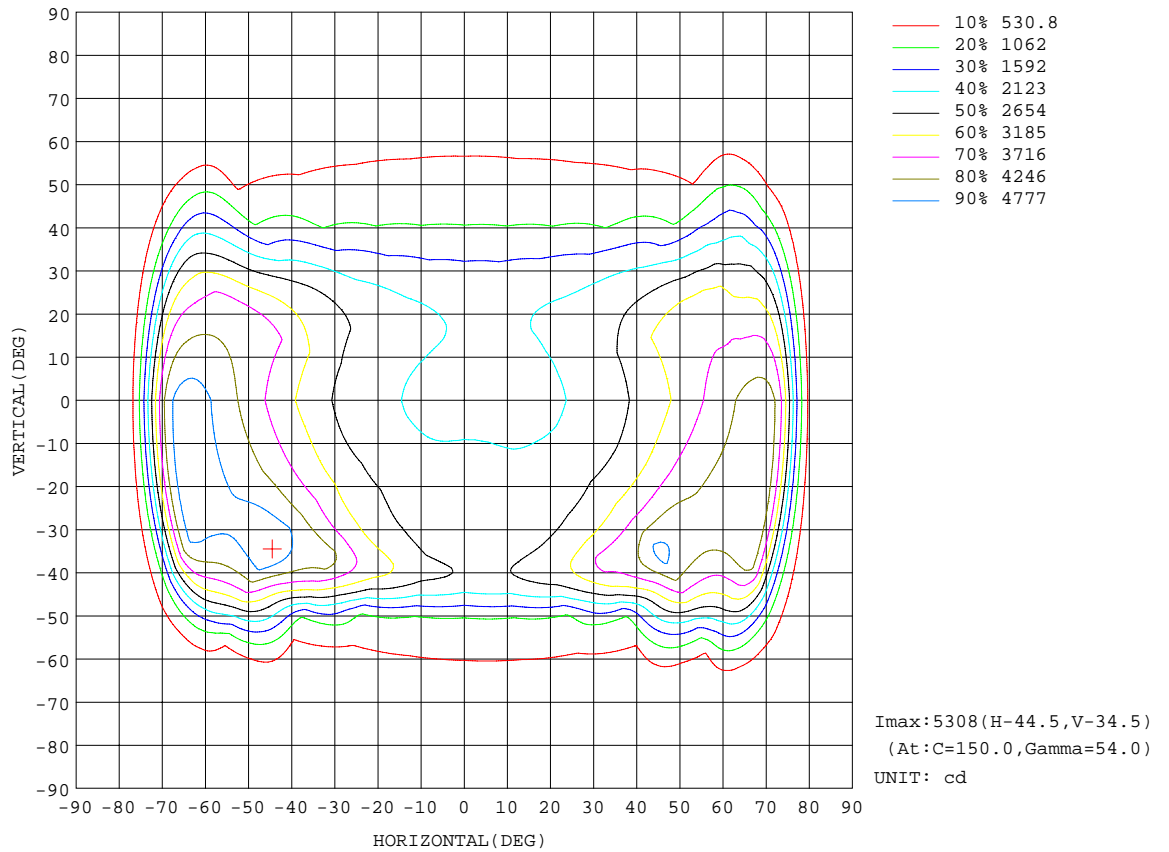
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2001	2071	2141	2091	2062	2083	2086	2045	0- 10	195.8	195.8	2.02,2.02
20	2056	2184	2330	2332	2240	2226	2089	2102	10- 20	605.2	801.0	8.24,8.24
30	2282	2441	2411	2746	2614	2332	1722	2148	20- 30	1052	1853	19.1,19.1
40	2729	2958	2599	3511	3236	1945	1098	1813	30- 40	1531	3384	34.8,34.8
50	3324	3691	1134	4114	4037	1044	717.8	1048	40- 50	1970	5354	55.1,55.1
60	4029	941.0	540.2	947.7	4875	584.4	439.3	606.0	50- 60	1924	7278	74.9,74.9
70	4494	324.6	341.1	288.3	4056	247.8	247.2	276.7	60- 70	1561	8838	91,91
80	433.7	154.4	174.7	143.8	207.2	121.0	148.2	128.7	70- 80	644.3	9482	97.6,97.6
90	56.43	56.72	21.82	48.34	33.94	35.99	40.75	55.17	80- 90	130.7	9613	98.9,98.9
100	32.06	21.45	2.246	17.95	37.09	18.60	3.565	21.84	90-100	31.09	9644	99.3,99.3
110	22.01	9.325	4.573	8.999	19.93	13.04	8.687	13.57	100-110	15.65	9660	99.4,99.4
120	19.45	9.373	10.58	9.784	18.31	13.67	13.84	14.34	110-120	12.24	9672	99.5,99.5
130	18.42	10.98	13.32	11.00	17.24	14.03	17.27	15.63	120-130	11.98	9684	99.7,99.7
140	17.18	12.40	17.53	11.87	15.55	13.36	20.62	16.65	130-140	11.13	9695	99.8,99.8
150	15.45	12.79	16.64	11.54	13.94	13.40	18.24	15.73	140-150	9.174	9704	99.9,99.9
160	14.02	13.10	14.61	11.85	12.82	13.43	16.00	15.00	150-160	6.549	9711	99.9,99.9
170	13.35	12.93	13.02	12.57	12.70	12.62	13.61	13.75	160-170	3.829	9715	100,100
180	13.00	12.65	12.89	13.07	12.98	12.61	12.90	13.09	170-180	1.242	9716	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:2013-06-29

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

ISOCANDELA DIAGRAM

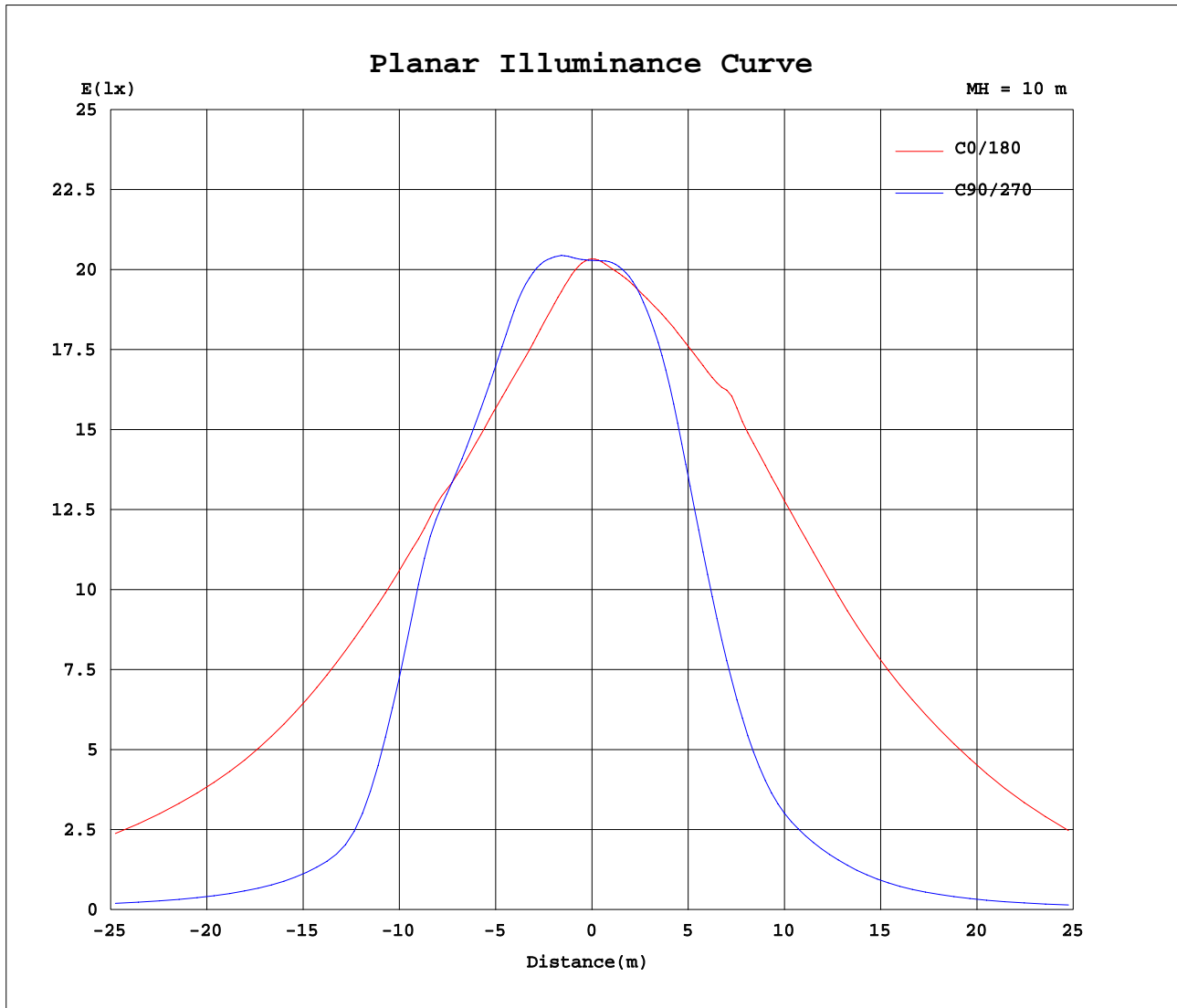
Test:U:221.0V I:0.4390A P:90.60W PF:0.9340 Lamp Flux:9716.04x1 lm		
NAME: LED street light	TYPE:	WEIGHT:5
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators: 梅媛屏
 Test Date: 2013-06-29

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: 2013-06-29

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