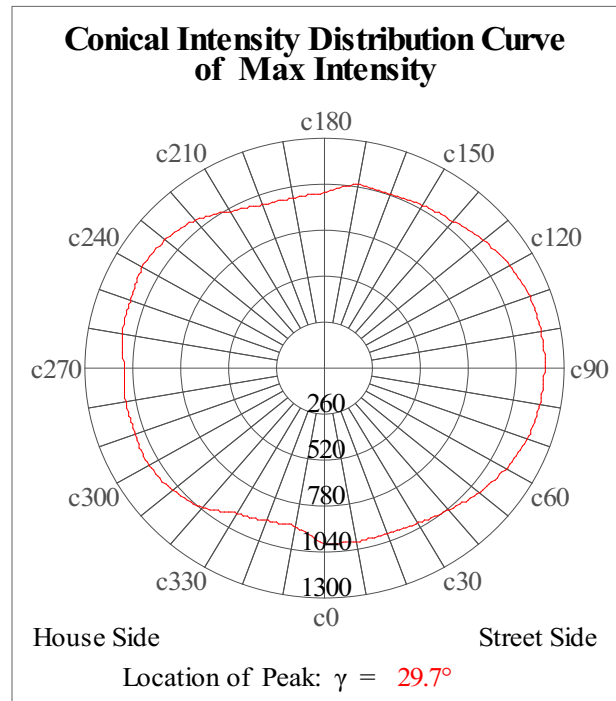
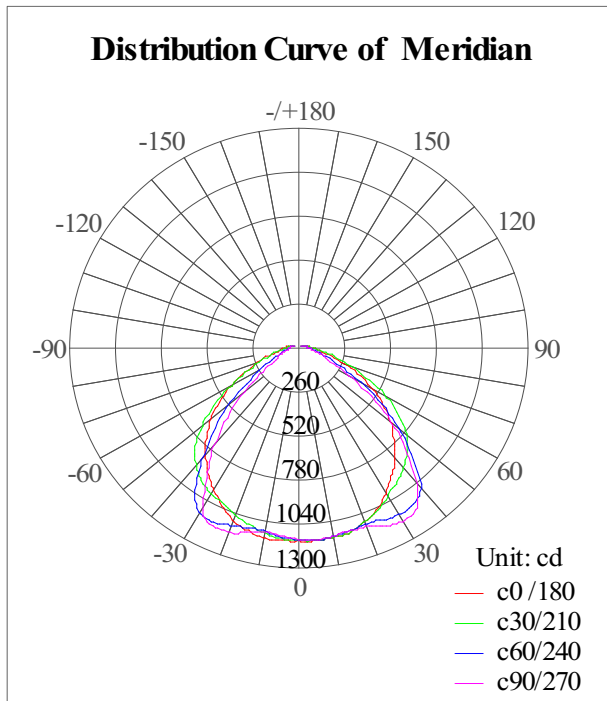


## Photometric Data of Lamp

Lamp Description		
Lamp Name: LED STREET LIGHT	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 235.7 V	Current: 0.149 A	Power: 34.1 W	Power Factor: 0.971
Total Flux	2996.40 lm	Central Intensity	1168.96 cd
Lamp Efficiency	0.00%	Light Efficiency	87.87 lm/W
Peak Intensity	1218.65 cd	Location of Peak(c, $\gamma$ )	(90.0°, 29.7°)
Half-Intensity Angle	93.6°	BeamAngle	126.0°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	1672.96 lm
Upward House Side	0	Downward House Side	1323.55 lm
Flash Area(76°)	0 cm <sup>2</sup>	Discomfort Glare(SLI)	0



c Range: 0-360 Degree

c Interval: 10 Degree

Test Speed: Fast

Test Distance: 5.0 m

Note: notes

 $\gamma$  Range: 0-90 Degree

 $\gamma$  Interval: 0.9 Degree

Test Date: 2013-07-01

Test Time: 21-34-08

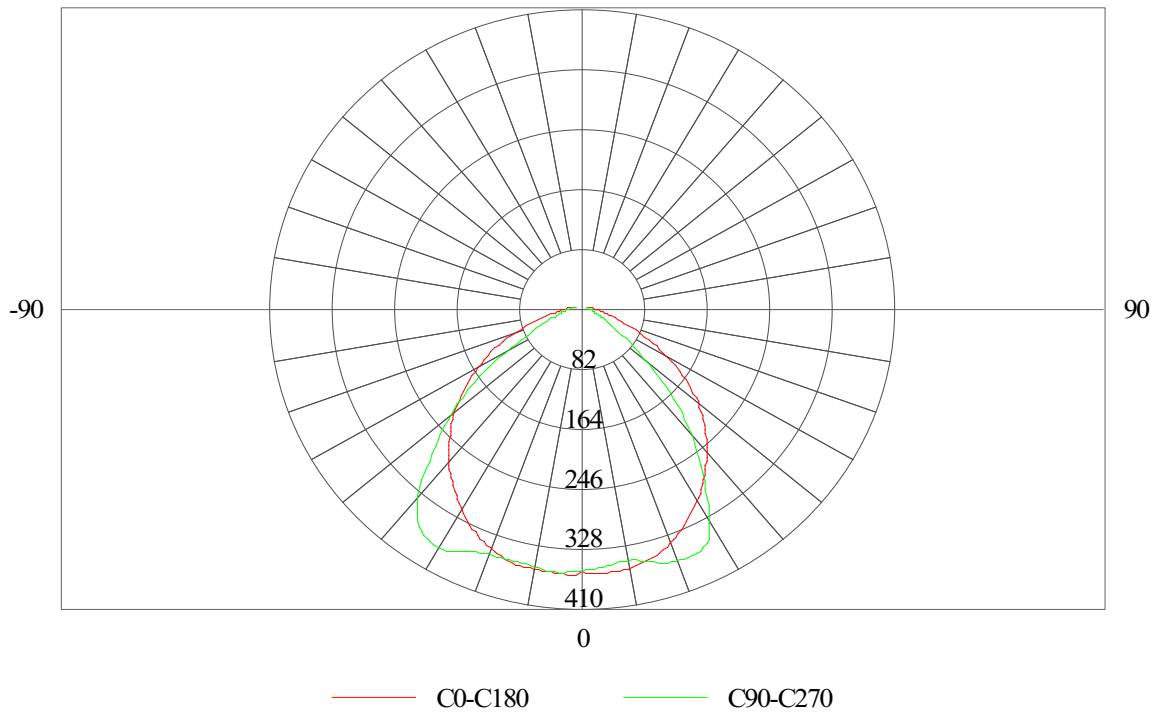
Temperature: 20 Celsius

Humidity: 50%

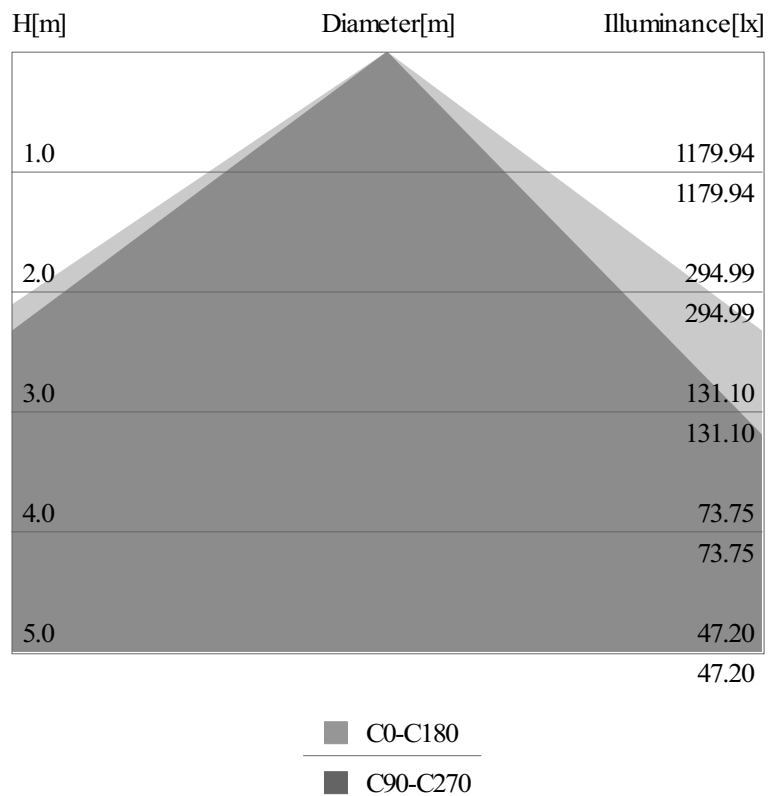
Test No.:

Tester:

### cd/1000 lm Curve

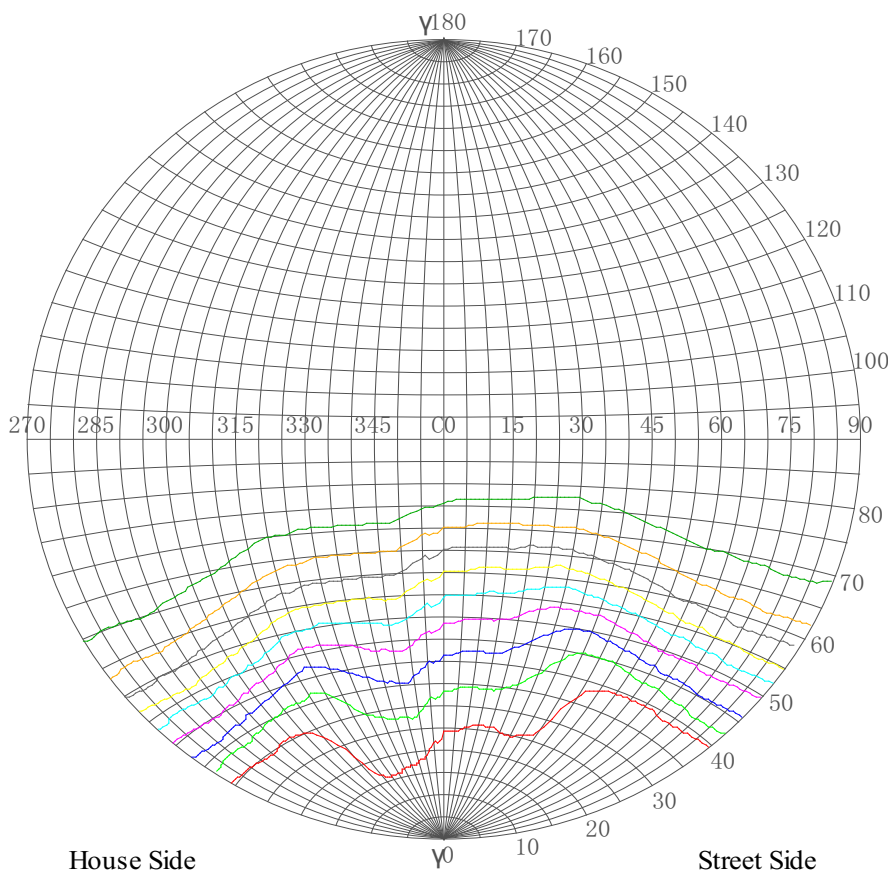


### Illumination Cone Curve



## Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: LED STREET LIGHT	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:



### Road Lamp Type

CIE: semi-cut-off  
 CIE: short-narrow extension  
 IES: cut-off  
 IES: II-very short  
 Max. At80: 38.45cd/klm  
 Max. At90: 11.5305cd/klm

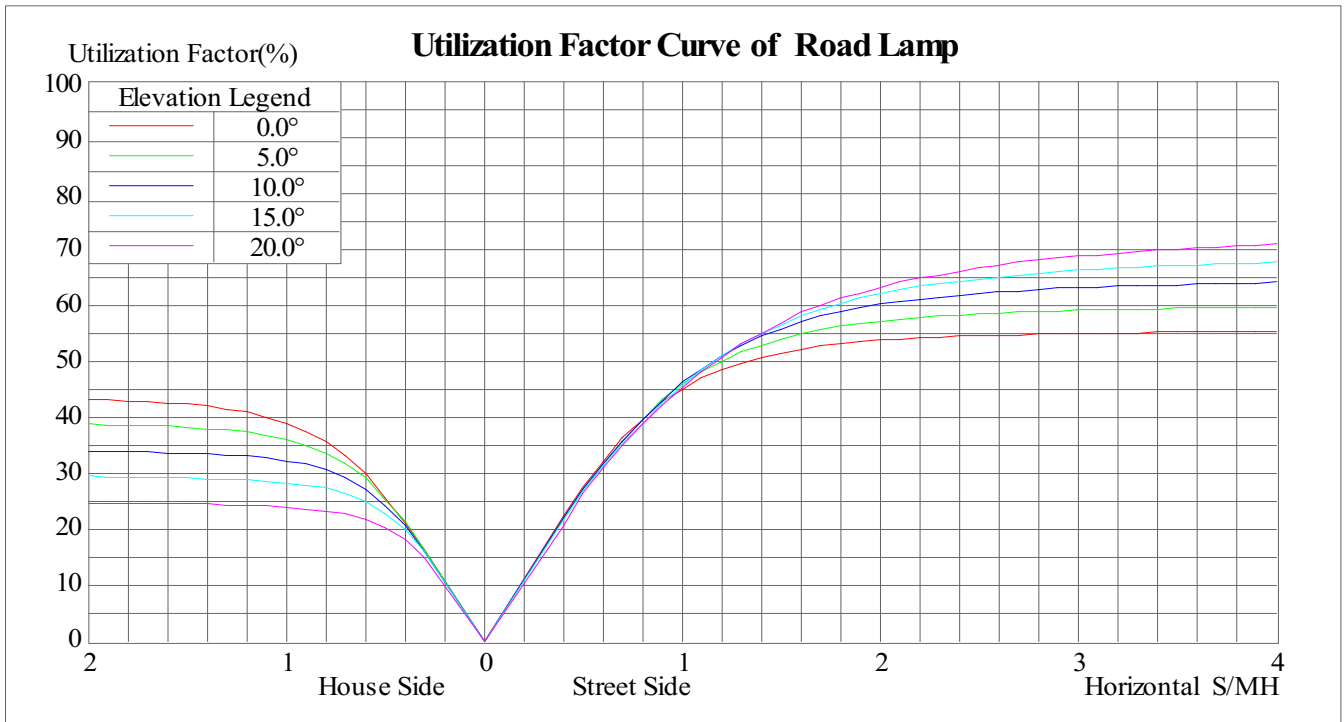
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	1219
— 90%	1097
— 80%	975
— 70%	854
— 60%	732
— 50%	610
— 40%	488
— 30%	366
— 20%	244
— 10%	122

c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 5.0 m  
 Note: notes

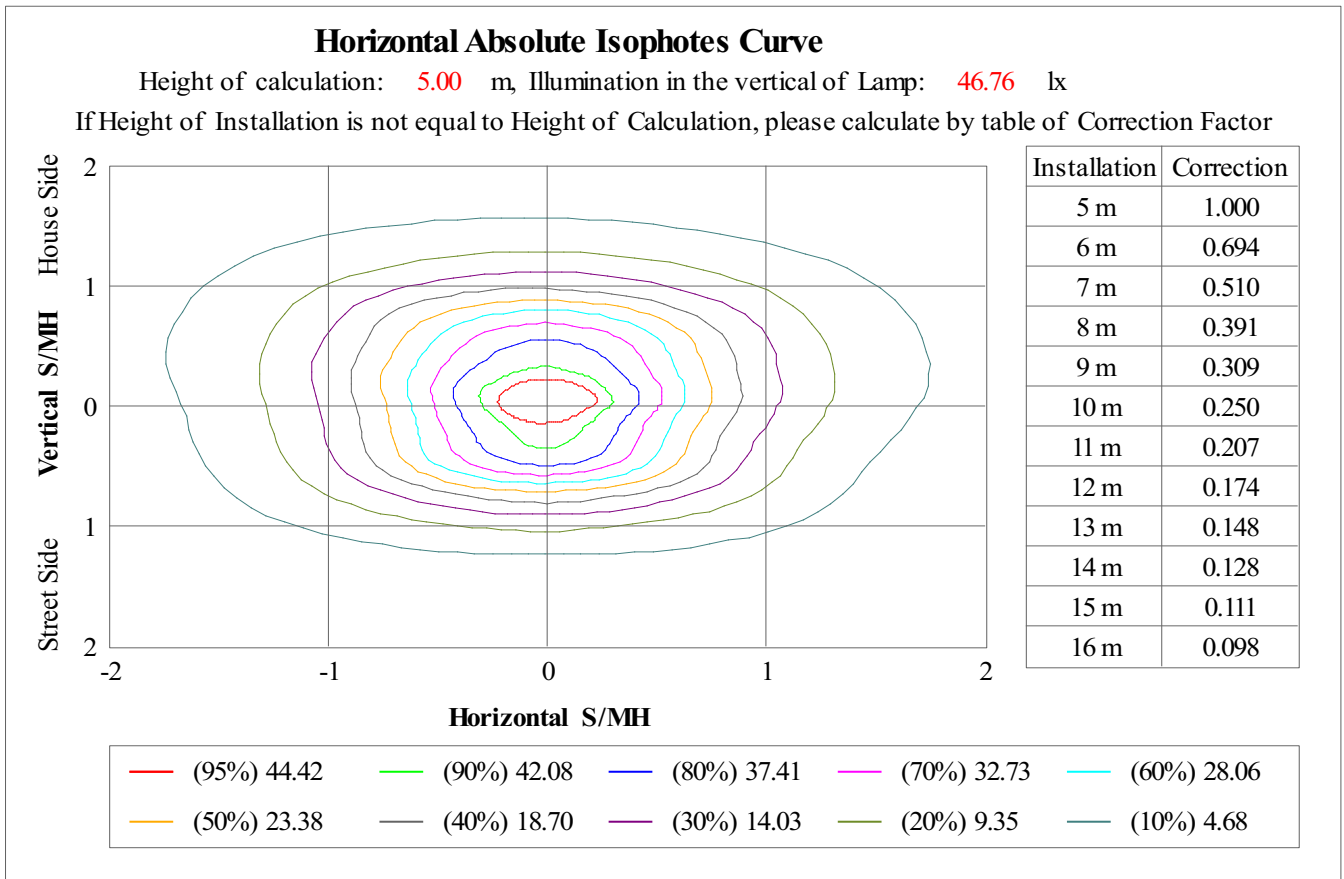
γ Range: 0-90 Degree  
 γ Interval: 0.9 Degree  
 Test Date: 2013-07-01  
 Test Time: 21-34-08

Temperature: 20 Celsius  
 Humidity: 50%  
 Test No.:  
 Tester:

## Lamp Utilization Factor Curve

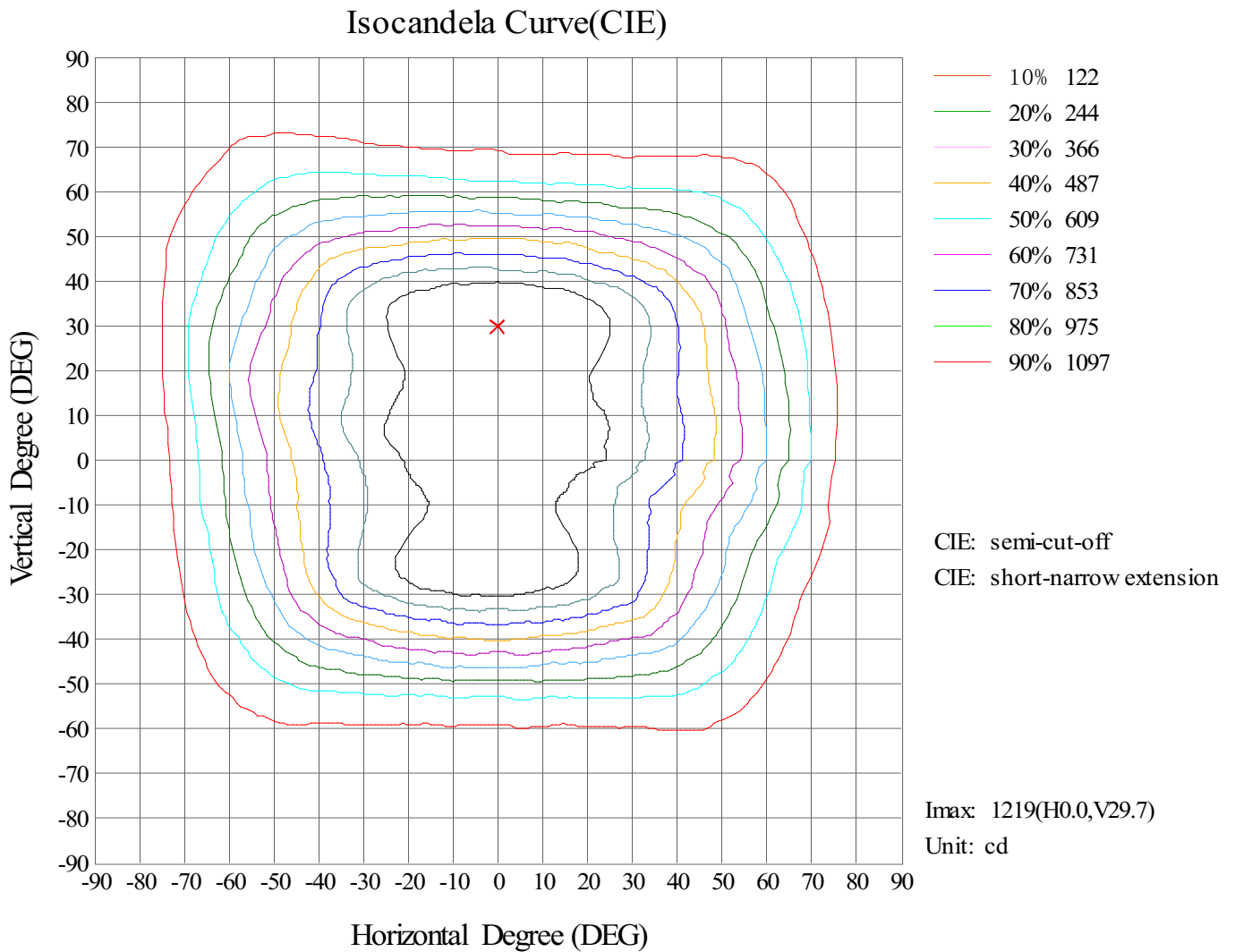


## Horizontal Isophotes Curve



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: LED STREET LIGHT	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:



c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 5.0 m  
 Note: notes

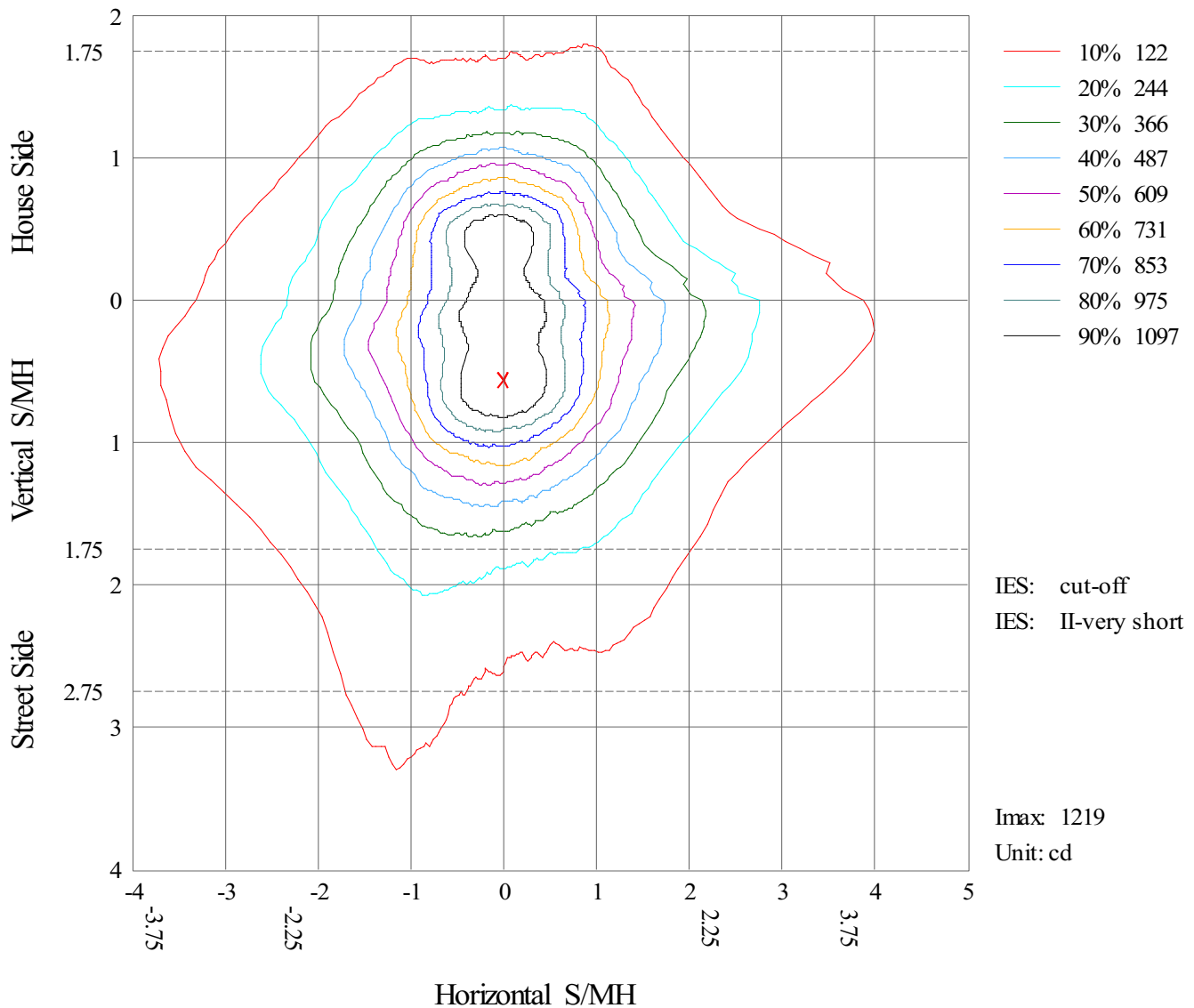
$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2013-07-01  
 Test Time: 21-34-08

Temperature: 20 Celsius  
 Humidity: 50%  
 Test No.:  
 Tester:

## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: LED STREET LIGHT	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

### Isocandela Curve(IES)



c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 5.0 m  
 Note: notes

$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2013-07-01  
 Test Time: 21-34-08

Temperature: 20 Celsius  
 Humidity: 50%  
 Test No.:  
 Tester:

## Lamp Ring with Flux

Lamp Description		
Lamp Name: LED STREET LIGHT	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

γ	C0	C90	C180	C270	γ(°)	Φ(Ring)	Φ(Total)	%
3.6	1179	1172	1175	1152	0.0-3.6	14.47	14.47	0.48
7.2	1174	1172	1175	1139	3.6-7.2	43.19	57.65	1.92
10.8	1171	1159	1168	1136	7.2-10.8	71.36	129.0	4.31
14.4	1165	1155	1149	1158	10.8-14.4	98.82	227.8	7.60
18.0	1142	1156	1127	1186	14.4-18.0	125.5	353.4	11.79
21.6	1114	1165	1089	1193	18.0-21.6	193.1	546.4	18.24
25.2	1080	1194	1044	1187	21.6-25.2	181.8	728.2	24.30
28.8	1034	1217	997.7	1127	25.2-28.8	203.2	931.4	31.08
32.4	981.5	1211	949.2	994.6	28.8-32.4	219.8	1151	38.42
36.0	931.4	1173	889.0	863.4	32.4-36.0	230.1	1381	46.10
39.6	874.5	1083	831.9	732.4	36.0-39.6	233.3	1615	53.88
43.2	810.2	936.7	769.7	595.0	39.6-43.2	228.2	1843	61.50
46.8	752.2	813.0	701.1	452.4	43.2-46.8	215.9	2059	68.71
50.4	683.5	673.6	628.5	308.3	46.8-50.4	196.5	2255	75.26
54.0	607.0	522.6	545.1	211.6	50.4-54.0	172.7	2428	81.03
57.6	528.5	379.2	454.0	141.6	54.0-57.6	145.5	2573	85.88
61.2	447.7	257.3	364.1	97.77	57.6-61.2	118.0	2691	89.82
64.8	361.9	177.0	277.3	69.63	61.2-64.8	91.79	2783	92.88
68.4	270.7	121.5	195.3	53.32	64.8-68.4	68.96	2852	95.18
72.0	186.6	84.11	134.9	41.97	68.4-72.0	49.75	2902	96.84
75.6	116.5	59.29	91.15	33.52	72.0-75.6	27.26	2929	97.75
79.2	72.84	43.07	62.45	27.91	75.6-79.2	26.27	2955	98.63
82.8	42.47	33.85	42.00	22.92	79.2-82.8	18.25	2974	99.24
86.4	26.44	26.23	29.85	18.05	82.8-86.4	13.08	2987	99.67
90.0	20.41	19.16	21.25	18.29	86.4-90.0	9.769	2997	100.00
Unit: °	Intensity Unit: cd				Unit: lm			

