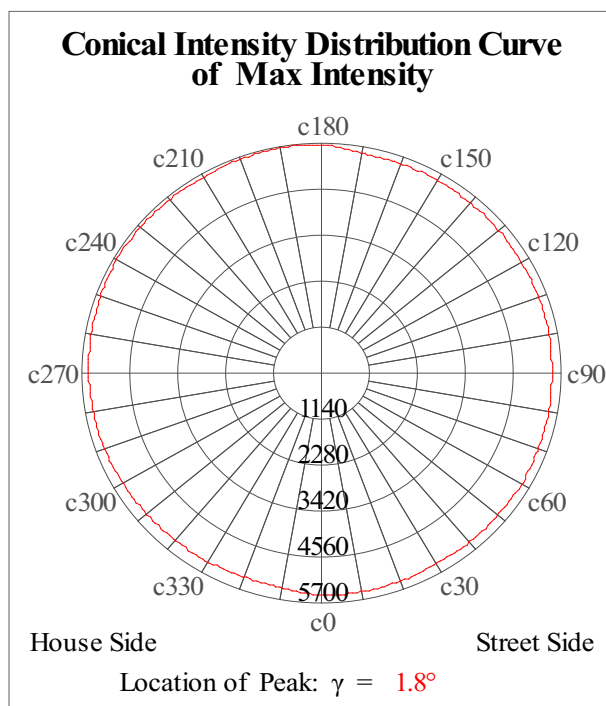
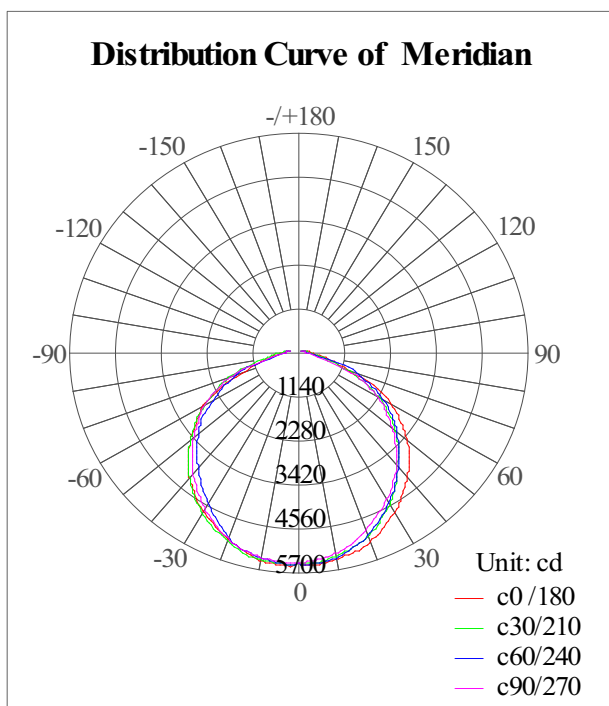




Photometric Data of Lamp

Lamp Description		
Lamp Name: 150W flood light	Lamp Size:	Lamp Weight:
Lamp Type: led light	Rated Voltage: 220 V	Rated Power:
Light Type: LED	Light Number:	Rated Flux:
Light Standard: 150w	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 219.5 V	Current: 0.679 A	Power: 147.6 W	Power Factor: 0.99
Total Flux	15011.20 lm	Central Intensity	5551.19 cd
Lamp Efficiency	0.00%	Light Efficiency	101.70 lm/W
Peak Intensity	5628.34 cd	Location of Peak(c, γ)	(180.0°, 1.8°)
Half-Intensity Angle	115.2°	BeamAngle	150.3°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	7267.70 lm
Upward House Side	0	Downward House Side	7743.54 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0

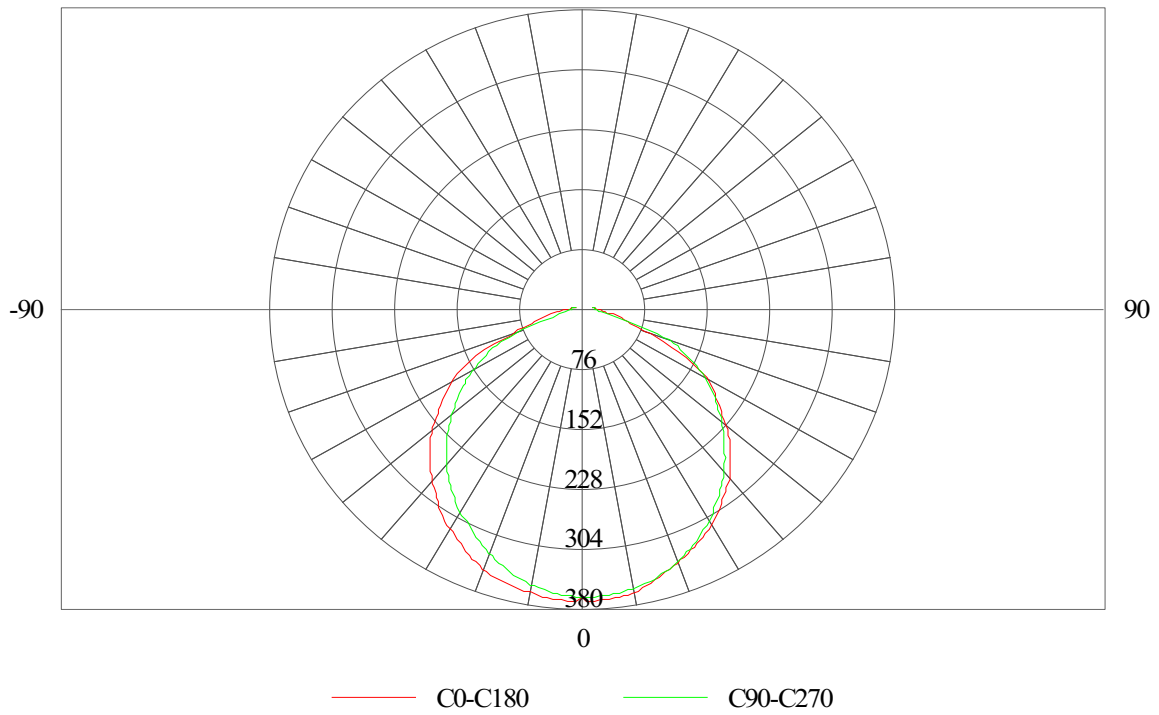


c Range: 0-360 Degree
c Interval: 10 Degree
Test Speed: Fast
Test Distance: 5.0 m
Note: notes

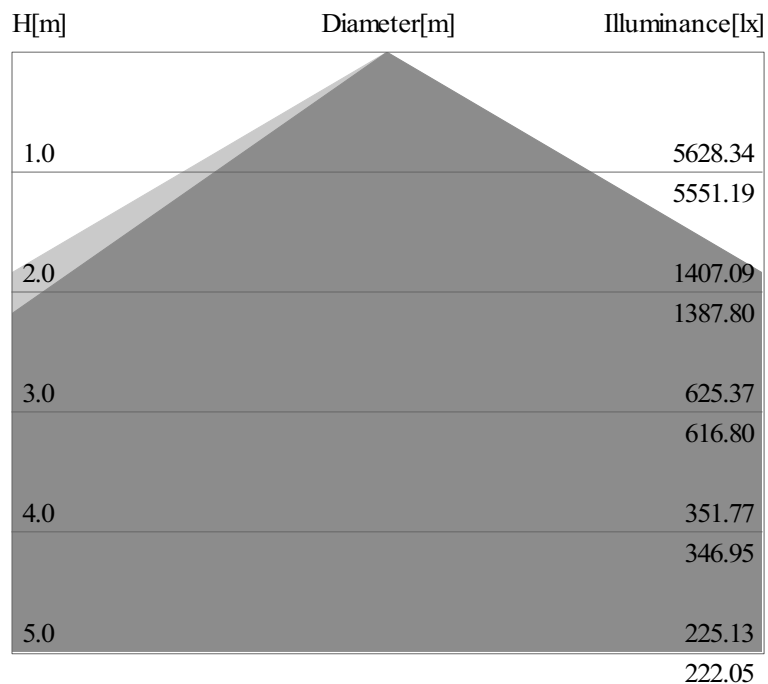
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
Test Date: 2012-11-09
Test Time: 12-33-08

Temperature: 25 Celsius
Humidity: 65%
Test No.: 001
Tester:

cd/1000 lm Curve



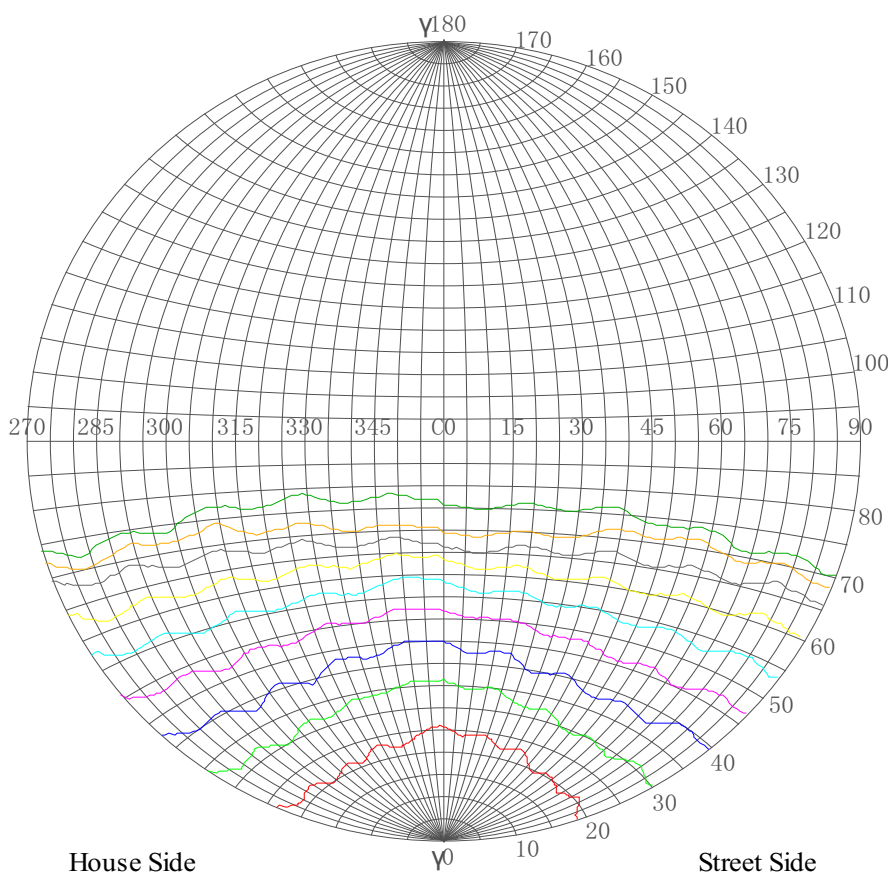
Illumination Cone Curve



C0-C180
 C90-C270

Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 150W flood light	Lamp Size:	Lamp Weight:
Lamp Type: led light	Rated Voltage: 220 V	Rated Power:
Light Type: LED	Light Number:	Rated Flux:
Light Standard: 150w	Light Area:	Light Flux:



Road Lamp Type

CIE: semi-cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: II-very short
 Max. At80: 30.43cd/klm
 Max. At90: 13.4619cd/klm

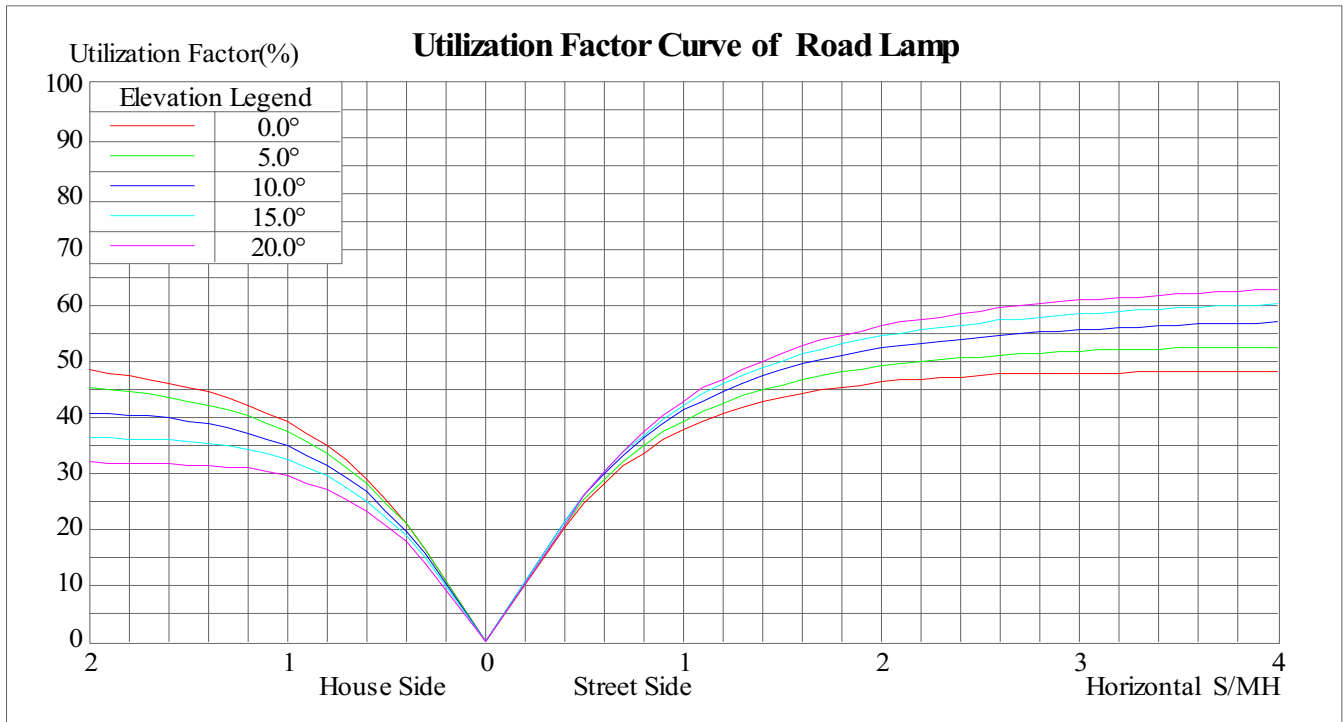
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	5629
— 90%	5066
— 80%	4503
— 70%	3940
— 60%	3378
— 50%	2815
— 40%	2252
— 30%	1689
— 20%	1126
— 10%	563

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

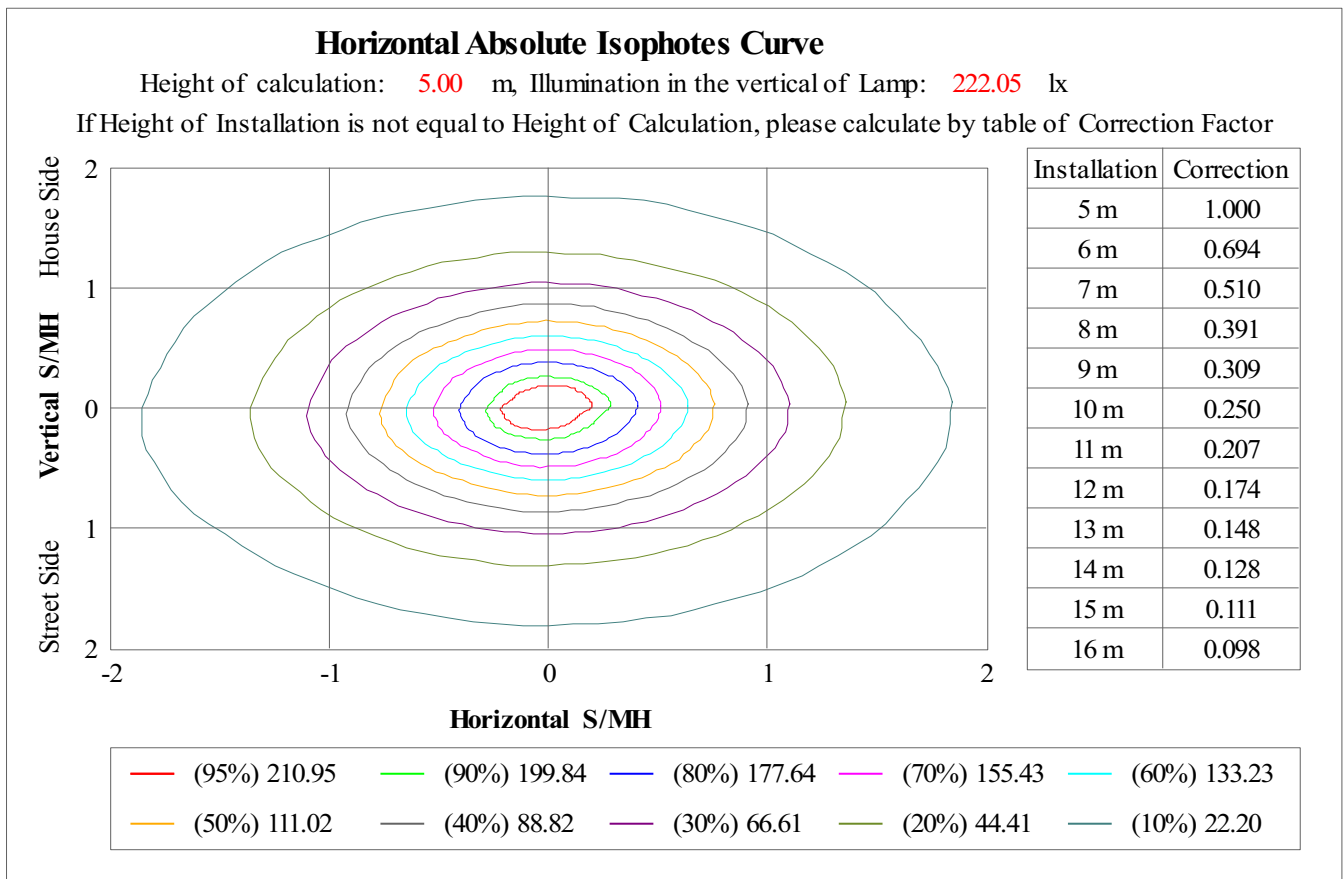
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2012-11-09
 Test Time: 12-33-08

Temperature: 25 Celsius
 Humidity: 65%
 Test No.: 001
 Tester:

Lamp Utilization Factor Curve

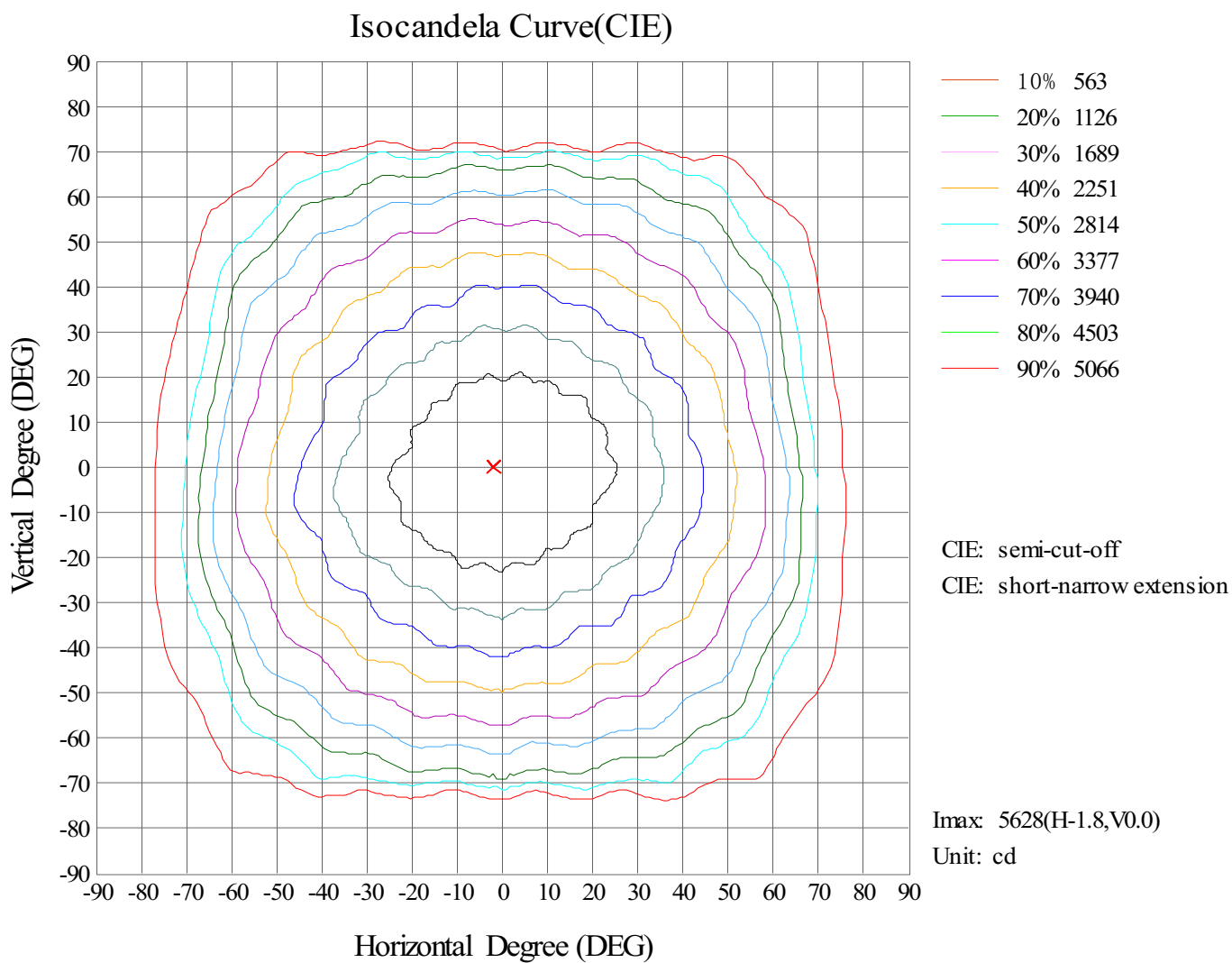


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 150W flood light	Lamp Size:	Lamp Weight:
Lamp Type: led light	Rated Voltage: 220 V	Rated Power:
Light Type: LED	Light Number:	Rated Flux:
Light Standard: 150w	Light Area:	Light Flux:



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

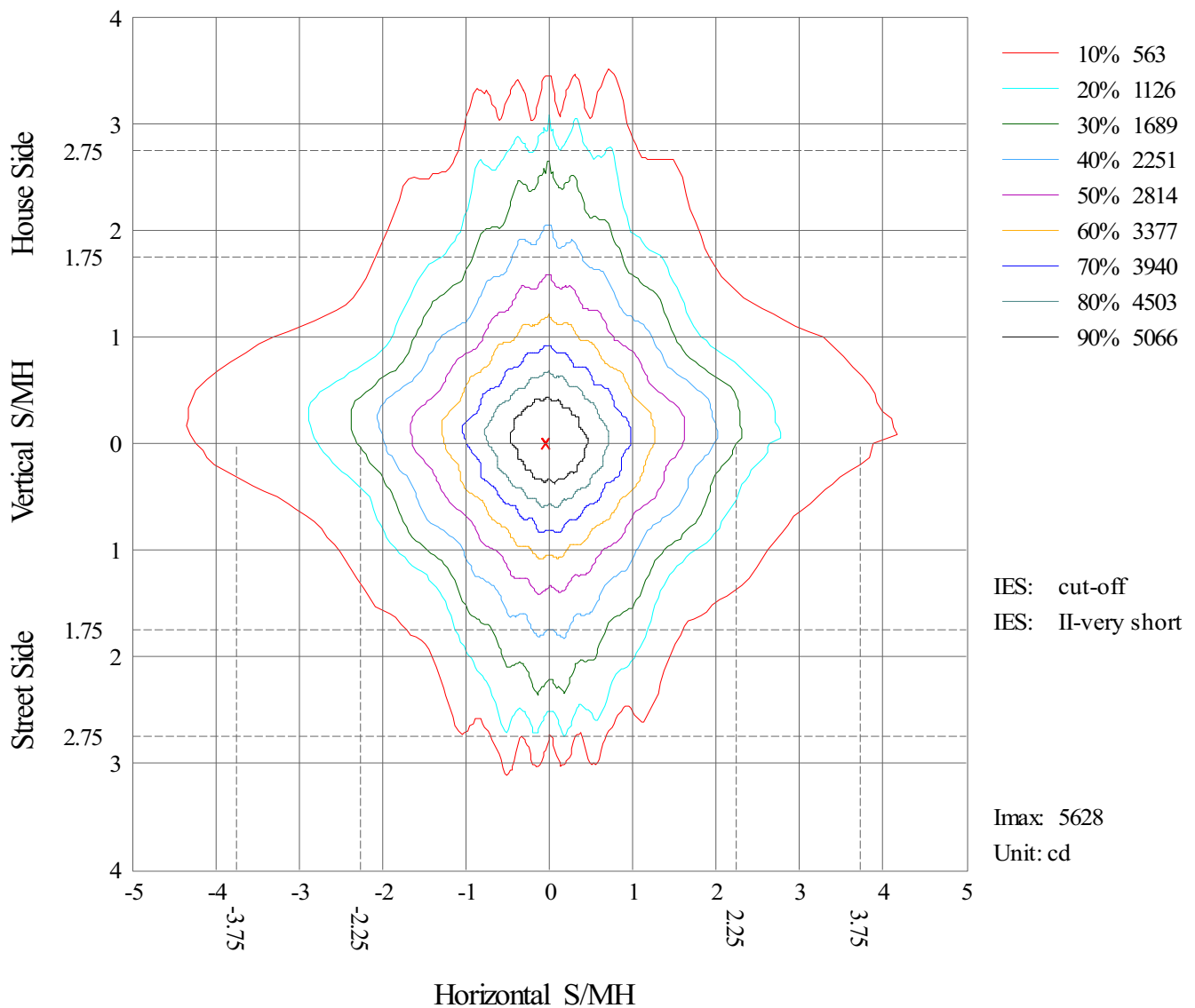
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2012-11-09
 Test Time: 12-33-08

Temperature: 25 Celsius
 Humidity: 65%
 Test No.: 001
 Tester:

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 150W flood light	Lamp Size:	Lamp Weight:
Lamp Type: led light	Rated Voltage: 220 V	Rated Power:
Light Type: LED	Light Number:	Rated Flux:
Light Standard: 150w	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

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2012-11-09
 Test Time: 12-33-08

Temperature: 25 Celsius
 Humidity: 65%
 Test No.: 001
 Tester:

Lamp Ring with Flux

Lamp Description		
Lamp Name: 150W flood light	Lamp Size:	Lamp Weight:
Lamp Type: led light	Rated Voltage: 220 V	Rated Power:
Light Type: LED	Light Number:	Rated Flux:
Light Standard: 150w	Light Area:	Light Flux:

γ	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	5619	5514	5621	5542	0.0-3.6	68.72	68.72	0.46
7.2	5589	5455	5591	5510	3.6-7.2	205.0	273.8	1.82
10.8	5522	5360	5530	5452	7.2-10.8	337.7	611.4	4.07
14.4	5458	5239	5395	5377	10.8-14.4	463.8	1075	7.16
18.0	5385	5082	5271	5266	14.4-18.0	581.2	1656	11.04
21.6	5252	4908	5139	5121	18.0-21.6	874.9	2531	16.86
25.2	5089	4719	5005	4947	21.6-25.2	802.4	3334	22.21
28.8	4913	4536	4850	4757	25.2-28.8	877.6	4211	28.05
32.4	4748	4332	4679	4560	28.8-32.4	938.0	5149	34.30
36.0	4507	4108	4449	4339	32.4-36.0	980.9	6130	40.84
39.6	4286	3880	4272	4111	36.0-39.6	1007	7137	47.54
43.2	4061	3602	3983	3849	39.6-43.2	1019	8156	54.33
46.8	3807	3316	3728	3591	43.2-46.8	1015	9171	61.09
50.4	3492	3023	3409	3323	46.8-50.4	992.6	10163	67.71
54.0	3191	2720	3095	3066	50.4-54.0	952.0	11116	74.05
57.6	2882	2430	2845	2796	54.0-57.6	896.5	12012	80.02
61.2	2514	2074	2434	2479	57.6-61.2	819.6	12832	85.48
64.8	1950	1714	1817	2104	61.2-64.8	714.8	13547	90.24
68.4	1242	817.2	1255	1734	64.8-68.4	568.3	14115	94.03
72.0	890.8	230.7	887.8	894.2	68.4-72.0	374.9	14490	96.53
75.6	555.3	186.5	609.6	320.9	72.0-75.6	167.0	14657	97.64
79.2	277.1	145.8	358.2	284.0	75.6-79.2	135.9	14793	98.54
82.8	153.3	122.7	243.3	251.1	79.2-82.8	87.91	14880	99.13
86.4	127.3	106.0	217.9	223.5	82.8-86.4	69.94	14950	99.59
90.0	102.8	94.98	194.7	199.8	86.4-90.0	60.83	15011	100.00
Unit: $^{\circ}$	Intensity Unit: cd				Unit: lm			

