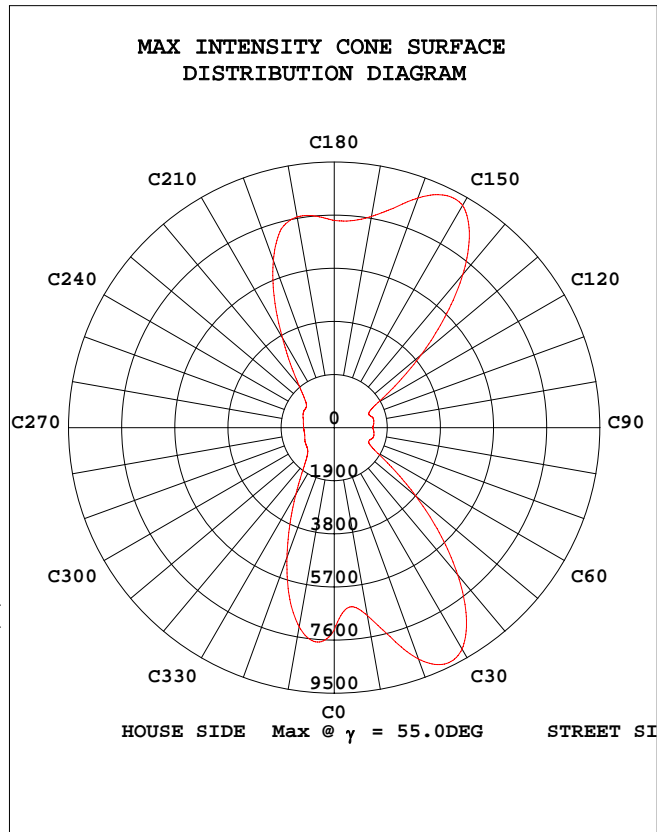
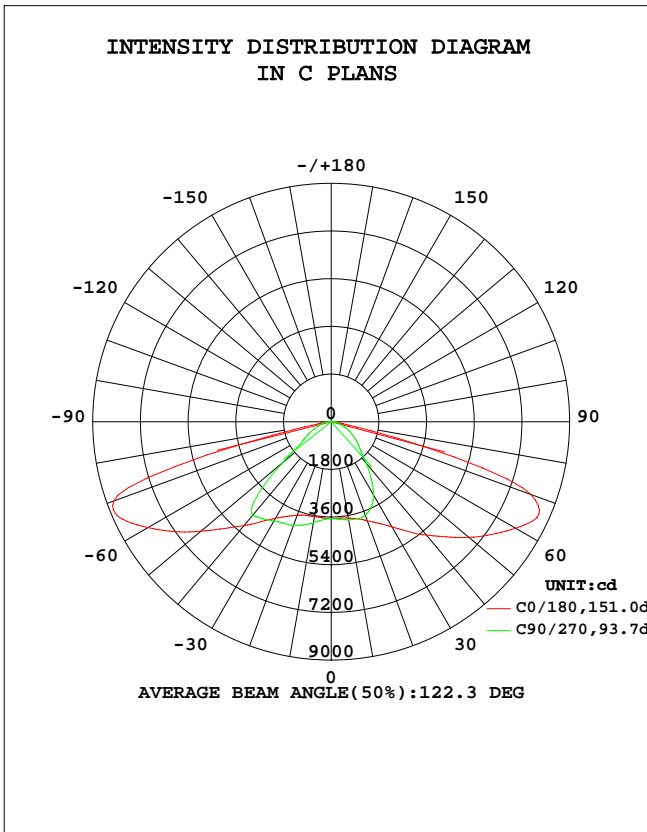


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.8690A P:187.8W PF:0.9780 Lamp Flux:17931x1 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: 95.48 lm/W			
MODEL	LT-T-032	I _{max} (cd)	9185	η street_up(%)	0.5
NOMINAL POWER(W)	188	LOR(%)	100.0	η street_down(%)	58.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	17931	η house_up(%)	0.5
NOMINAL FLUX(lm)	17931	MAXIMUM @(C,γ)	150,55.0	η house_down(%)	40.7
LAMPS INSIDE	1	η up(%)	1.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.8	η down(%)	99.0	SLI	20.157



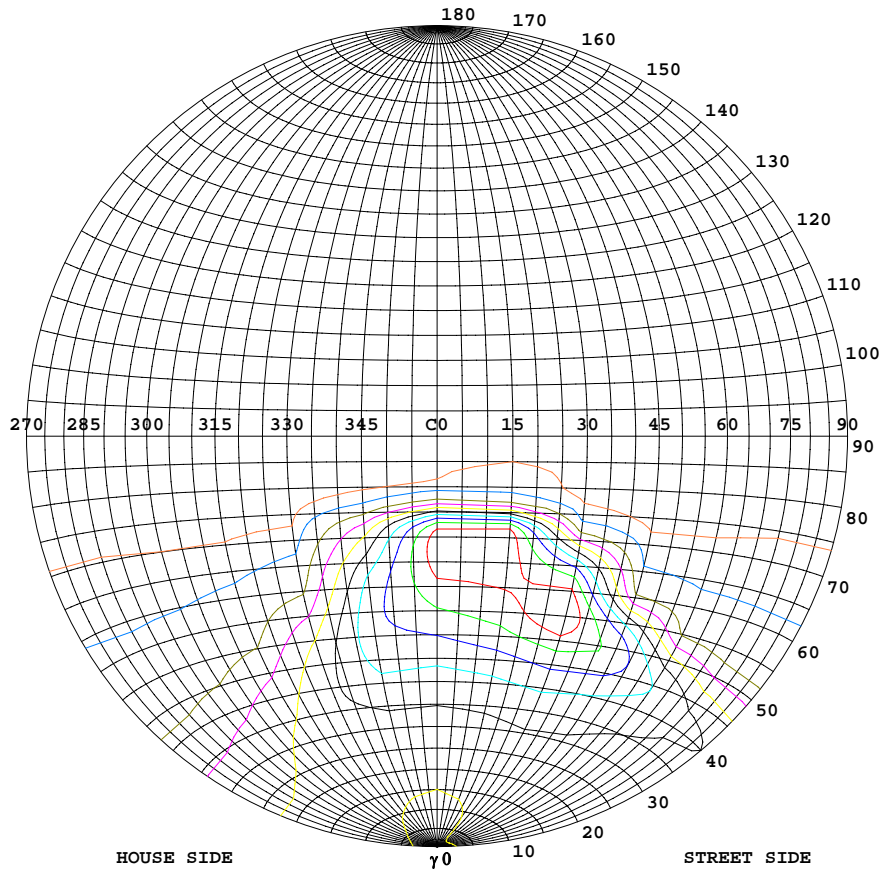
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:梅媛屏
 Test Date:2013-06-27

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:220.8V I:0.8690A P:187.8W PF:0.9780 Lamp Flux:1793lx1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



Classification:

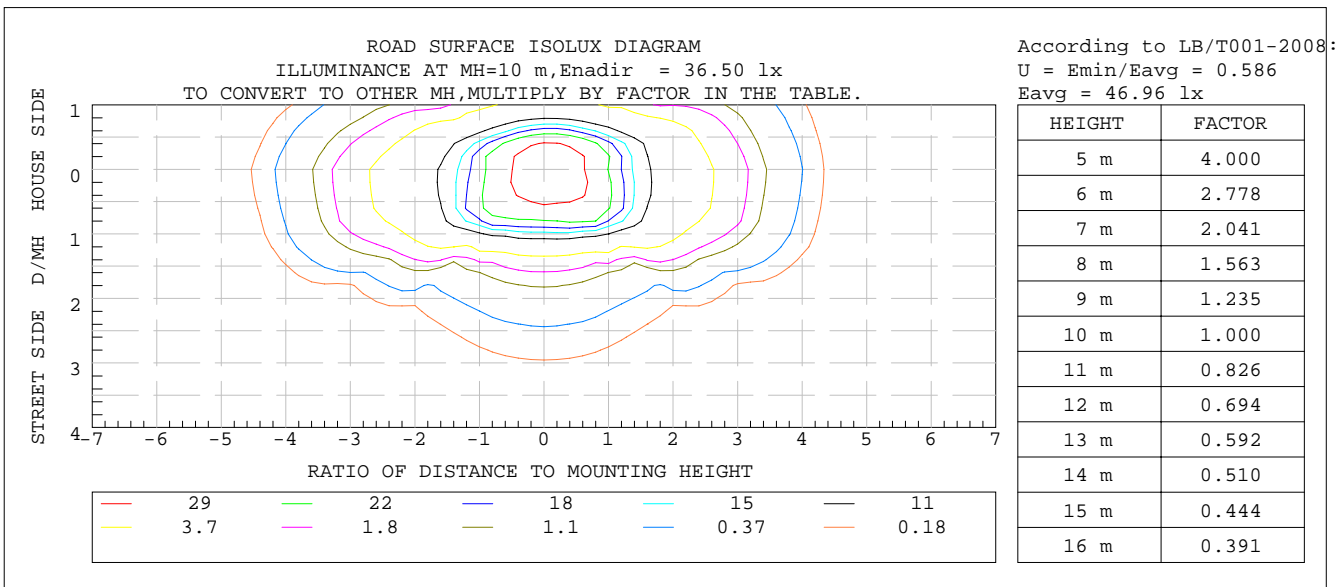
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:43.63cd/klm
 Max.At90:7.092cd/klm
 Max.80-90:43.66cd/klm
 NRB 5101:Semi limited[19.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9185
— 90%	8267
— 80%	7348
— 70%	6430
— 60%	5511
— 50%	4593
— 40%	3674
— 30%	2756
— 20%	1837
— 10%	919
— 5%	459

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:梅媛屏
 Test Date:2013-06-27

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: 2013-06-27

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:220.8V I:0.8690A P:187.8W PF:0.9780 Lamp Flux:17931x1 lm		
NAME:	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

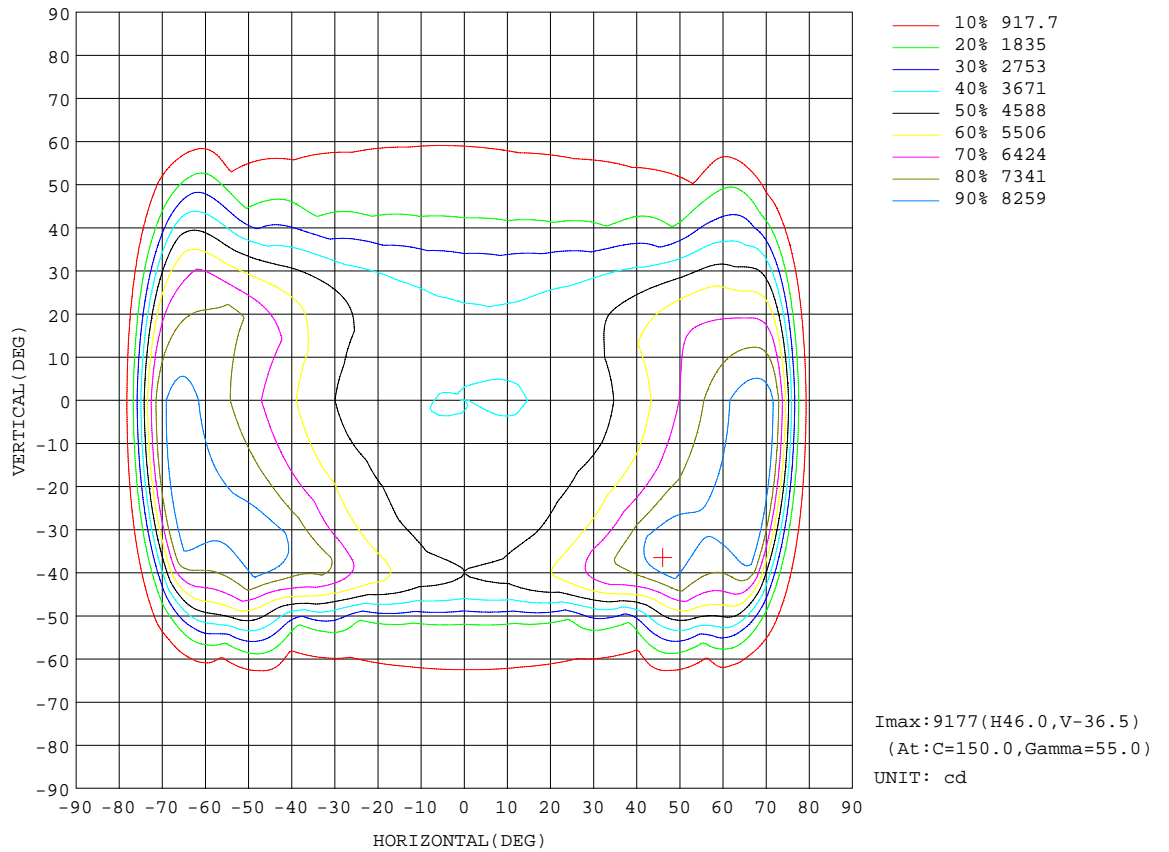
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3635	3736	3867	3757	3694	3749	3762	3708	0- 10	353.1	353.1	1.97,1.97
20	3760	3978	4164	4153	3973	3980	3753	3815	10- 20	1090	1443	8.05,8.05
30	4211	4475	4331	4813	4578	4229	3187	3887	20- 30	1892	3335	18.6,18.6
40	5121	5456	4597	5917	5581	3748	2076	3264	30- 40	2754	6089	34,34
50	6434	7110	2380	7467	6792	2245	1334	1873	40- 50	3578	9666	53.9,53.9
60	7990	2069	1054	2362	8039	1214	873.9	1100	50- 60	3584	13250	73.9,73.9
70	8733	574.1	588.9	575.8	8020	527.4	487.6	478.1	60- 70	2964	16214	90.4,90.4
80	600.0	254.8	313.3	256.4	467.6	244.1	273.8	230.9	70- 80	1294	17508	97.6,97.6
90	74.69	85.43	33.88	82.09	76.85	79.86	37.65	76.07	80- 90	242.3	17751	99,99
100	64.70	41.45	4.451	36.48	56.69	43.36	4.683	35.22	90-100	50.28	17801	99.3,99.3
110	38.57	16.91	7.723	20.98	47.06	27.57	12.58	23.27	100-110	30.96	17832	99.4,99.4
120	34.28	17.19	17.25	17.25	34.40	25.19	21.88	24.50	110-120	22.71	17855	99.6,99.6
130	31.86	19.60	23.38	18.74	30.62	25.17	28.89	26.79	120-130	21.08	17876	99.7,99.7
140	29.15	21.72	31.22	19.85	27.54	23.58	36.73	28.28	130-140	19.38	17895	99.8,99.8
150	26.24	22.24	28.59	19.51	24.67	23.67	31.46	26.63	140-150	15.93	17911	99.9,99.9
160	24.00	22.68	24.85	20.51	22.72	23.48	27.37	25.37	150-160	11.27	17922	100,100
170	23.28	22.84	23.32	22.17	22.62	22.36	24.15	23.98	160-170	6.634	17929	100,100
180	22.99	22.37	22.85	22.91	22.97	22.34	22.91	22.87	170-180	2.190	17931	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:2013-06-27

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

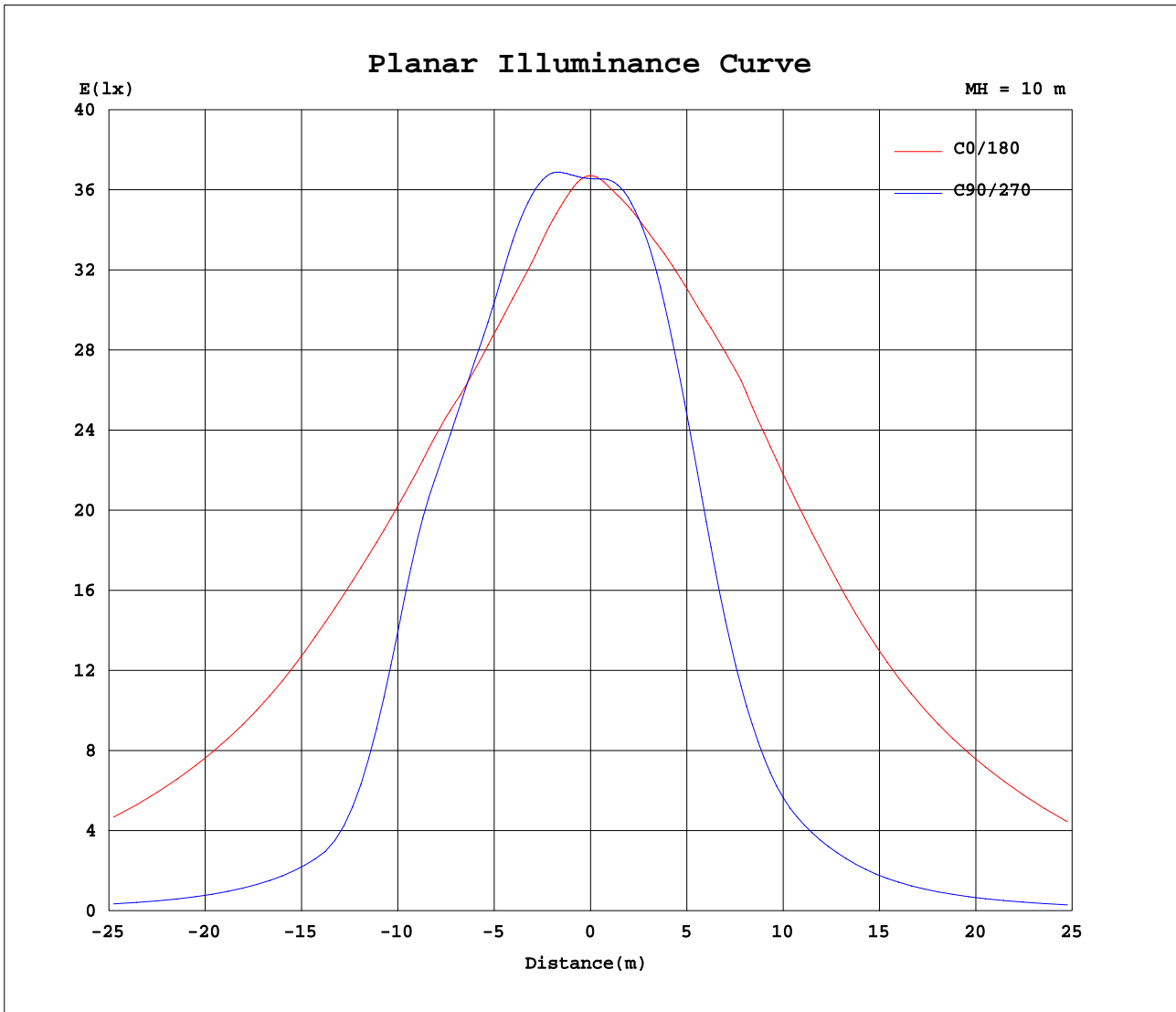
Test:U:220.8V I:0.8690A P:187.8W PF:0.9780 Lamp Flux:17931x1 lm		
NAME: LED street light	TYPE:	WEIGHT:12
SPEC.:	DIM.:	SERIAL No.:
MFR.: Li-Tian Lighting Factory	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators: 梅媛屏
 Test Date: 2013-06-27

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: 2013-06-27

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