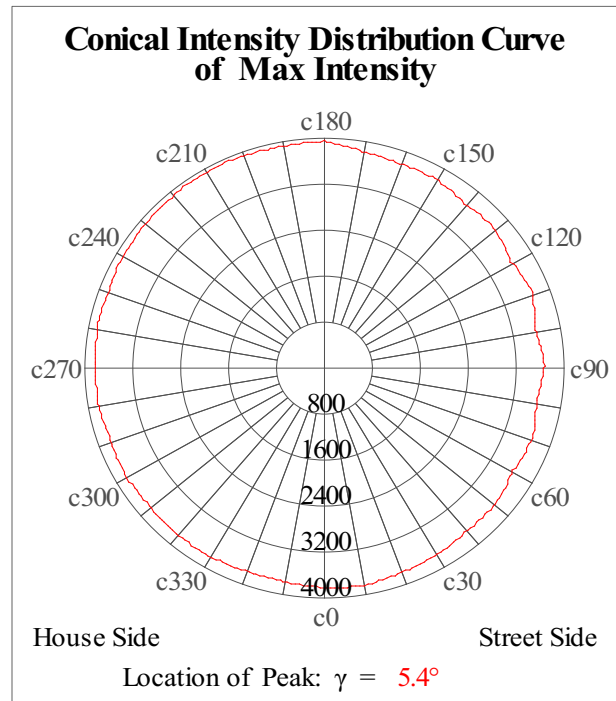
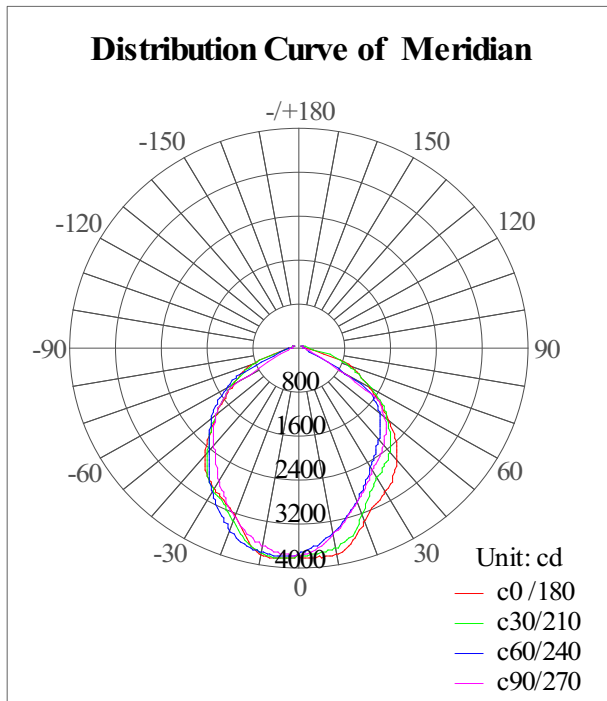


Photometric Data of Lamp

Lamp Description		
Lamp Name: TH-FS400-100W	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: 222.5 V	Current: 0.533 A	Power: 115.8 W	Power Factor: 0.975
Total Flux	8167.27 lm	Central Intensity	3861.73 cd
Lamp Efficiency	0.00%	Light Efficiency	70.53 lm/W
Peak Intensity	3901.23 cd	Location of Peak(c, γ)	(180.0°, 5.4°)
Half-Intensity Angle	97.2°	BeamAngle	136.8°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	3967.96 lm
Upward House Side	0	Downward House Side	4199.31 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0



c Range: 0-360 Degree

c Interval: 10 Degree

Test Speed: Fast

Test Distance: 5.0 m

Note:

 γ Range: 0-90 Degree

 γ Interval: 0.9 Degree

Test Date: 2011-10-20

Test Time: 18:42:39

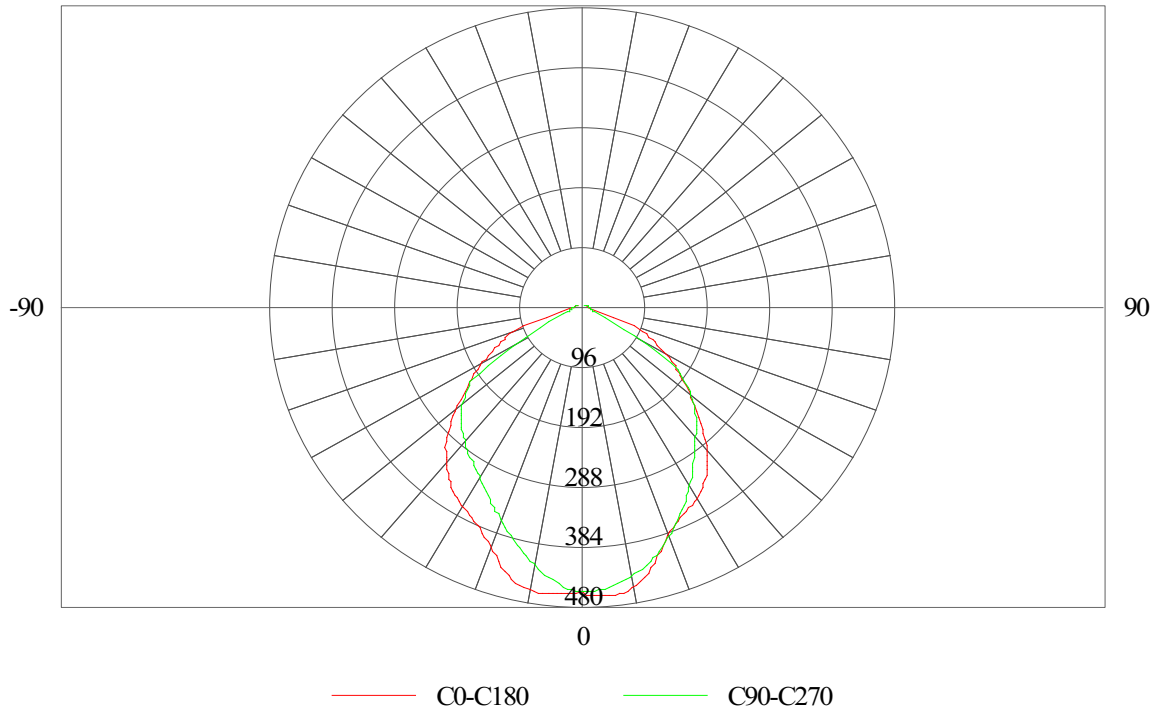
Temperature: 25 Celsius

Humidity: 65%

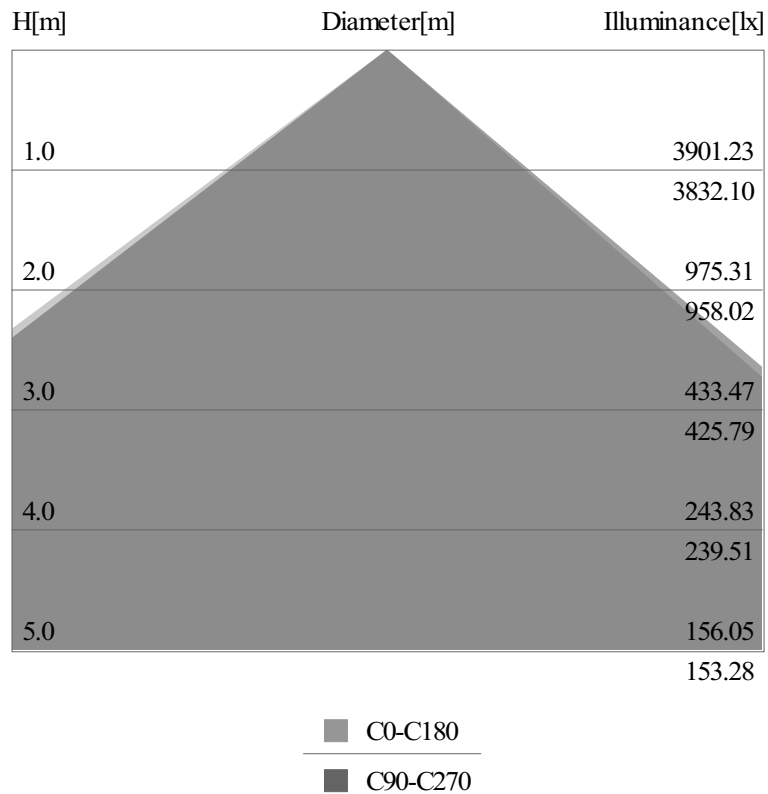
Test No.:

Tester:

cd/1000 lm Curve

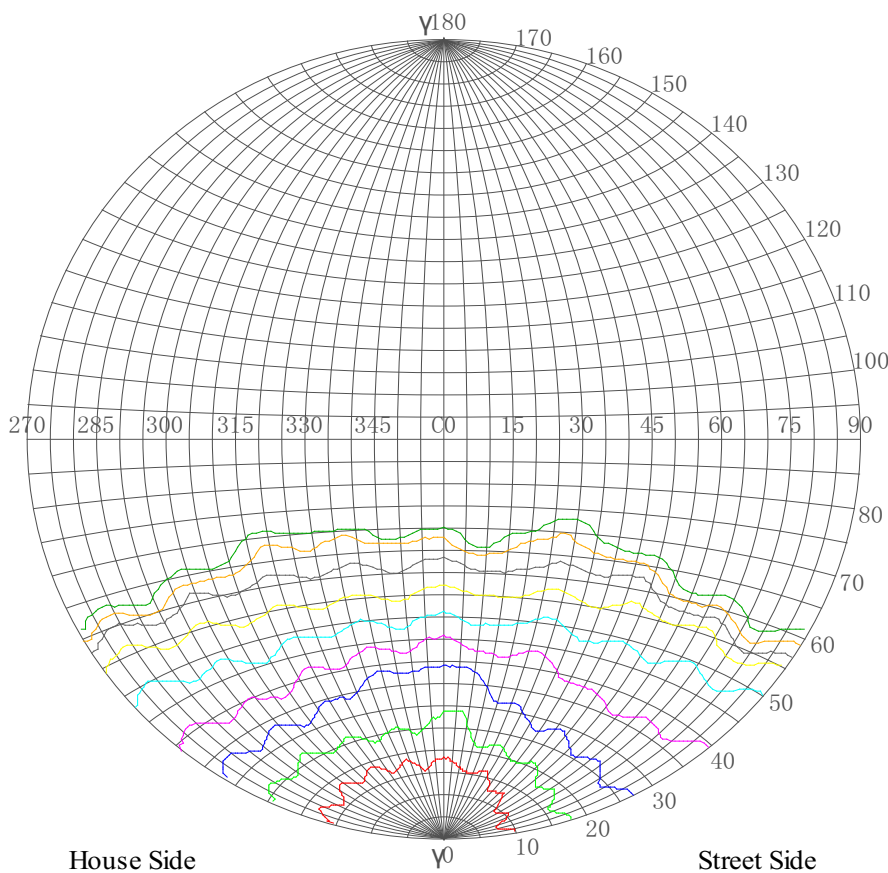


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: TH-FS400-100W	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: cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: II-very short
 Max. At80: 8.46cd/klm
 Max. At90: 7.2557cd/klm

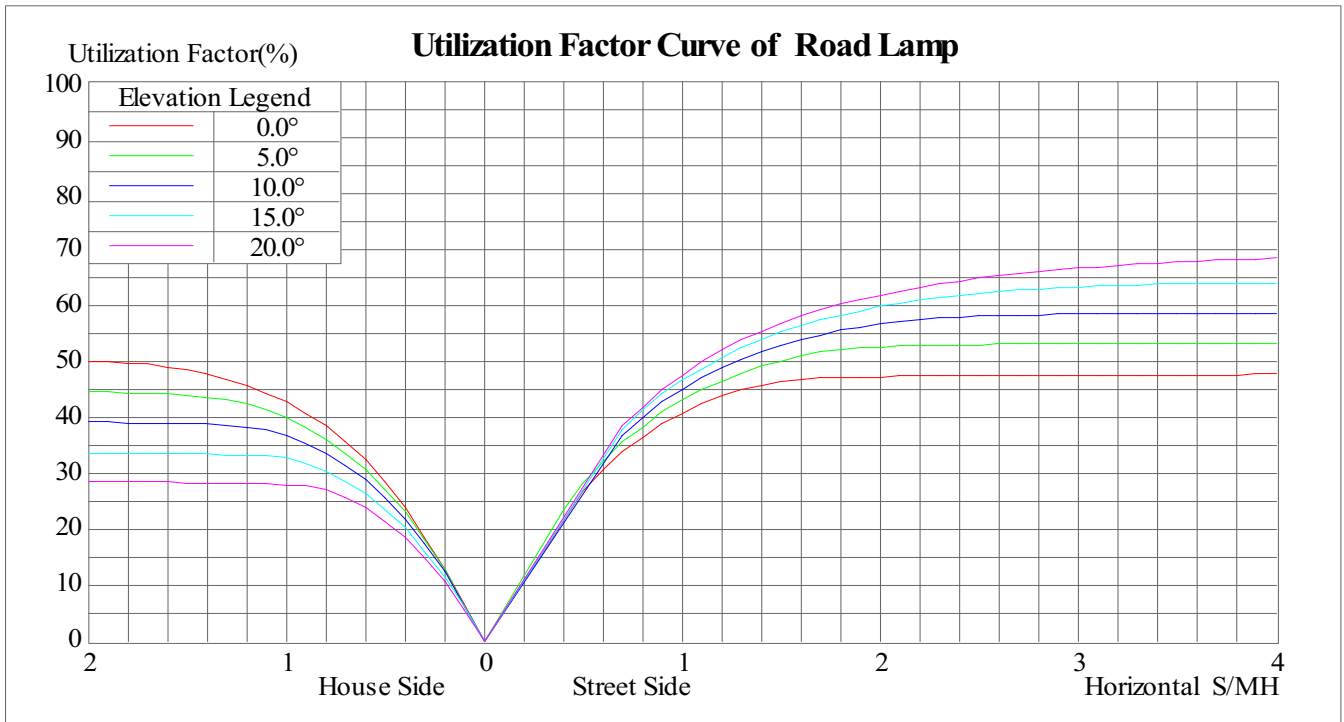
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	3902
— 90%	3512
— 80%	3121
— 70%	2731
— 60%	2341
— 50%	1951
— 40%	1561
— 30%	1171
— 20%	781
— 10%	391

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

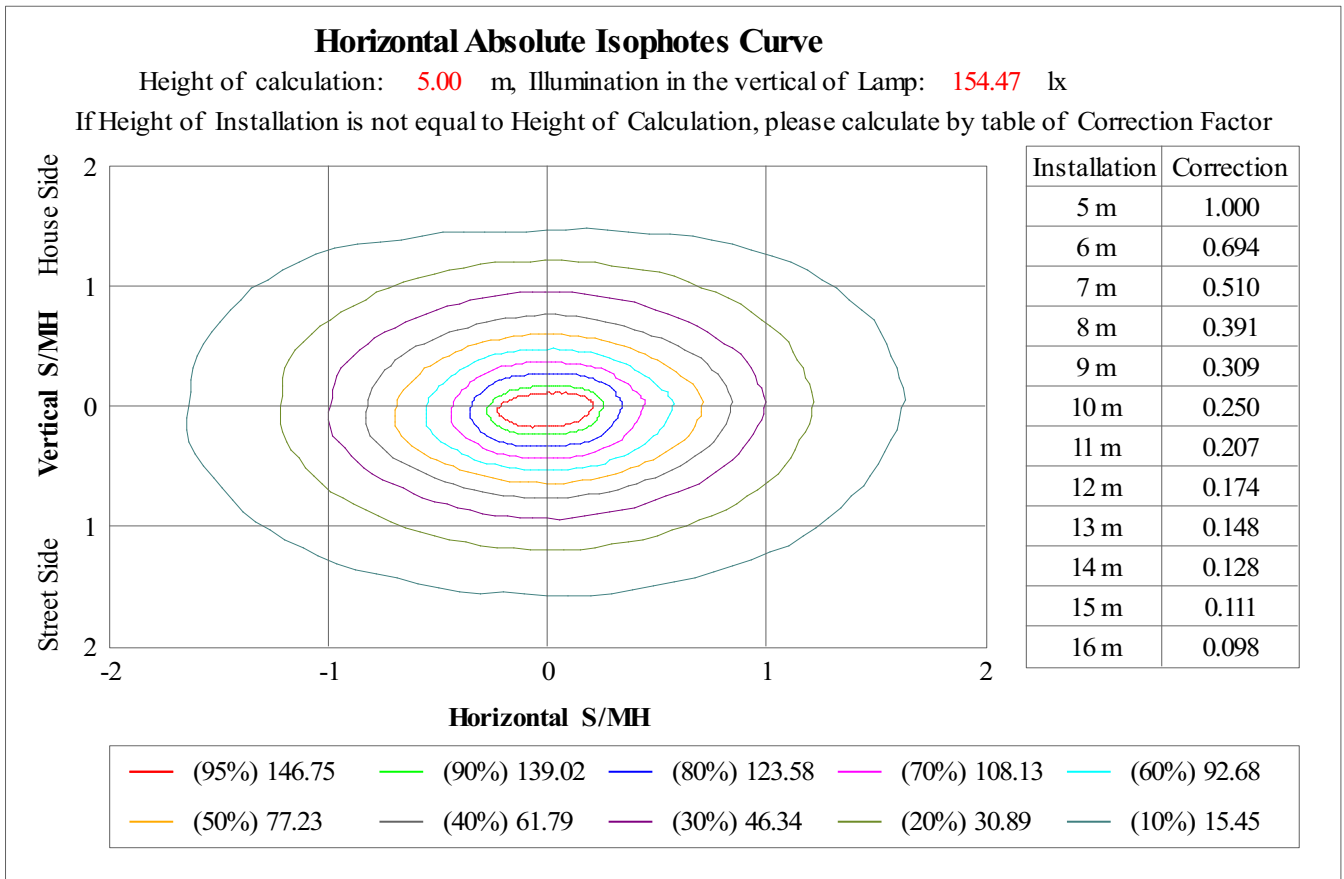
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2011-10-20
 Test Time: 18:42:39

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester:

Lamp Utilization Factor Curve

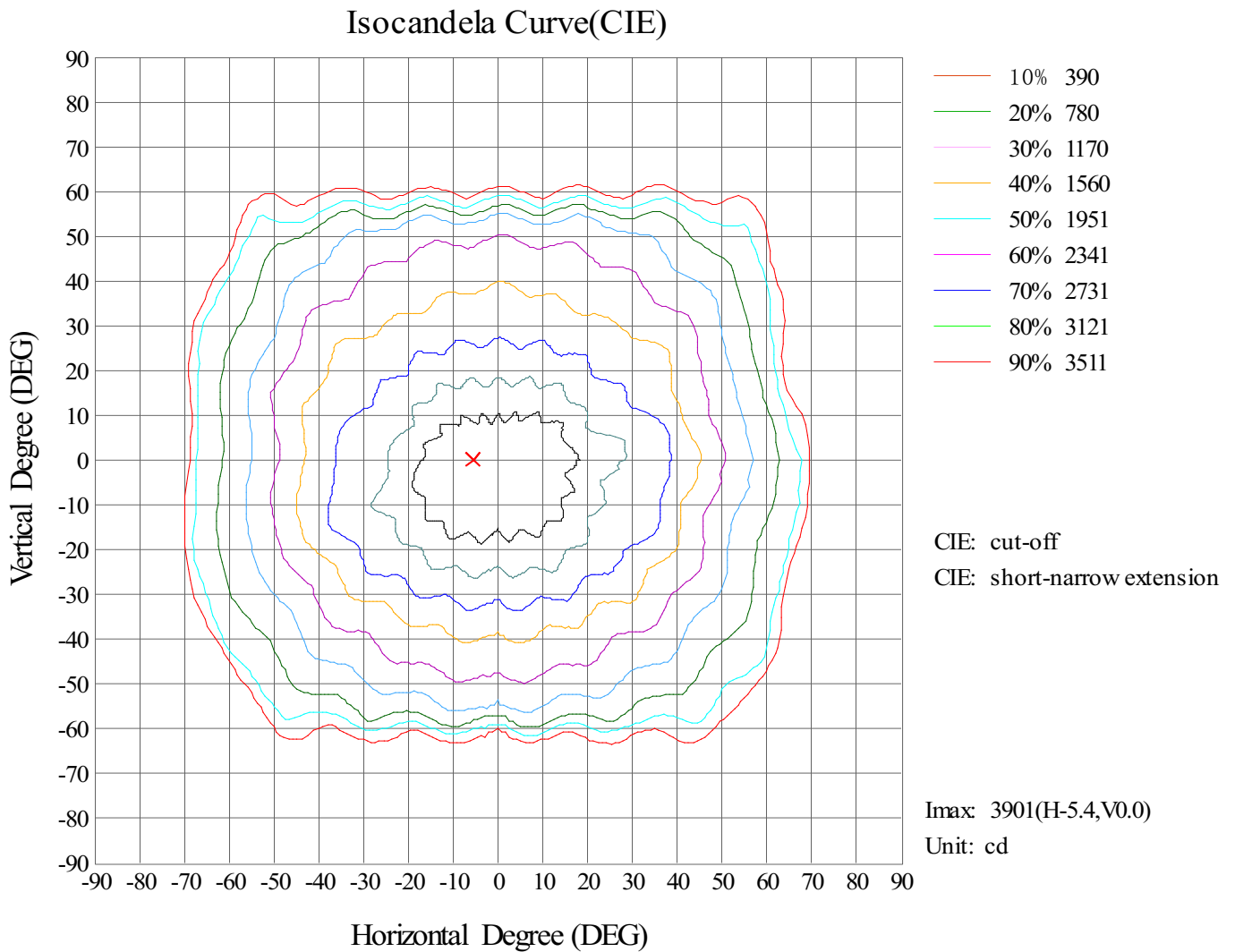


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TH-FS400-100W	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:

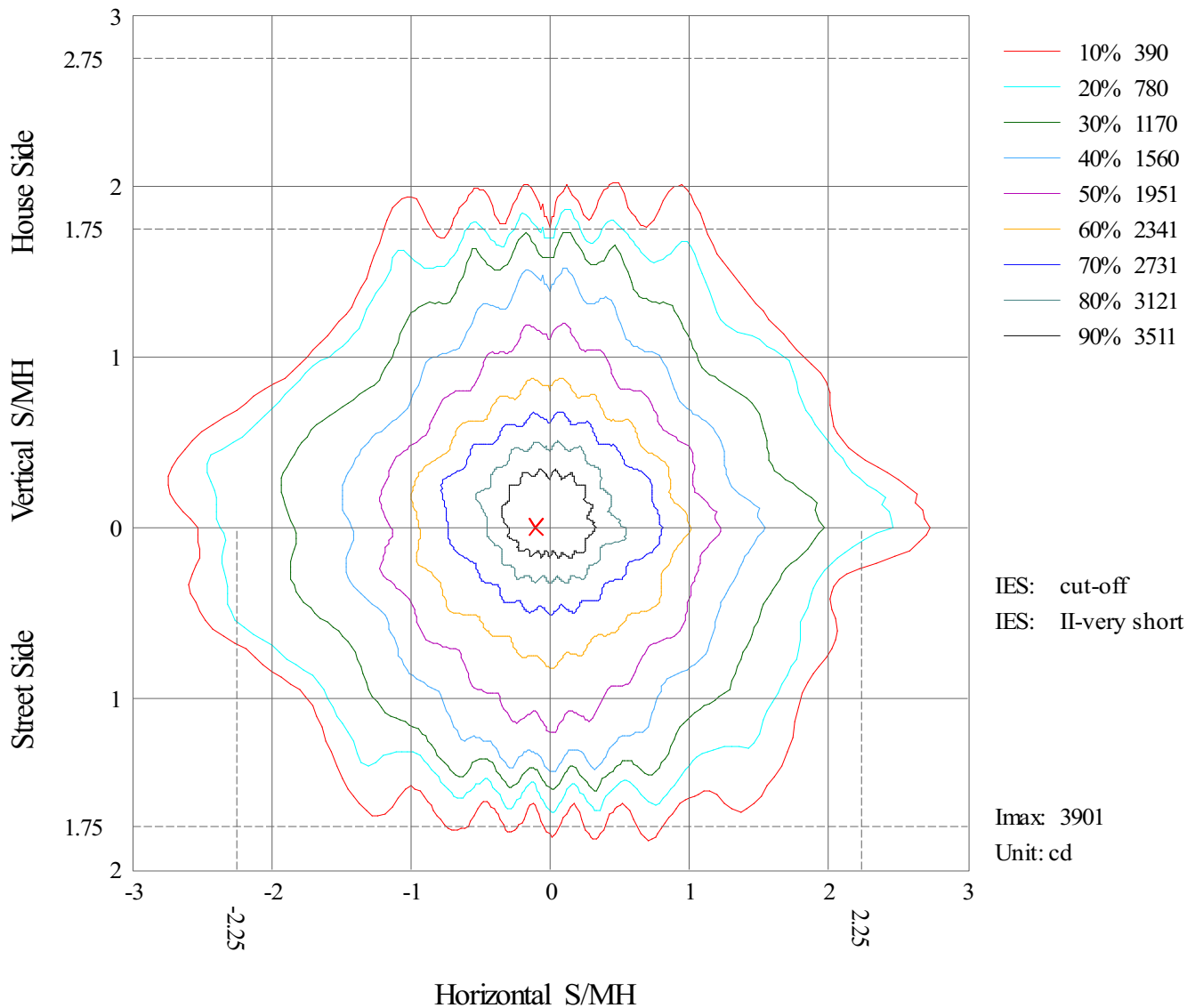
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2011-10-20
 Test Time: 18:42:39

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester:

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TH-FS400-100W	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:

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2011-10-20
 Test Time: 18:42:39

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester:

Lamp Ring with Flux

Lamp Description		
Lamp Name: TH-FS400-100W	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	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	3872	3773	3891	3812	0.0-3.6	47.21	47.21	0.58
7.2	3881	3635	3891	3753	3.6-7.2	140.4	187.6	2.30
10.8	3852	3477	3822	3664	7.2-10.8	229.6	417.2	5.11
14.4	3743	3309	3635	3546	10.8-14.4	310.9	728.1	8.91
18.0	3526	3121	3388	3378	14.4-18.0	380.5	1109	13.57
21.6	3338	2973	3200	3210	18.0-21.6	554.4	1663	20.36
25.2	3200	2815	3081	3032	21.6-25.2	496.3	2159	26.44
28.8	3101	2667	3002	2835	25.2-28.8	536.9	2696	33.01
32.4	3002	2548	2894	2647	28.8-32.4	571.0	3267	40.00
36.0	2874	2459	2726	2469	32.4-36.0	594.9	3862	47.29
39.6	2696	2341	2528	2291	36.0-39.6	606.0	4468	54.71
43.2	2519	2242	2272	2143	39.6-43.2	605.2	5073	62.12
46.8	2281	2114	1985	1985	43.2-46.8	595.6	5669	69.41
50.4	1995	1926	1768	1807	46.8-50.4	575.5	6244	76.45
54.0	1758	1768	1551	1551	50.4-54.0	535.0	6779	83.00
57.6	1541	1067	1333	1027	54.0-57.6	463.9	7243	88.69
61.2	1294	266.7	1126	197.5	57.6-61.2	358.8	7602	93.08
64.8	1086	158.0	938.3	138.3	61.2-64.8	246.1	7848	96.09
68.4	790.1	118.5	167.9	108.6	64.8-68.4	148.3	7996	97.91
72.0	88.89	88.89	88.89	88.89	68.4-72.0	60.90	8057	98.65
75.6	69.14	69.14	69.14	69.14	72.0-75.6	22.13	8079	98.92
79.2	59.26	59.26	69.14	49.38	75.6-79.2	24.99	8104	99.23
82.8	49.38	59.26	59.26	49.38	79.2-82.8	22.04	8126	99.50
86.4	49.38	49.38	59.26	49.38	82.8-86.4	20.58	8147	99.75
90.0	49.38	49.38	59.26	49.38	86.4-90.0	20.28	8167	100.00
Unit: $^{\circ}$	Intensity Unit: cd					Unit: lm		

