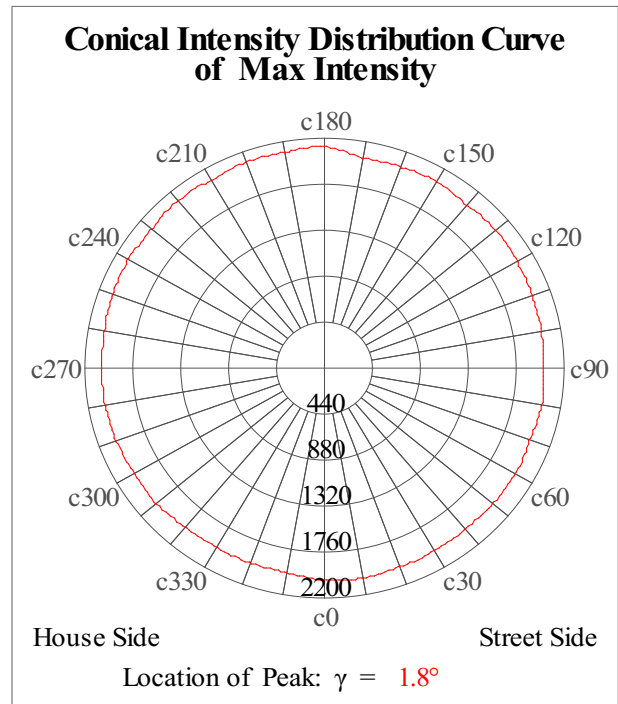
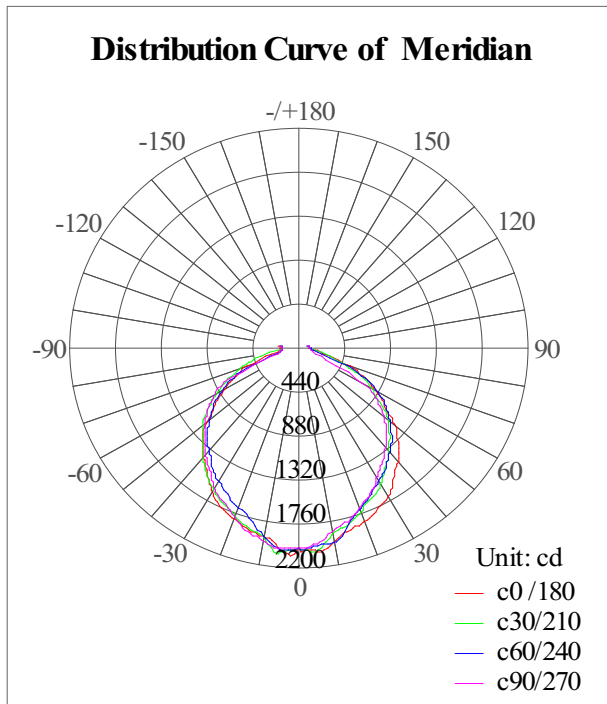




Photometric Data of Lamp

Lamp Description		
Lamp Name: 50W 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: 50w	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 219.7 V	Current: 0.245 A	Power: 52.8 W	Power Factor: 0.979
Total Flux	5149.70 lm	Central Intensity	2061.36 cd
Lamp Efficiency	0.00%	Light Efficiency	97.53 lm/W
Peak Intensity	2124.27 cd	Location of Peak(c, γ)	(180.0°, 1.8°)
Half-Intensity Angle	103.5°	BeamAngle	141.3°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	2487.99 lm
Upward House Side	0	Downward House Side	2661.77 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0

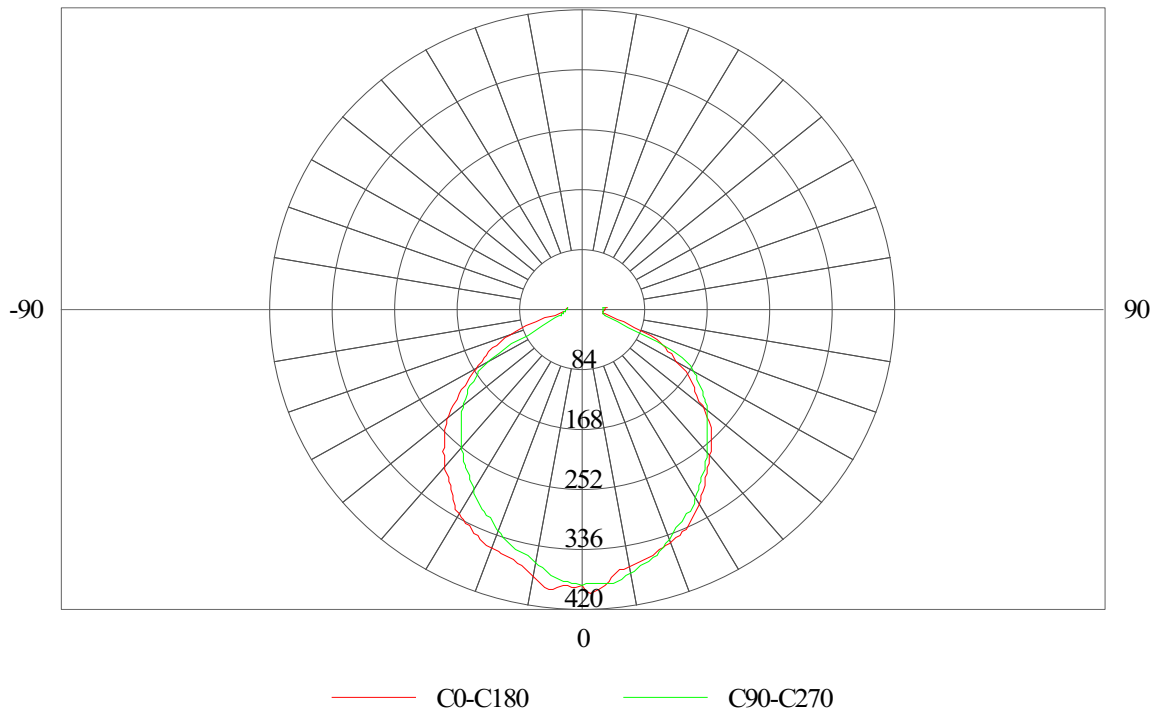


c Range: 0-360 Degree
c Interval: 10 Degree
Test Speed: Fast
Test Distance: 5.0 m
Note: notes

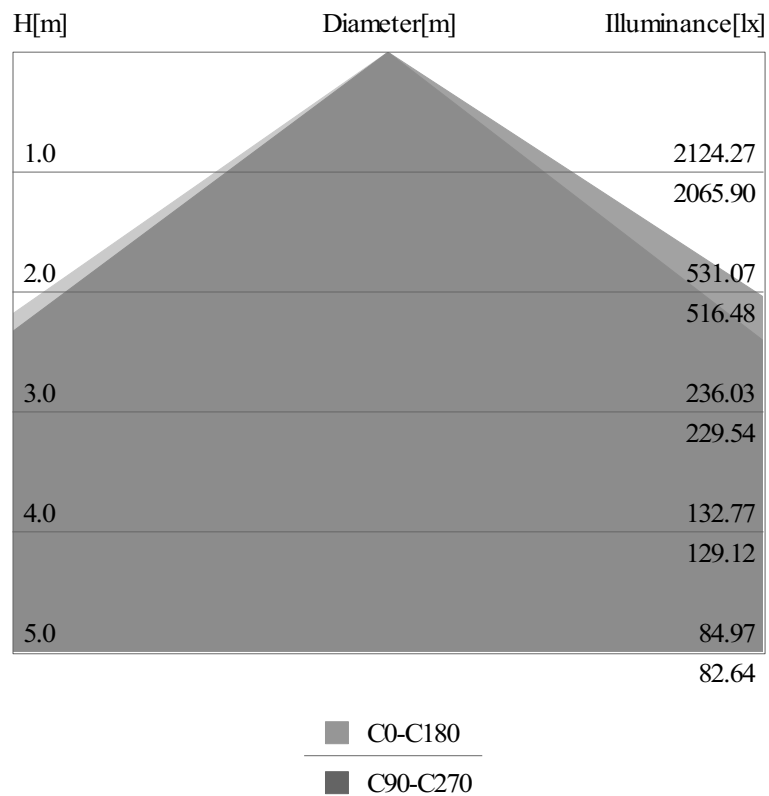
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
Test Date: 2012-11-09
Test Time: 13-12-41

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

cd/1000 lm Curve

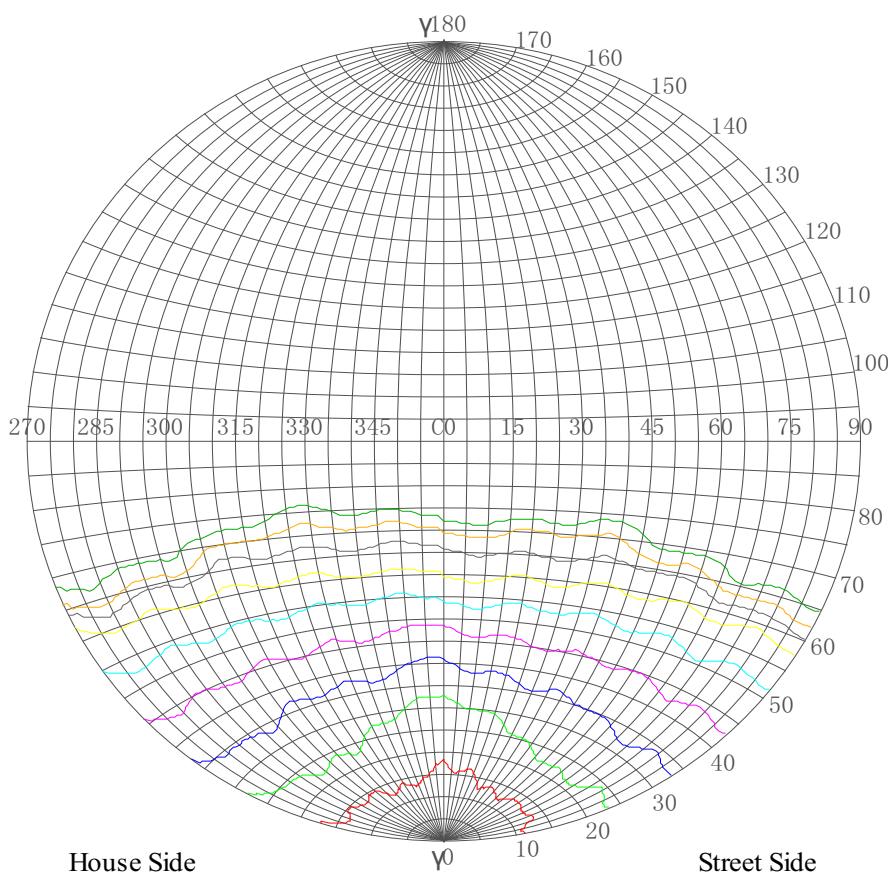


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 50W 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: 50w	Light Area:	Light Flux:



Road Lamp Type

CIE: semi-cut-off
 CIE: short-narrow extension
 IES: semi-cut-off
 IES: II-very short
 Max. At80: 32.30cd/klm
 Max. At90: 36.1827cd/klm

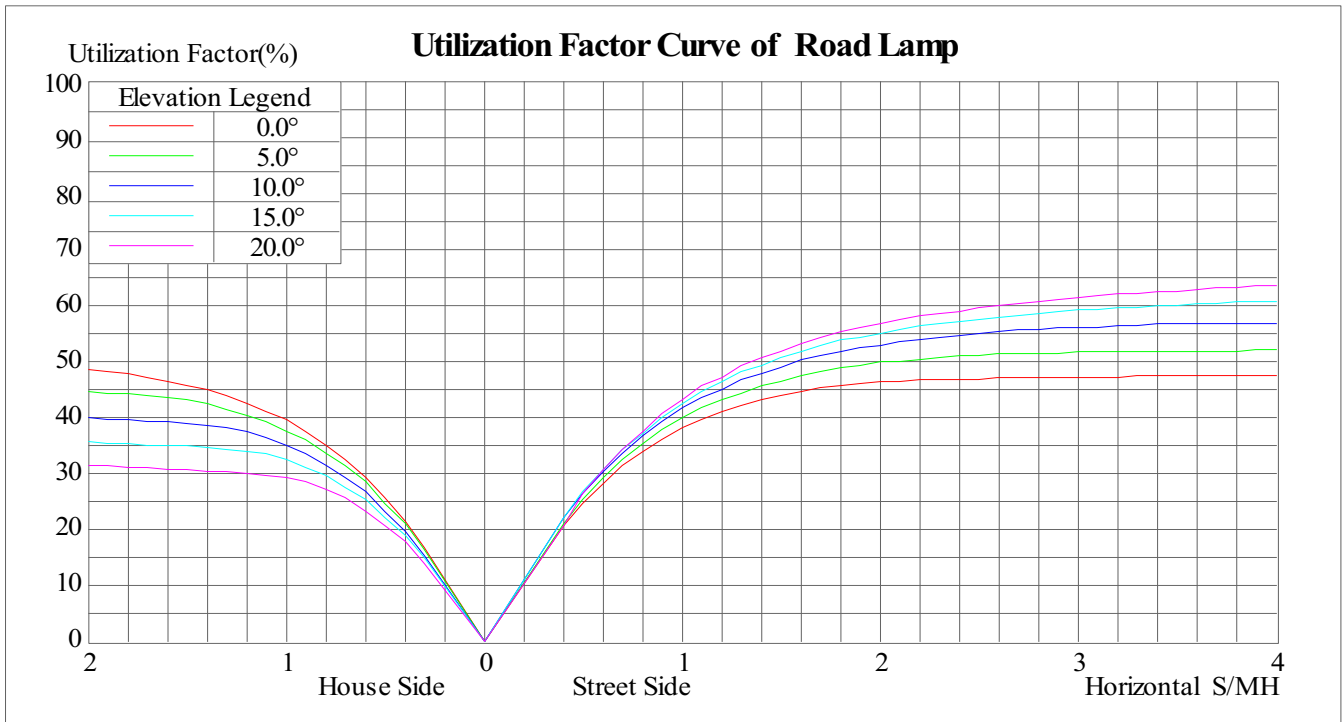
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	2125
90%	1912
80%	1700
70%	1487
60%	1275
50%	1063
40%	850
30%	638
20%	425
10%	213

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

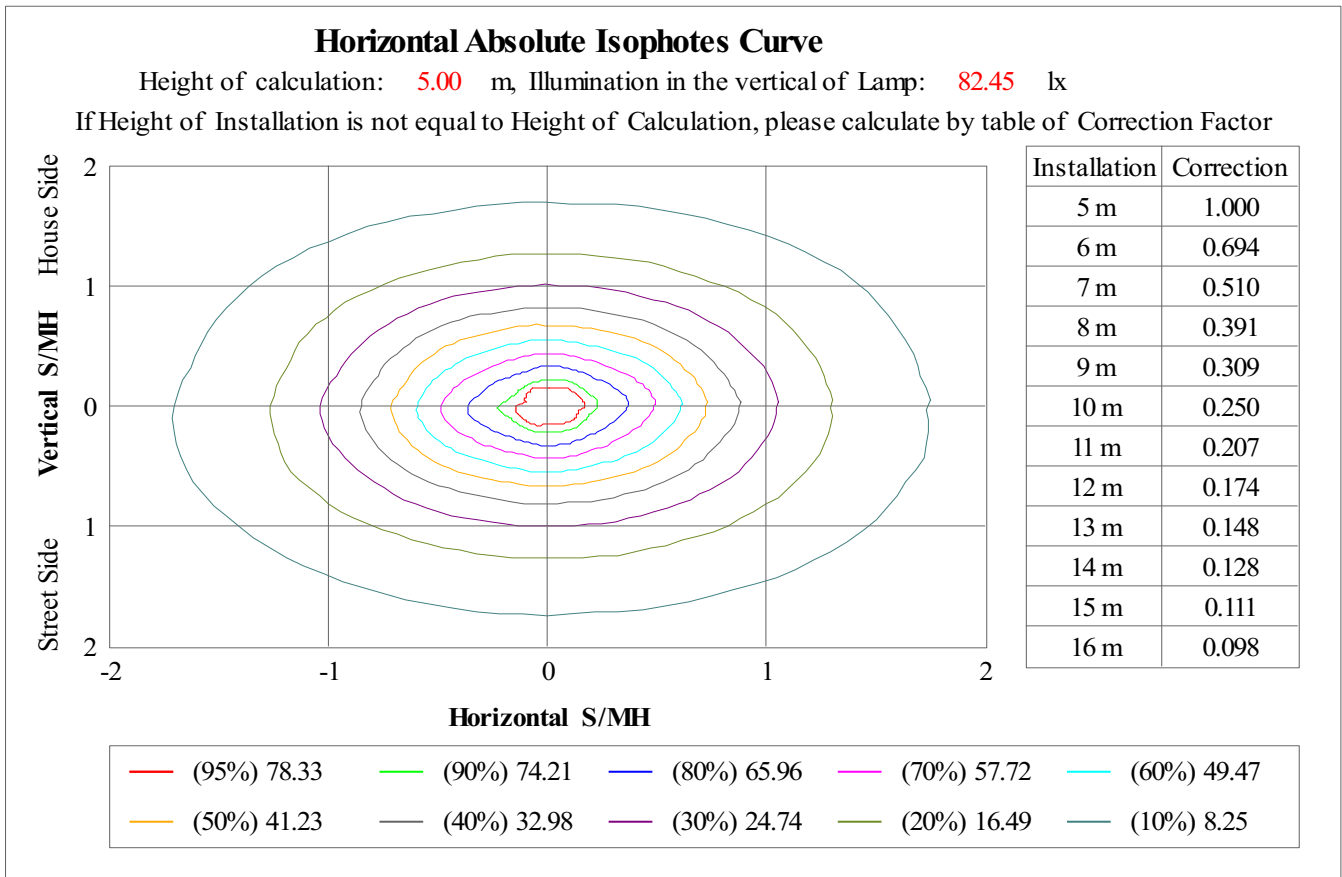
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2012-11-09
 Test Time: 13-12-41

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

Lamp Utilization Factor Curve

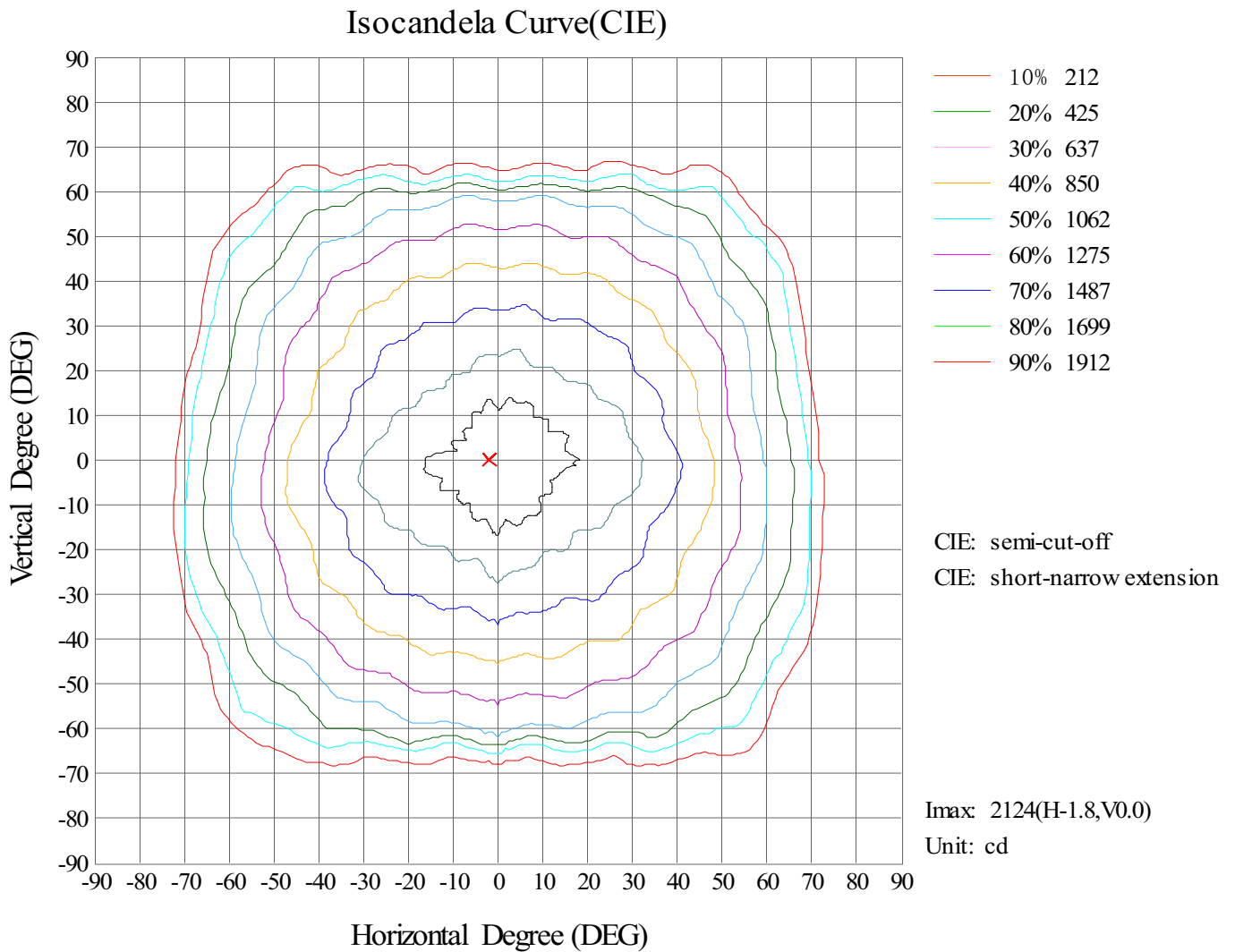


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 50W 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: 50w	Light Area:	Light Flux:



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

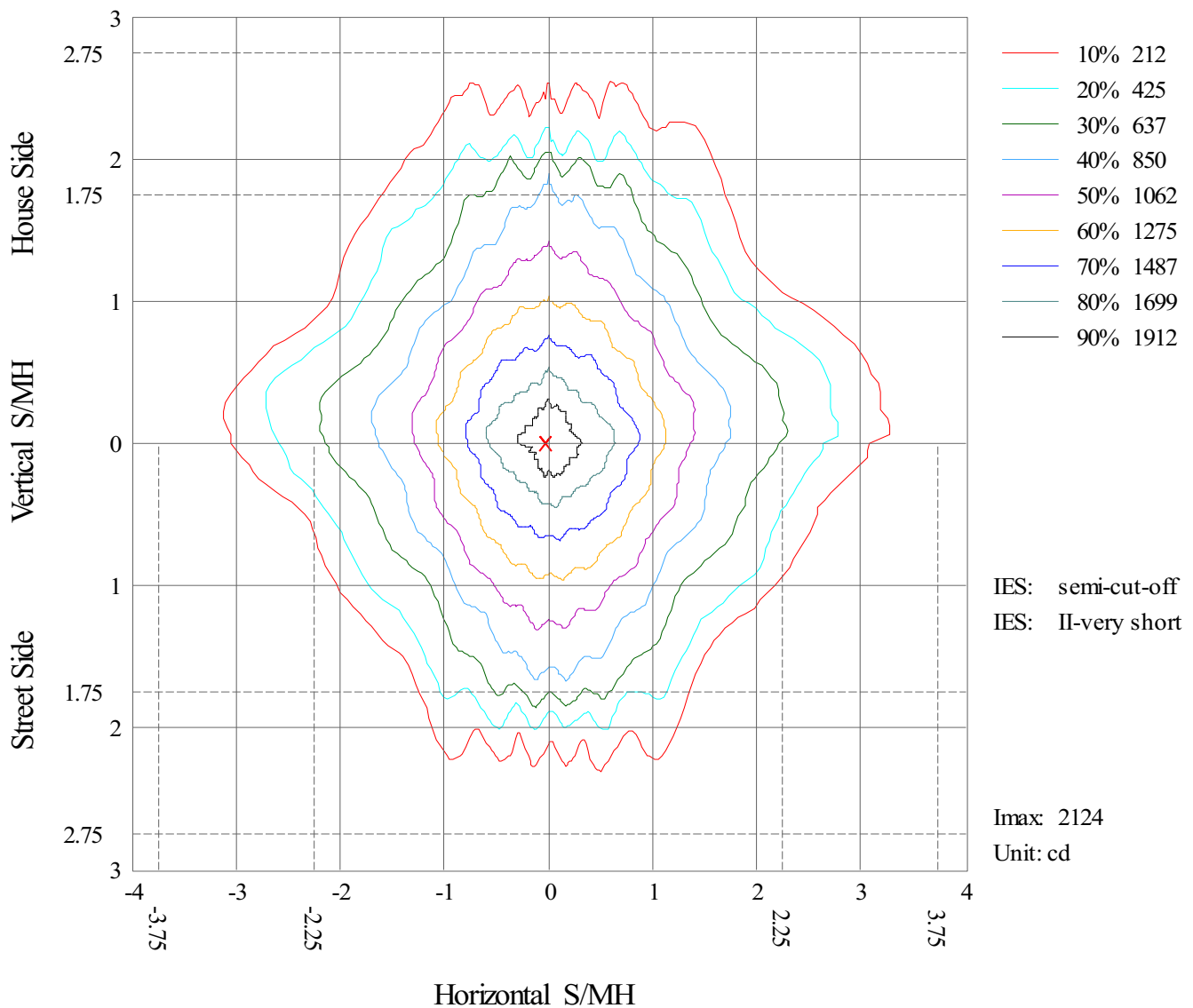
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2012-11-09
 Test Time: 13-12-41

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

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 50W 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: 50w	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: 13-12-41

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

Lamp Ring with Flux

Lamp Description		
Lamp Name: 50W 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: 50w	Light Area:	Light Flux:

γ	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	2077	2038	2105	2065	0.0-3.6	25.56	25.56	0.50
7.2	2095	1981	1991	2049	3.6-7.2	75.86	101.4	1.97
10.8	2002	1900	1956	1994	7.2-10.8	122.6	224.0	4.35
14.4	1942	1855	1926	1947	10.8-14.4	164.9	388.9	7.55
18.0	1918	1797	1877	1883	14.4-18.0	203.6	592.5	11.51
21.6	1884	1715	1848	1797	18.0-21.6	303.8	896.3	17.40
25.2	1828	1659	1792	1730	21.6-25.2	277.9	1174	22.80
28.8	1779	1575	1712	1666	25.2-28.8	304.2	1478	28.71
32.4	1700	1487	1620	1569	28.8-32.4	325.0	1803	35.02
36.0	1595	1415	1522	1490	32.4-36.0	339.7	2143	41.62
39.6	1523	1337	1437	1407	36.0-39.6	349.2	2492	48.40
43.2	1429	1248	1355	1311	39.6-43.2	353.8	2846	55.27
46.8	1323	1170	1252	1239	43.2-46.8	352.6	3199	62.12
50.4	1206	1071	1096	1159	46.8-50.4	344.7	3544	68.81
54.0	1049	951.2	980.9	1066	50.4-54.0	329.5	3873	75.21
57.6	912.3	818.8	857.8	967.0	54.0-57.6	306.2	4179	81.15
61.2	789.9	435.4	728.0	853.4	57.6-61.2	270.5	4450	86.41
64.8	666.7	170.0	618.9	464.6	61.2-64.8	212.3	4662	90.53
68.4	494.5	141.8	404.2	188.2	64.8-68.4	146.9	4809	93.38
72.0	193.4	125.3	173.3	167.0	68.4-72.0	90.42	4899	95.14
75.6	120.6	115.9	164.1	156.5	72.0-75.6	44.34	4944	96.00
79.2	110.3	107.7	165.8	154.8	75.6-79.2	52.23	4996	97.01
82.8	101.8	102.5	169.3	156.4	79.2-82.8	51.07	5047	98.00
86.4	95.80	97.73	177.0	160.0	82.8-86.4	51.13	5098	99.00
90.0	91.09	93.02	186.3	165.3	86.4-90.0	51.75	5150	100.00
Unit: $^{\circ}$	Intensity Unit: cd				Unit: lm			

