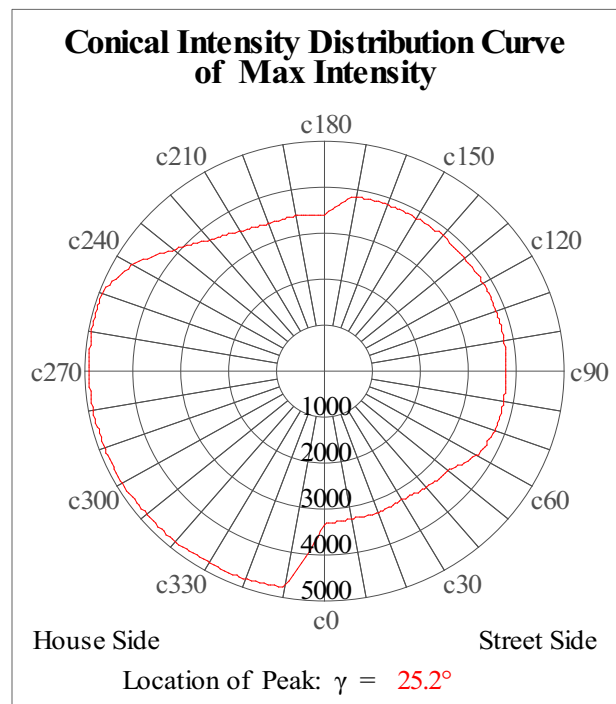
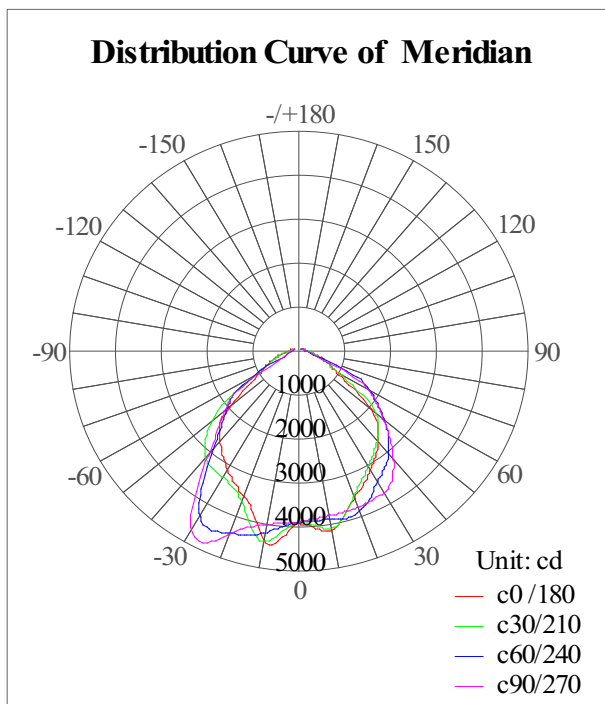


## Photometric Data of Lamp

Lamp Description		
Lamp Name: 120W Flood light-C	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: 218.5 V	Current: 0.615 A	Power: 131.9 W	Power Factor: 0.981
Total Flux	9702.30 lm	Central Intensity	4032.00 cd
Lamp Efficiency	0.00%	Light Efficiency	73.56 lm/W
Peak Intensity	4991.96 cd	Location of Peak(c, $\gamma$ )	(260.0°, 25.2°)
Half-Intensity Angle	92.7°	BeamAngle	121.5°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	5082.28 lm
Upward House Side	0	Downward House Side	4620.89 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: 8.0 m

Note: notes

 $\gamma$  Range: 0-90 Degree

 $\gamma$  Interval: 0.9 Degree

Test Date: 2012-09-09

Test Time: 14-52-25

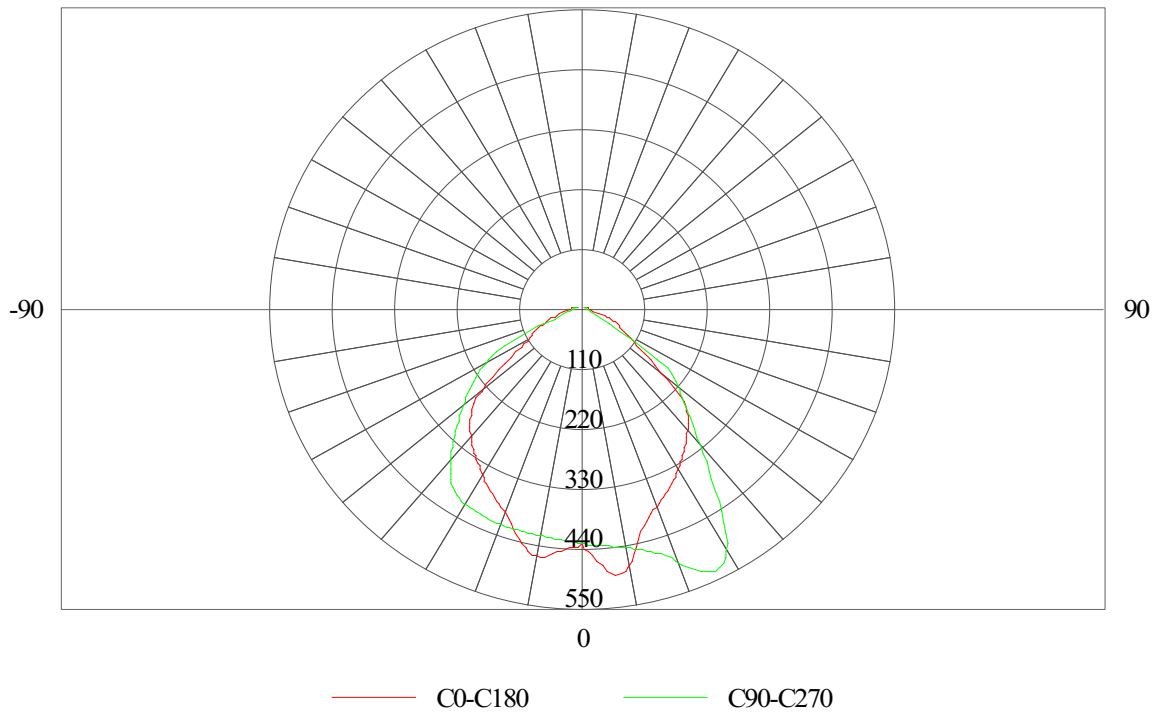
Temperature: 20 Celsius

Humidity: 50%

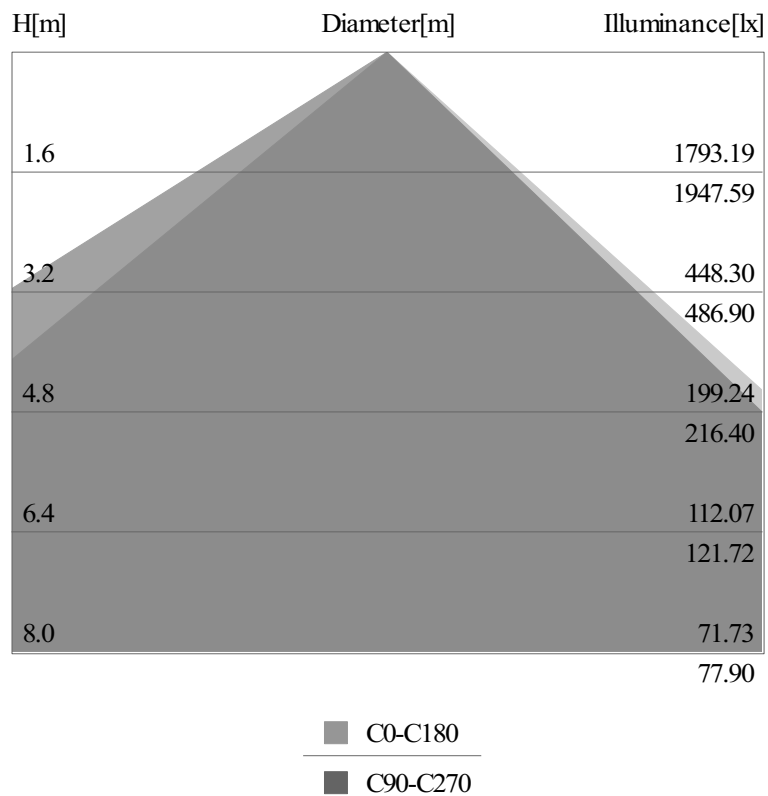
Test No.:

Tester:

### cd/1000 lm Curve

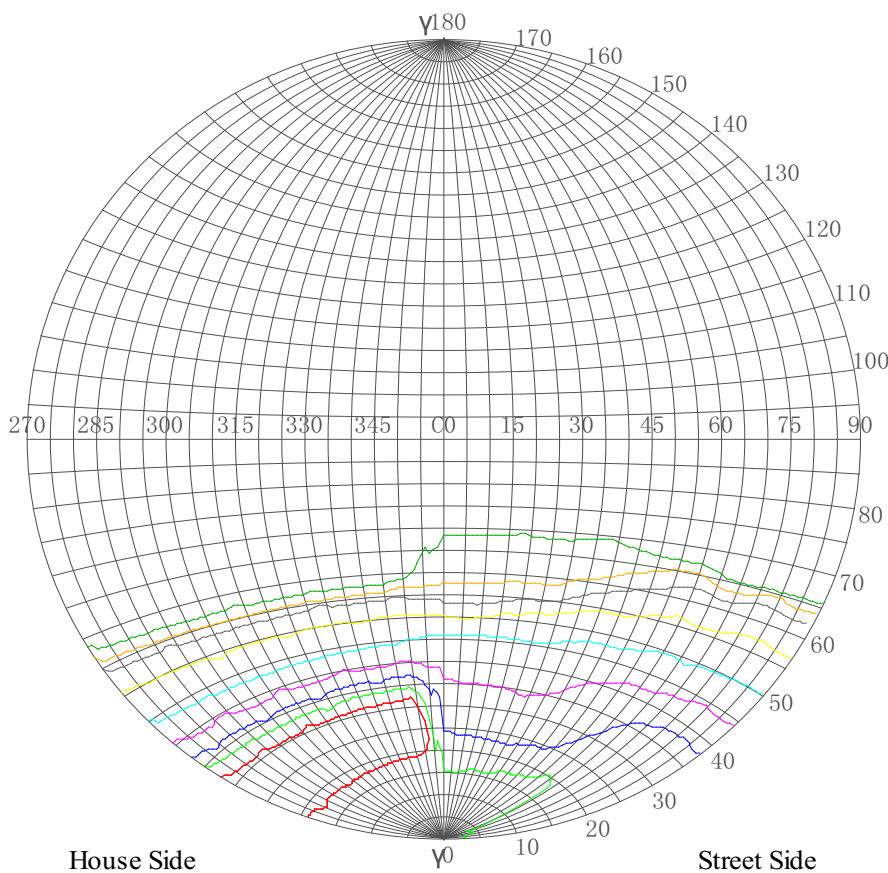


### Illumination Cone Curve



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

Lamp Description		
Lamp Name: 120W Flood light-C	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: 13.06cd/klm  
 Max. At90: 6.8231cd/klm

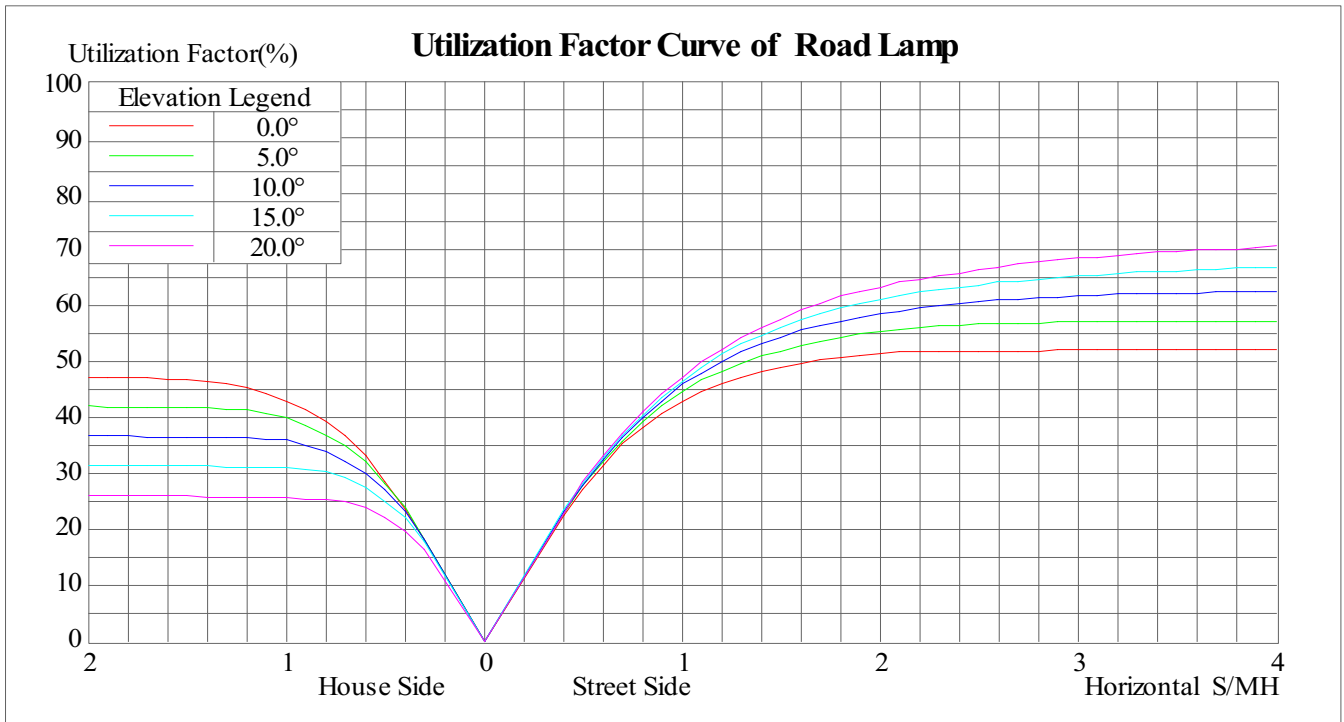
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	4992
— 90%	4493
— 80%	3994
— 70%	3495
— 60%	2996
— 50%	2496
— 40%	1997
— 30%	1498
— 20%	999
— 10%	500

c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 8.0 m  
 Note: notes

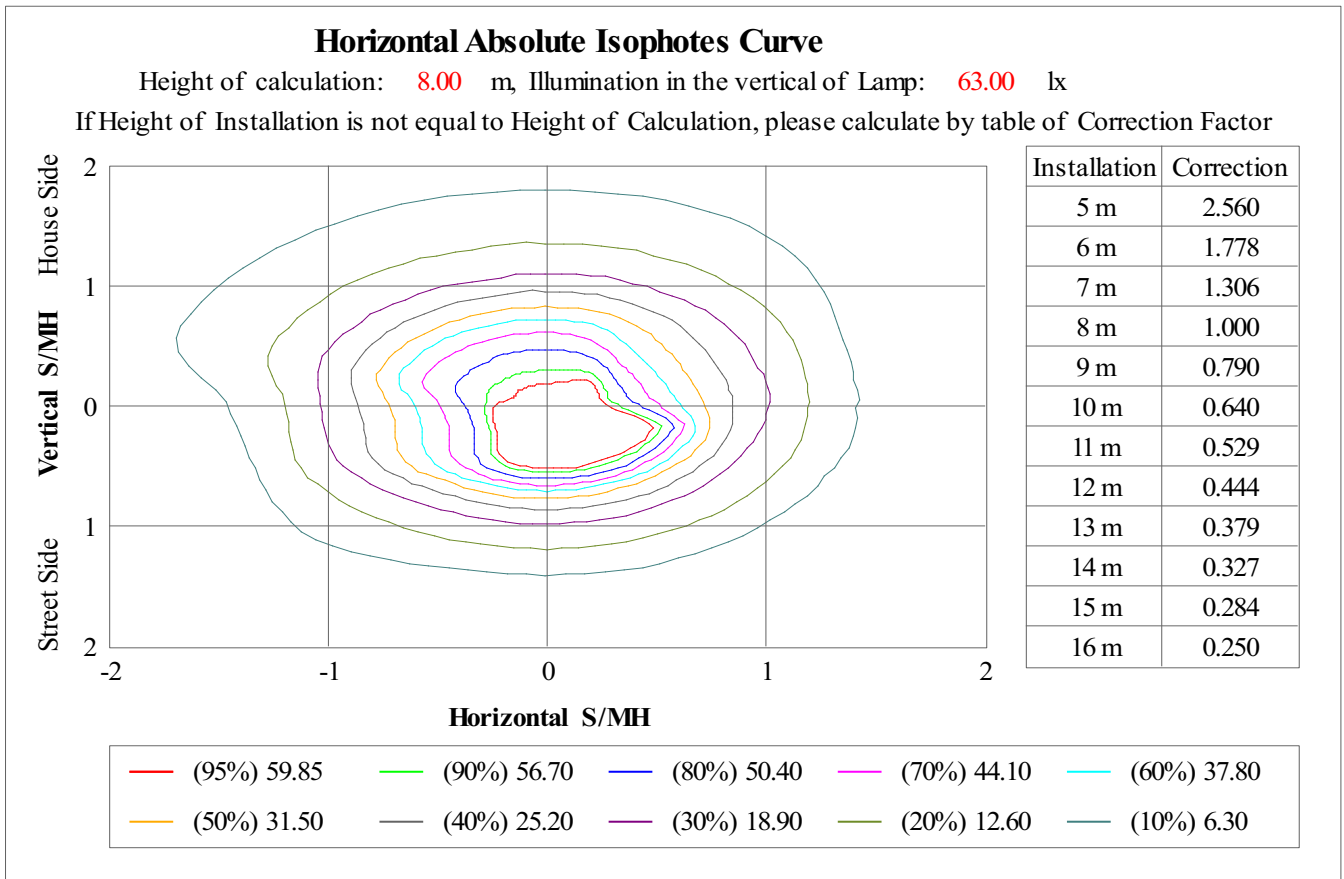
γ Range: 0-90 Degree  
 γ Interval: 0.9 Degree  
 Test Date: 2012-09-09  
 Test Time: 14-52-25

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

## Lamp Utilization Factor Curve



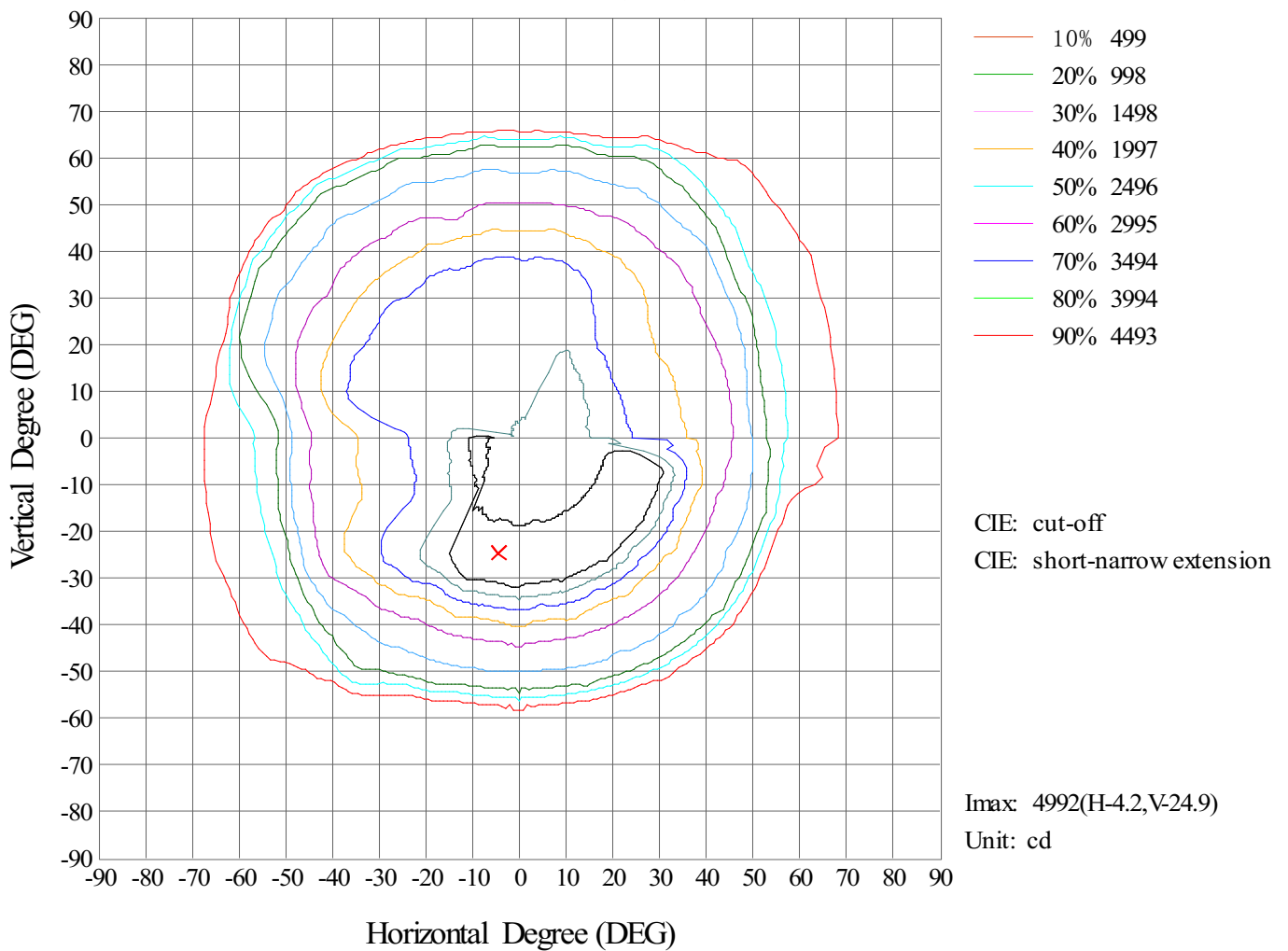
## Horizontal Isophotes Curve



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 120W Flood light-C	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

### Isocandela Curve(CIE)



c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 8.0 m  
 Note: notes

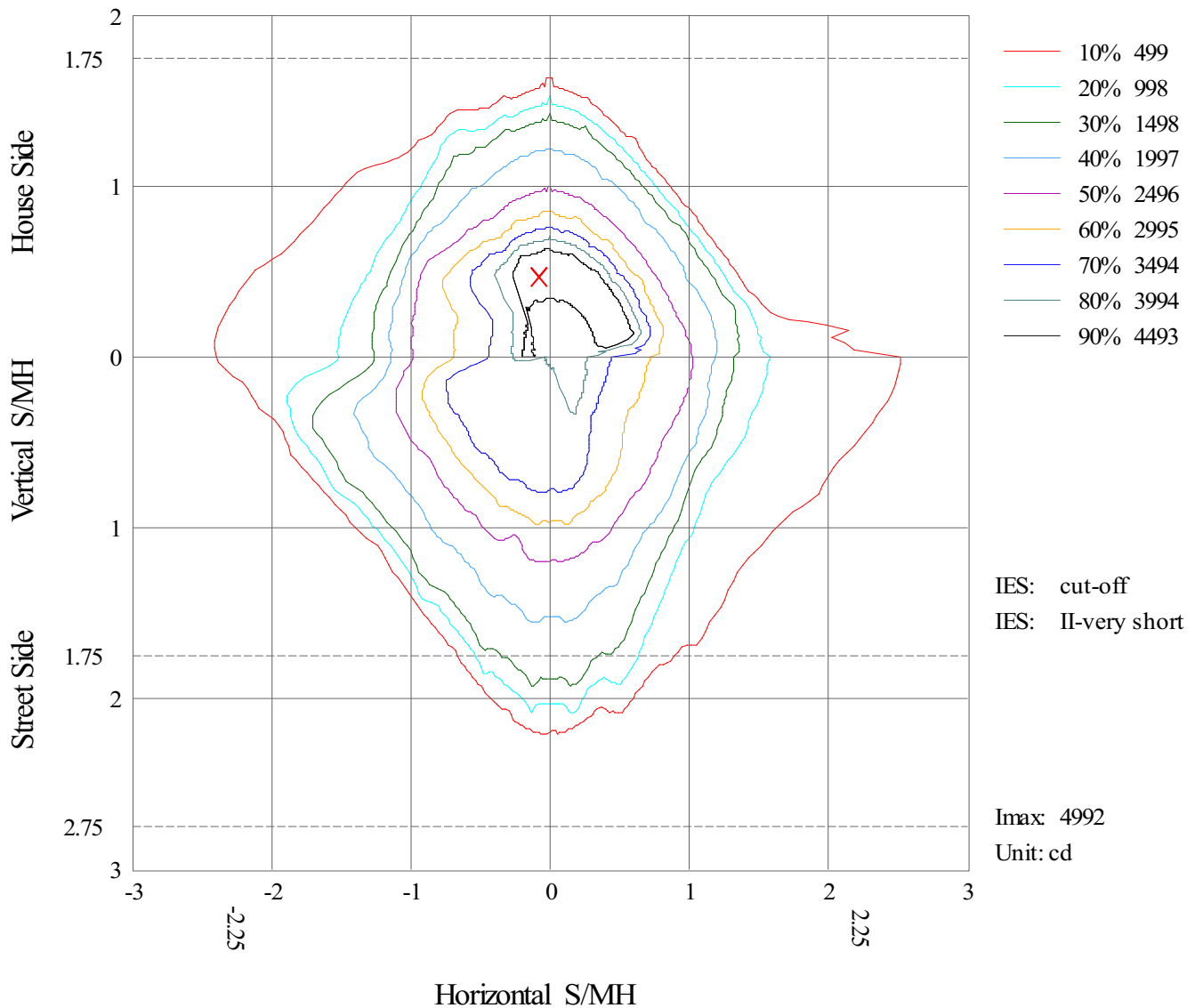
$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2012-09-09  
 Test Time: 14-52-25

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

## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 120W Flood light-C	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: 8.0 m  
 Note: notes

$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2012-09-09  
 Test Time: 14-52-25

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

## Lamp Ring with Flux

Lamp Description		
Lamp Name: 120W Flood light-C	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

$\gamma$	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	4119	3982	4317	4057	0.0-3.6	50.18	50.18	0.52
7.2	4263	3955	4591	4103	3.6-7.2	152.3	202.5	2.09
10.8	4287	3940	4398	4168	7.2-10.8	256.4	458.9	4.73
14.4	4068	3937	3950	4277	10.8-14.4	356.8	815.7	8.41
18.0	3795	3926	3685	4450	14.4-18.0	451.8	1267	13.06
21.6	3610	3913	3537	4756	18.0-21.6	699.7	1967	20.27
25.2	3455	3888	3386	4976	21.6-25.2	667.1	2634	27.15
28.8	3299	3859	3227	4871	25.2-28.8	745.2	3380	34.83
32.4	3134	3790	3056	4359	28.8-32.4	789.5	4169	42.97
36.0	2989	3608	2886	3634	32.4-36.0	796.0	4965	51.17
39.6	2818	3330	2721	3039	36.0-39.6	779.5	5745	59.20
43.2	2629	3019	2528	2599	39.6-43.2	753.4	6498	66.97
46.8	2406	2703	2196	2266	43.2-46.8	718.2	7216	74.37
50.4	1870	2429	1580	1989	46.8-50.4	666.5	7883	81.24
54.0	1304	2161	1098	1509	50.4-54.0	580.4	8463	87.22
57.6	1001	1900	902.4	531.9	54.0-57.6	431.7	8895	91.67
61.2	828.7	1562	728.7	112.8	57.6-61.2	312.0	9207	94.89
64.8	661.4	480.7	578.5	99.42	61.2-64.8	196.4	9403	96.91
68.4	473.0	174.8	404.4	89.31	64.8-68.4	93.02	9496	97.87
72.0	207.0	131.2	158.5	80.96	68.4-72.0	56.88	9553	98.45
75.6	151.9	110.3	139.8	74.01	72.0-75.6	30.34	9583	98.77
79.2	132.5	93.97	107.3	68.52	75.6-79.2	36.20	9620	99.14
82.8	96.53	80.02	75.03	64.15	79.2-82.8	31.50	9651	99.46
86.4	71.32	70.35	59.37	59.96	82.8-86.4	27.15	9678	99.74
90.0	65.11	65.67	55.67	58.70	86.4-90.0	24.82	9703	100.00
Unit: $^{\circ}$	Intensity Unit: cd					Unit: lm		

