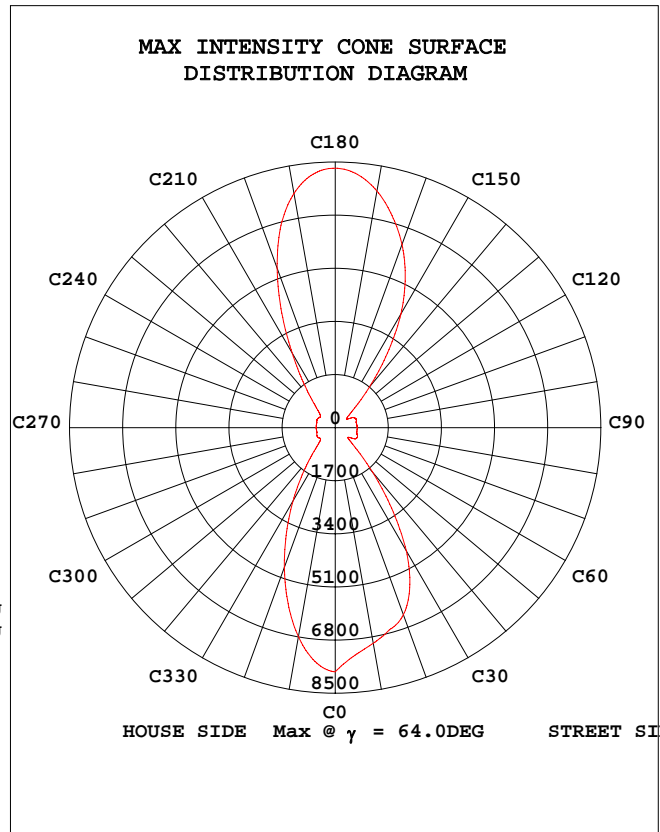
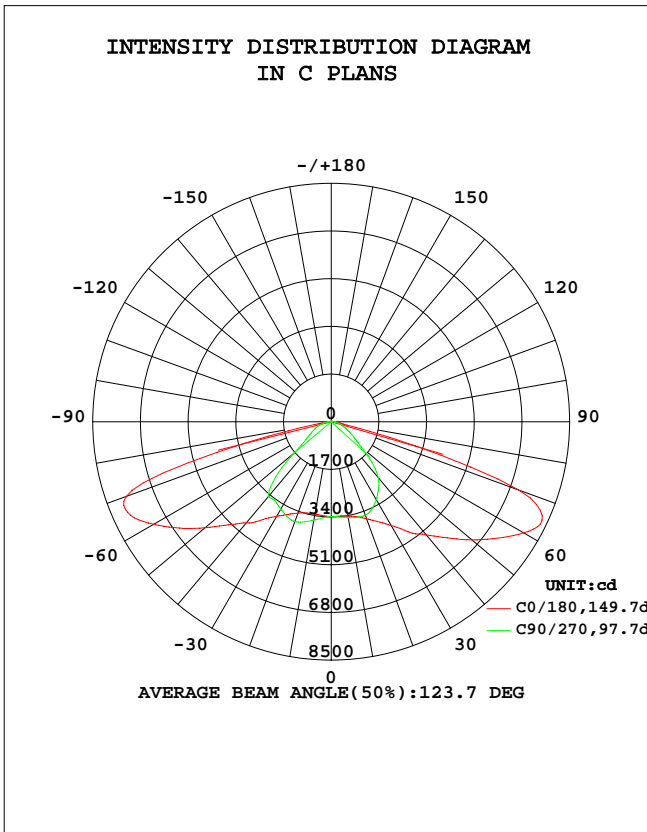


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.8400A P:180.9W PF:0.9750 Lamp Flux:16125.5x1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.14 lm/W			
MODEL	LT-T-032	I _{max} (cd)	8303	η street_up(%)	0.6
NOMINAL POWER(W)	182	LOR(%)	100.0	η street_down(%)	52.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16126	η house_up(%)	0.5
NOMINAL FLUX(lm)	16125.5	MAXIMUM @(C,γ)	180,64.0	η house_down(%)	46.3
LAMPS INSIDE	1	η up(%)	1.1	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.8	η down(%)	98.9	SLI	20.215



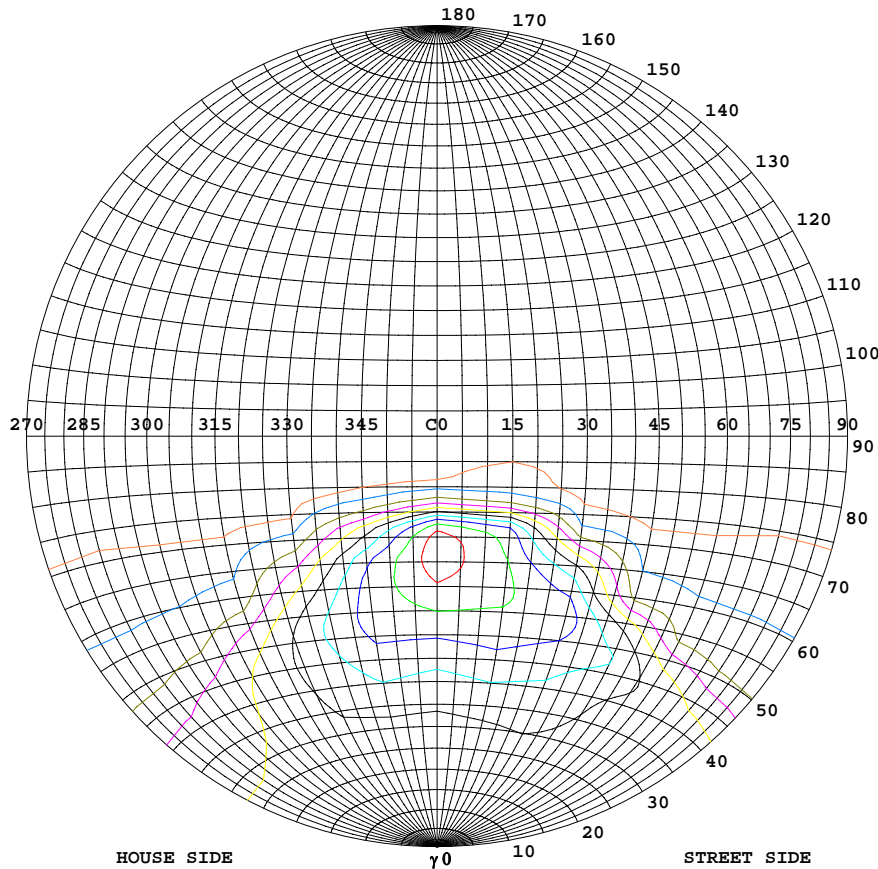
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators: 梅媛屏
 Test Date: 2013-06-28

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:0.8400A P:180.9W PF:0.9750 Lamp Flux:16125.5x1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



Classification:

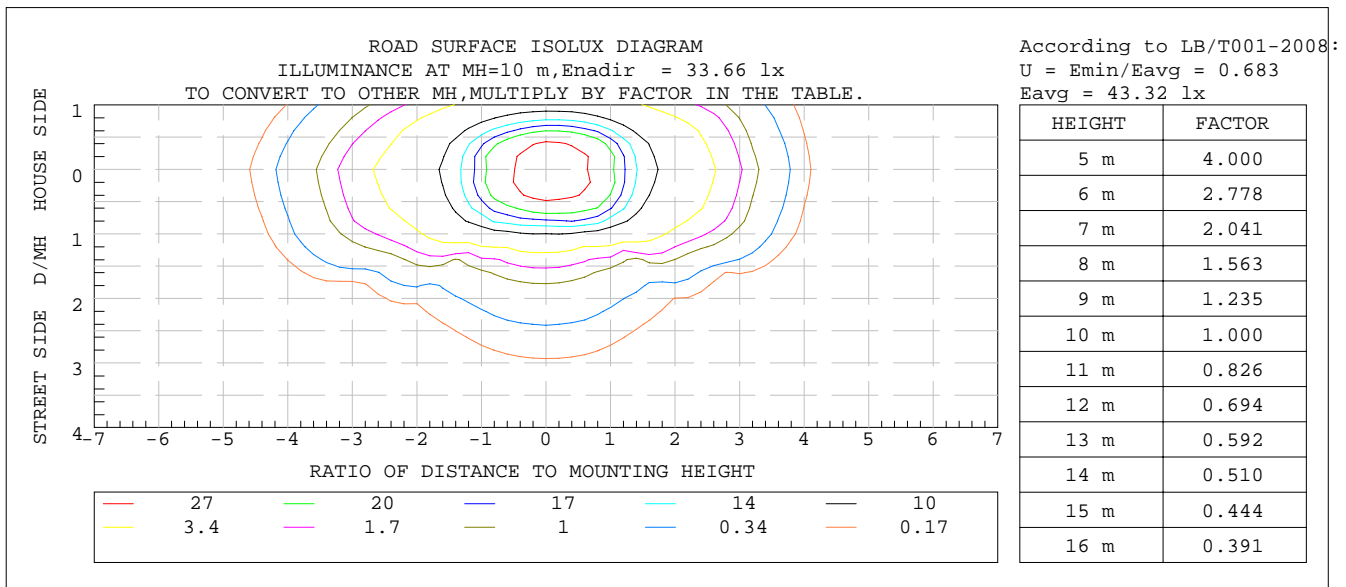
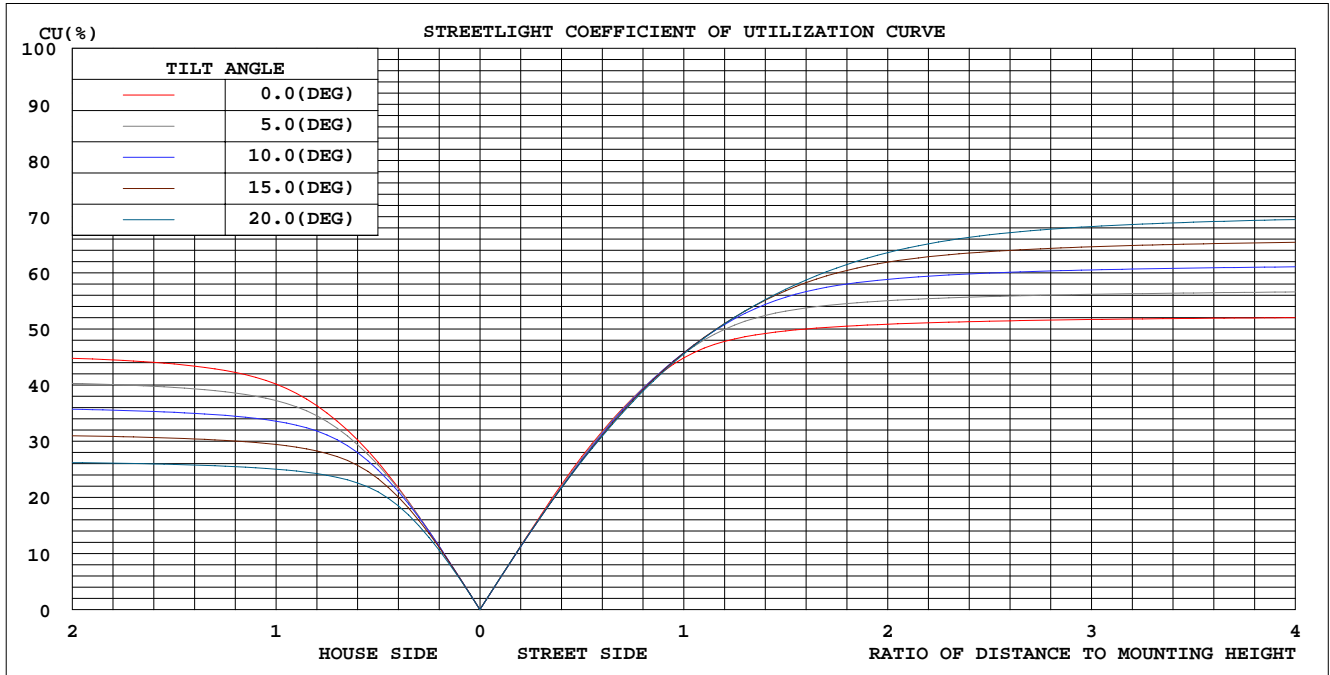
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:38.36cd/klm
 Max.At90:8.714cd/klm
 Max.80-90:38.36cd/klm
 NRB 5101:Semi limited[19.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8303
90%	7473
80%	6643
70%	5812
60%	4982
50%	4152
40%	3321
30%	2491
20%	1661
10%	830
5%	415

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

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: 2013-06-28

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:220.9V I:0.8400A P:180.9W PF:0.9750 Lamp Flux:16125.5x1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:

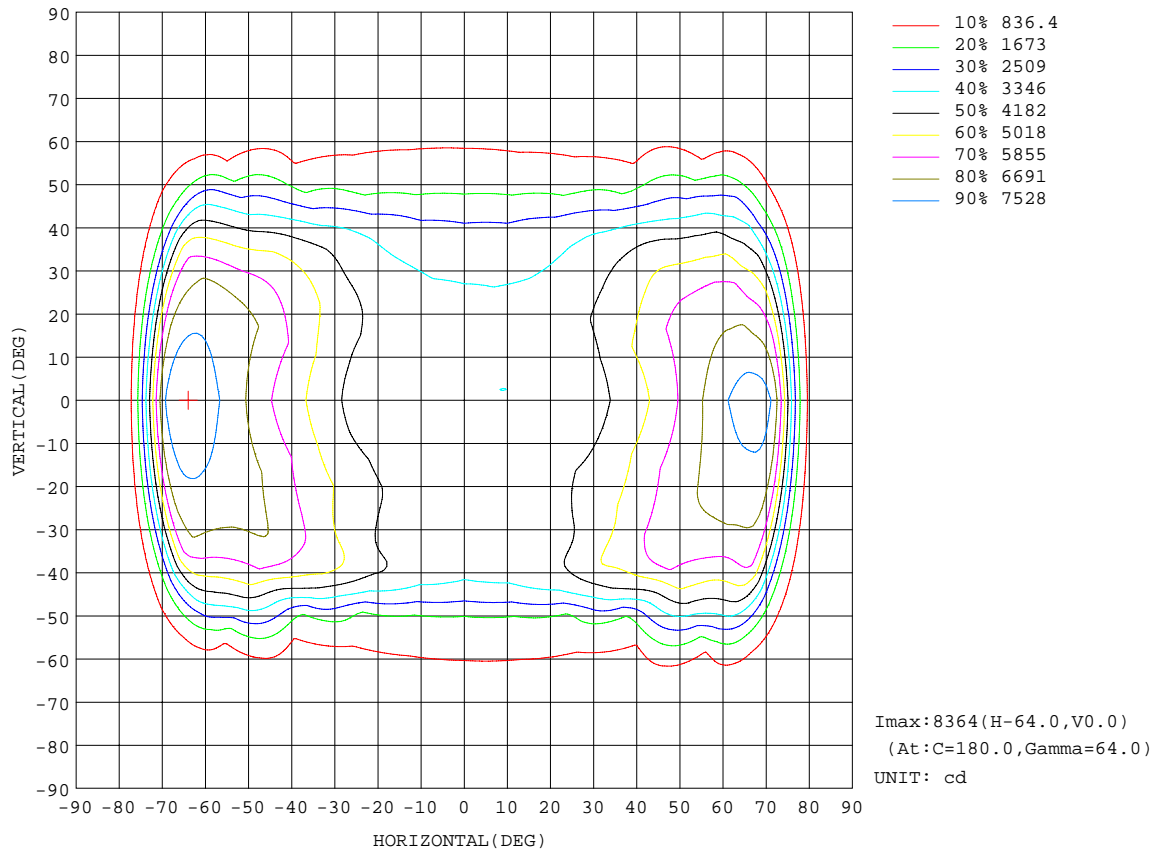
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3344	3457	3560	3480	3413	3439	3471	3406	0- 10	325.9	325.9	2.02,2.02
20	3468	3661	3790	3829	3681	3674	3546	3528	10- 20	1006	1332	8.26,8.26
30	3896	3995	3599	4306	4272	3997	3210	3719	20- 30	1747	3078	19.1,19.1
40	4700	4265	3465	4716	5260	4039	2608	3683	30- 40	2532	5610	34.8,34.8
50	5880	4827	1701	5081	6555	3404	1405	3211	40- 50	3258	8868	55,55
60	7313	1469	852.5	1342	7929	1222	766.3	1192	50- 60	3201	12069	74.8,74.8
70	7777	513.2	536.5	468.0	7089	435.2	442.8	463.2	60- 70	2615	14684	91.1,91.1
80	618.6	251.0	287.6	245.4	366.6	233.0	236.7	206.5	70- 80	1046	15729	97.5,97.5
90	89.33	90.22	41.67	78.54	61.32	73.43	79.83	87.39	80- 90	222.6	15952	98.9,98.9
100	54.87	37.59	3.807	33.99	67.17	36.86	5.774	32.82	90-100	52.85	16005	99.3,99.3
110	35.57	18.56	8.234	18.47	35.01	21.05	14.26	19.49	100-110	27.28	16032	99.4,99.4
120	31.60	18.68	18.81	19.34	30.75	20.93	22.38	20.43	110-120	20.70	16053	99.5,99.5
130	29.59	20.97	24.67	20.41	28.64	21.59	27.42	22.84	120-130	20.00	16073	99.7,99.7
140	27.37	22.64	31.76	20.69	25.79	21.11	32.62	24.59	130-140	18.46	16091	99.8,99.8
150	24.74	22.55	29.45	20.50	23.35	21.21	28.77	23.76	140-150	15.14	16106	99.9,99.9
160	22.68	22.66	25.56	20.95	21.60	21.18	25.29	23.25	150-160	10.84	16117	99.9,99.9
170	21.89	21.79	22.10	21.20	21.20	20.62	21.93	22.05	160-170	6.335	16123	100,100
180	21.41	20.90	21.24	21.36	21.38	20.87	21.29	21.39	170-180	2.052	16126	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:2013-06-28

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

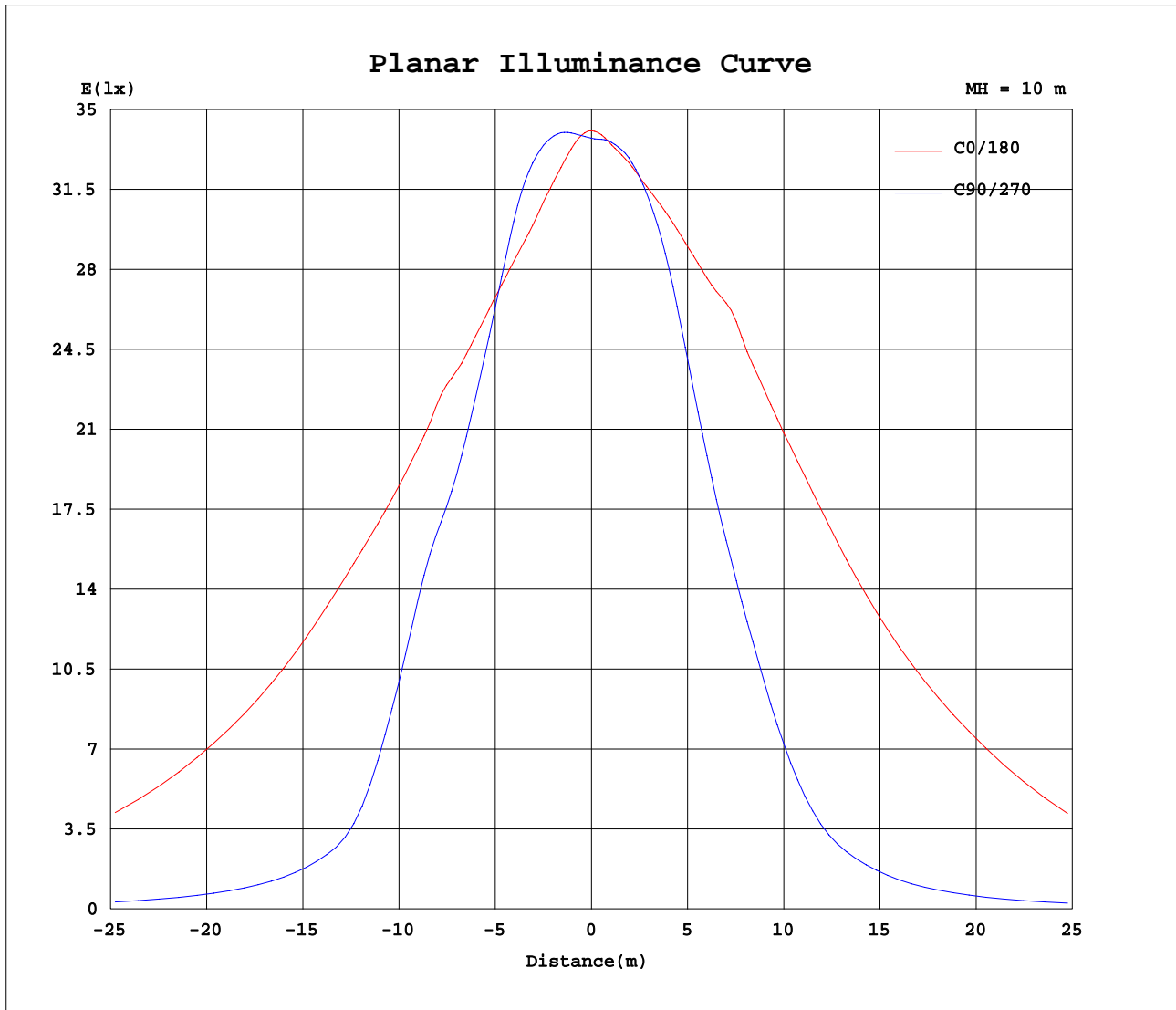
Test:U:220.9V I:0.8400A P:180.9W PF:0.9750 Lamp Flux:16125.5x1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



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

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: 2013-06-28

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