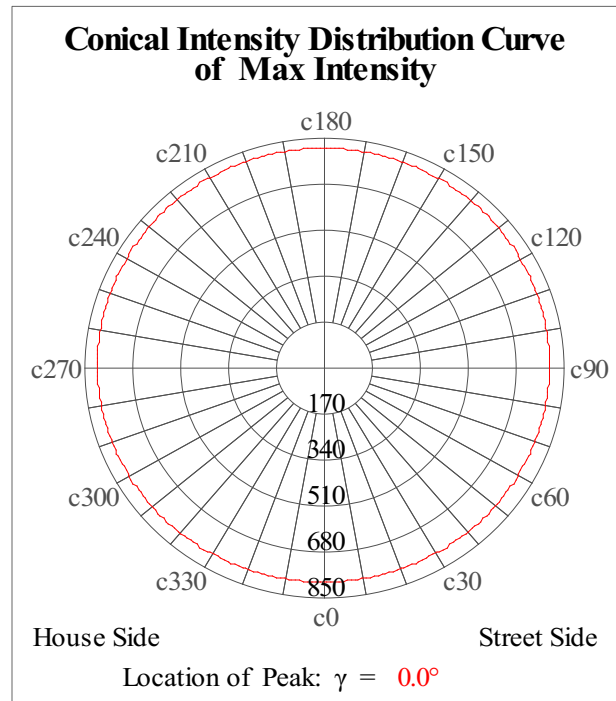
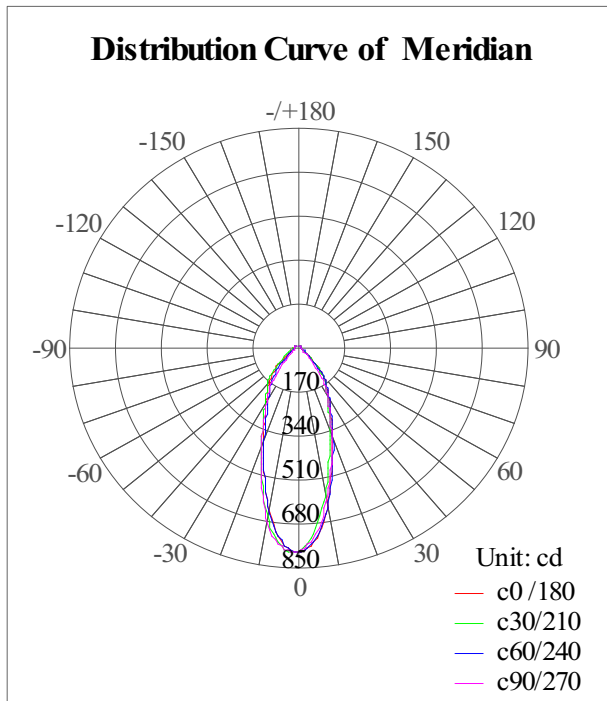


Photometric Data of Lamp

Lamp Description		
Lamp Name:	Lamp Size:	Lamp Weight:
Lamp Type: 3000K CRI80 38°	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 229.8 V	Current: 0.041 A	Power: 8.6 W	Power Factor: 0.906
Total Flux	547.70 lm	Central Intensity	836.41 cd
Lamp Efficiency	0.00%	Light Efficiency	63.69 lm/W
Peak Intensity	836.41 cd	Location of Peak(c, γ)	(0.0°, 0.0°)
Half-Intensity Angle	36.0°	BeamAngle	88.2°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	272.91 lm
Upward House Side	0	Downward House Side	274.88 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0

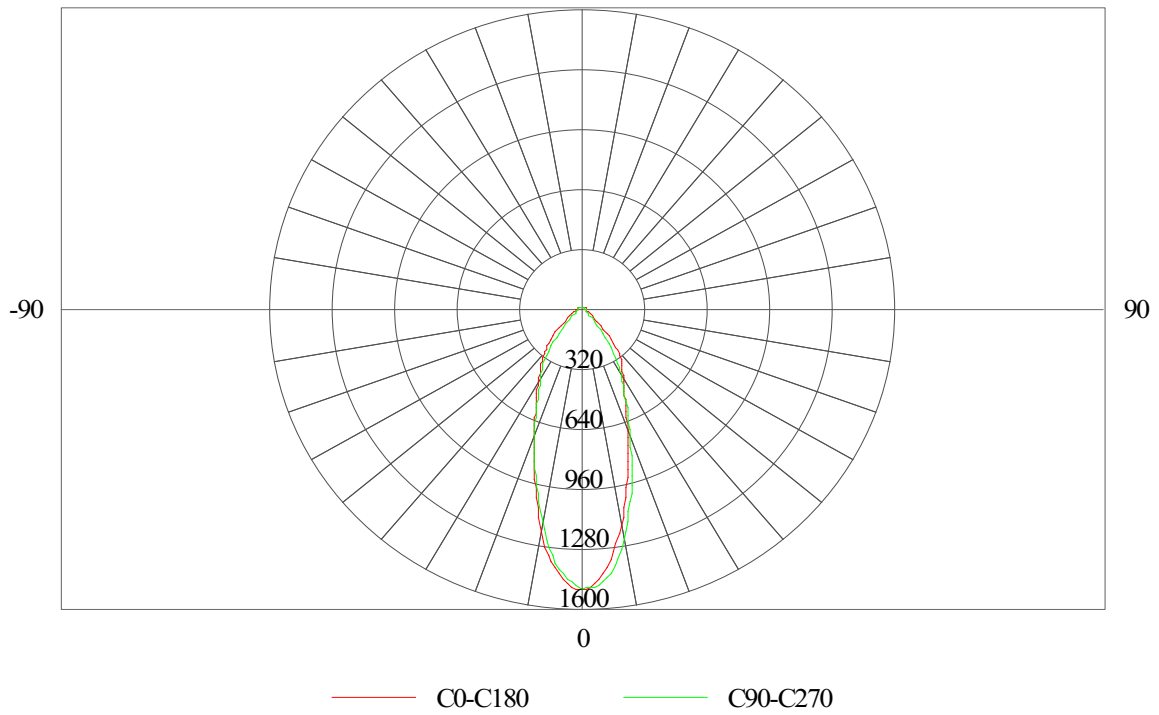


c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

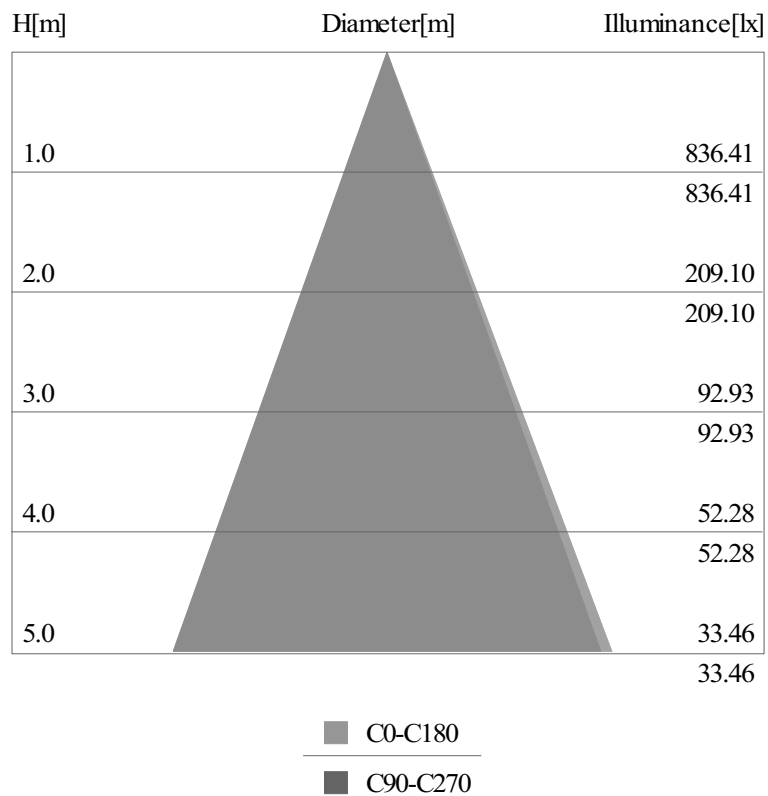
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-05-15
 Test Time: 17-57-54

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

cd/1000 lm Curve

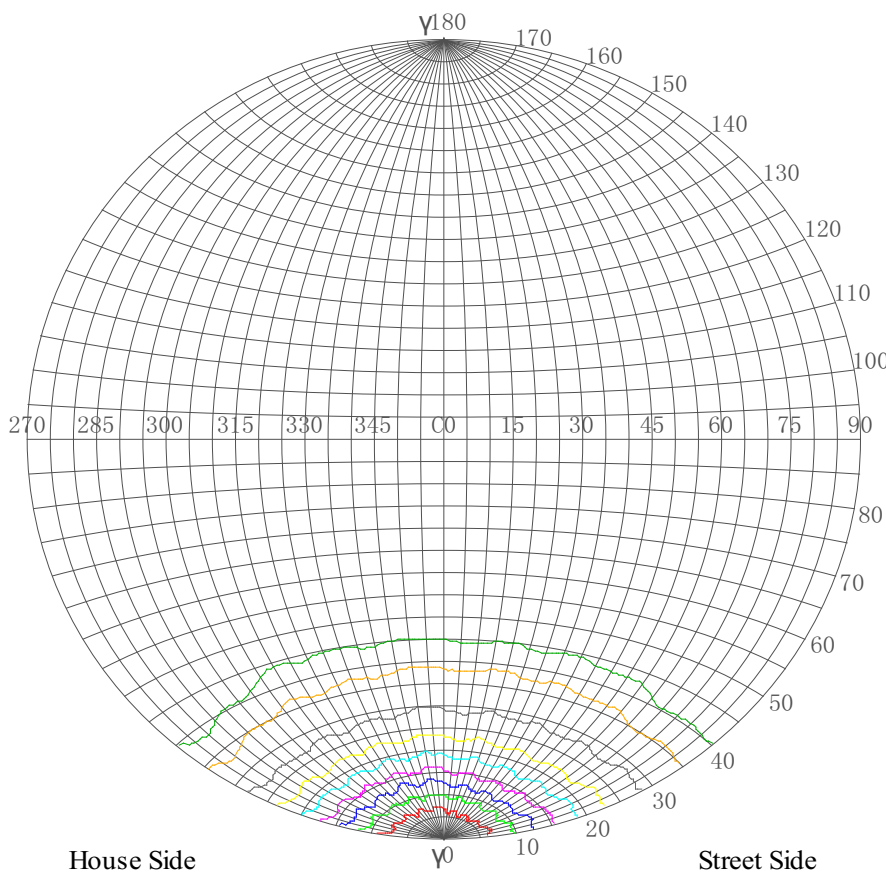


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name:	Lamp Size:	Lamp Weight:
Lamp Type: 3000K CRI80 38°	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: V-very short

Max. At80: 15.68cd/klm

Max. At90: 7.5589cd/klm

Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	837
— 90%	753
— 80%	670
— 70%	586
— 60%	502
— 50%	419
— 40%	335
— 30%	251
— 20%	168
— 10%	84

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: 2013-05-15

Test Time: 17-57-54

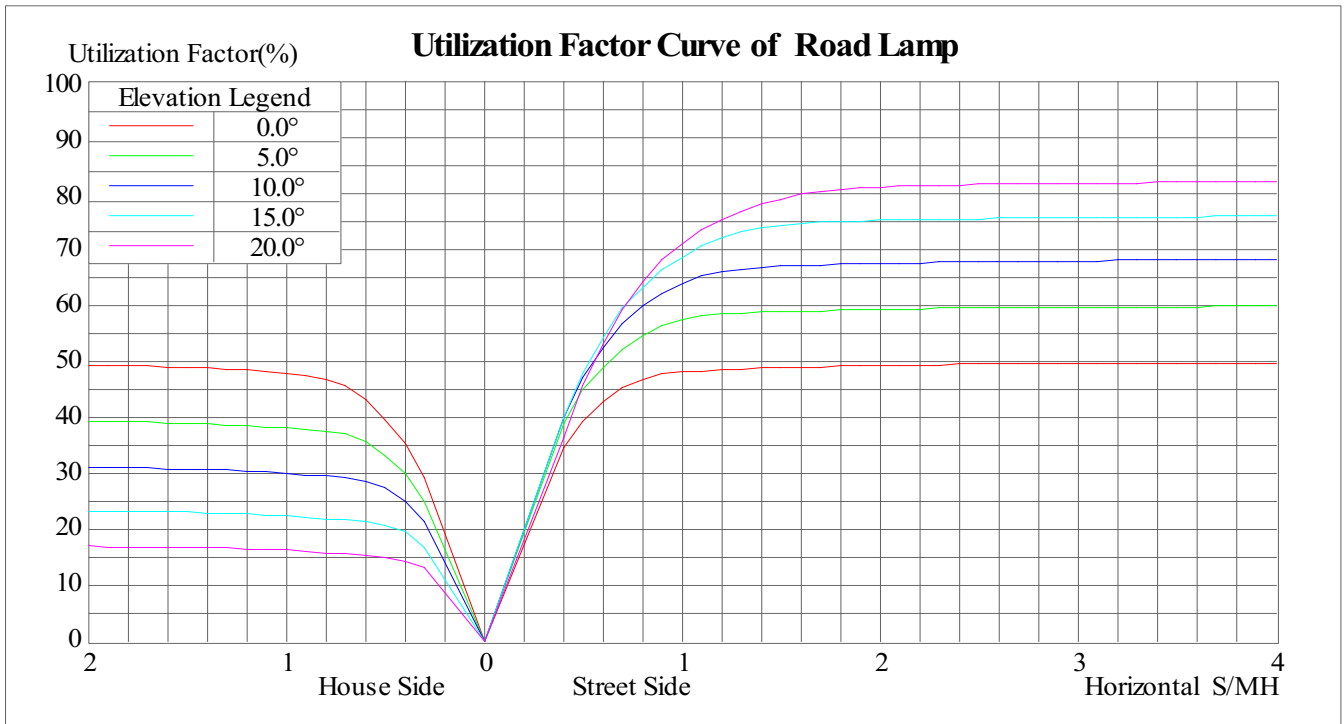
Temperature: 20 Celsius

Humidity: 50%

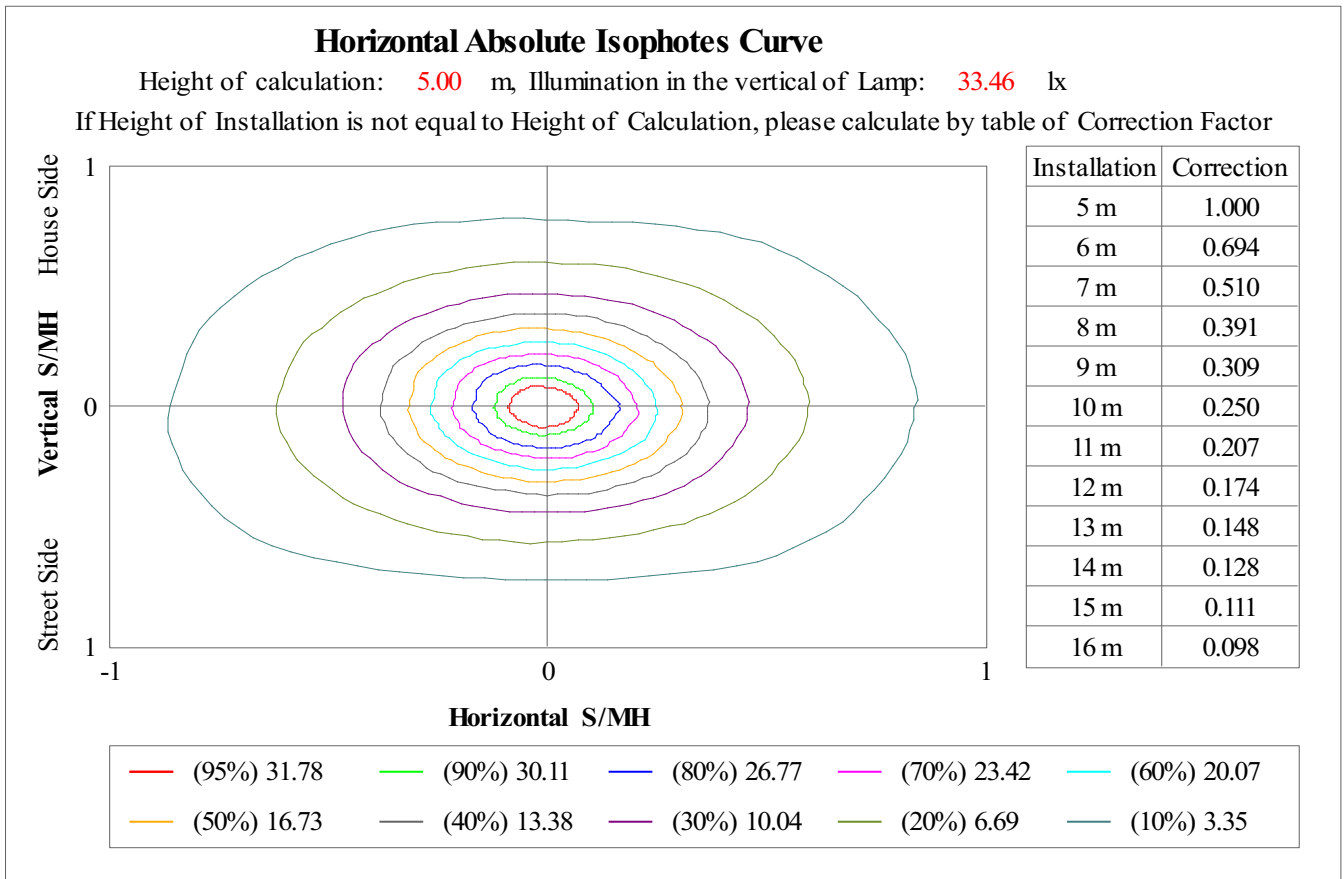
Test No.:

Tester:

Lamp Utilization Factor Curve

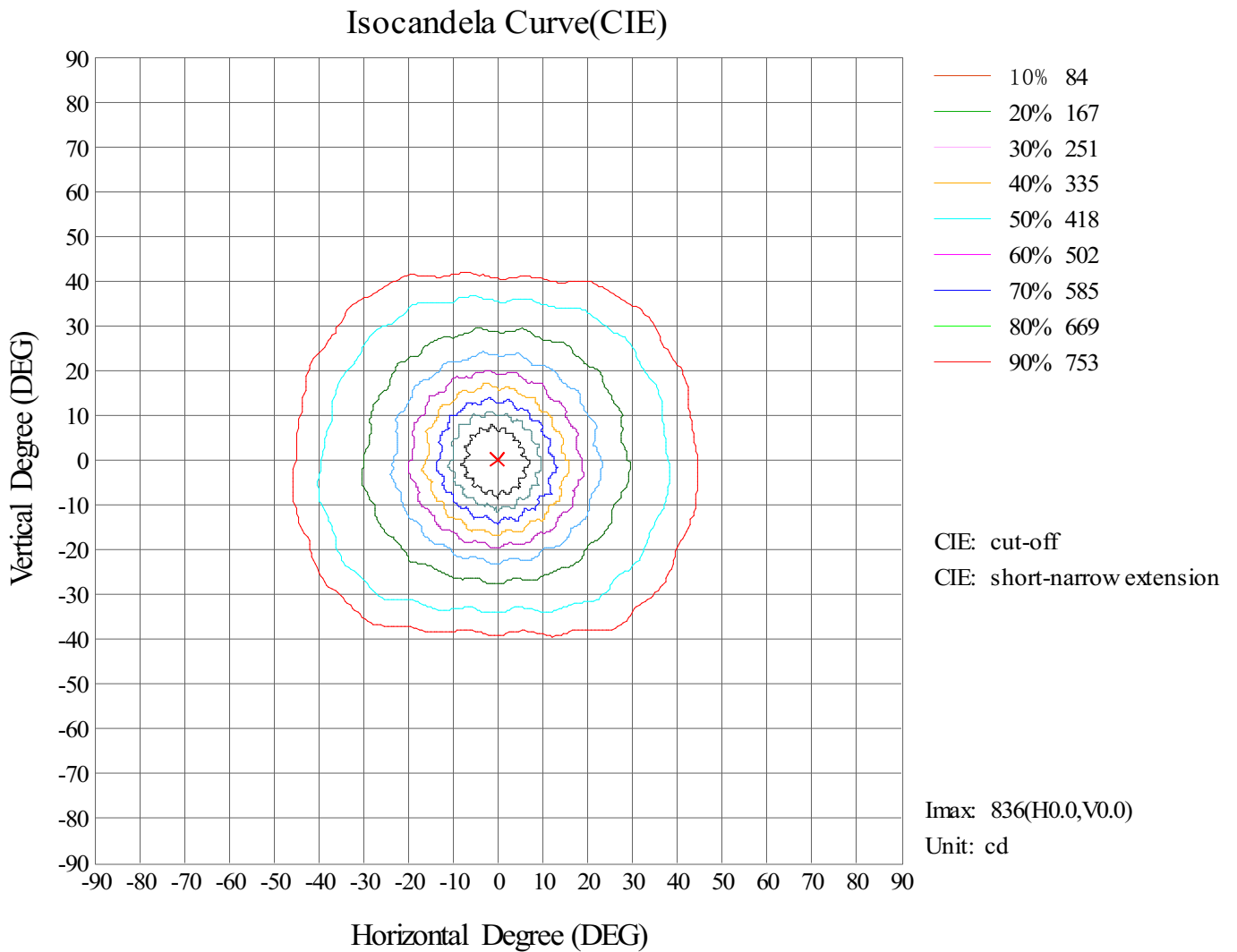


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name:	Lamp Size:	Lamp Weight:
Lamp Type: 3000K CRI80 38°	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

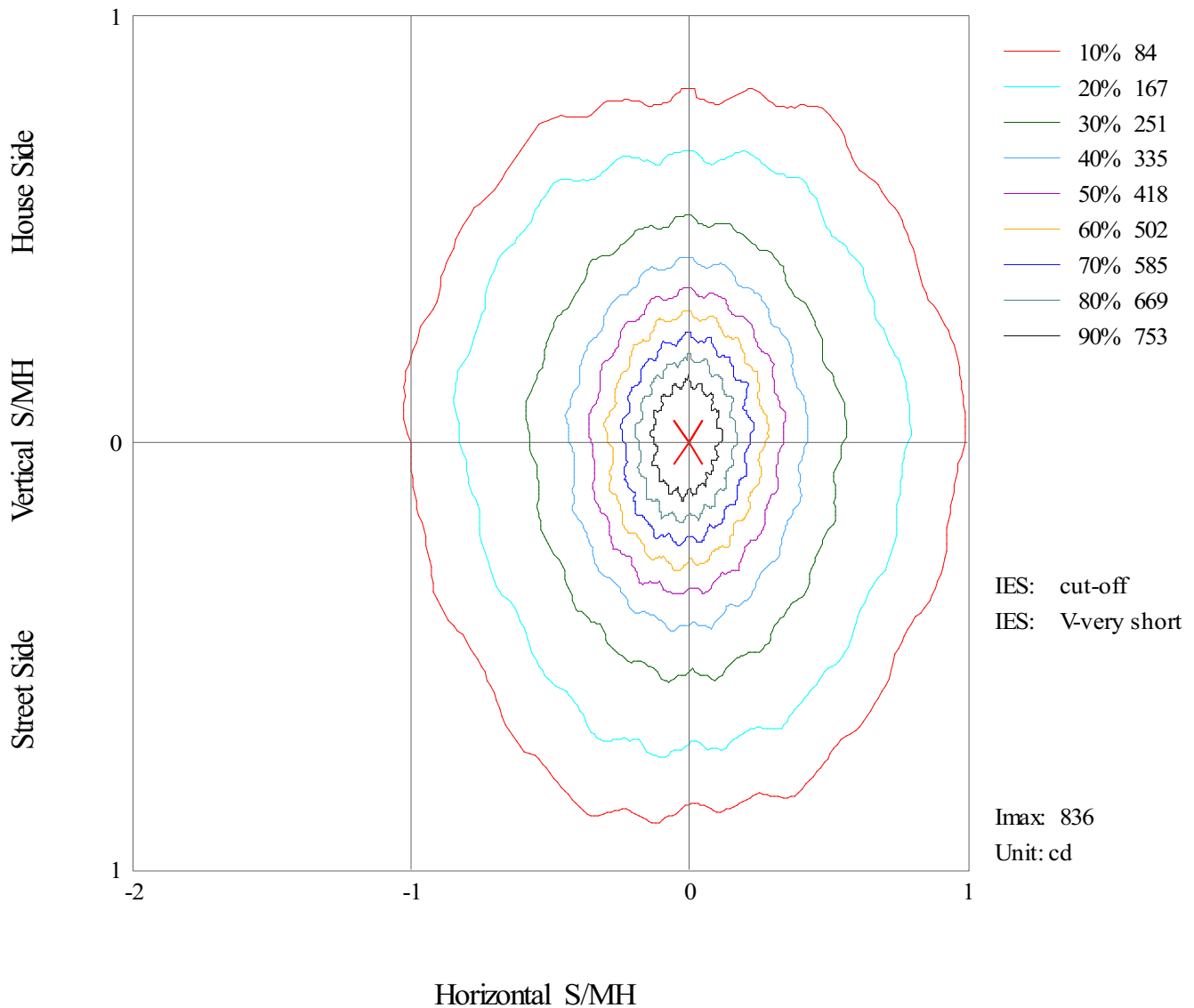
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-05-15
 Test Time: 17-57-54

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

Isocandela Curve of Lamp

Lamp Description		
Lamp Name:	Lamp Size:	Lamp Weight:
Lamp Type: 3000K CRI80 38°	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

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-05-15
 Test Time: 17-57-54

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

Lamp Ring with Flux

Lamp Description		
Lamp Name:	Lamp Size:	Lamp Weight:
Lamp Type: 3000K CRI80 38°	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	808.3	792.1	808.8	823.9	0.0-3.6	10.15	10.15	1.85
7.2	739.6	718.3	730.1	773.1	3.6-7.2	28.68	38.84	7.09
10.8	636.4	615.2	632.1	677.6	7.2-10.8	42.45	81.29	14.84
14.4	525.2	517.3	524.7	570.4	10.8-14.4	50.34	131.6	24.03
18.0	435.3	424.1	431.6	462.9	14.4-18.0	53.30	184.9	33.76
21.6	355.9	350.1	350.8	367.6	18.0-21.6	65.64	250.6	45.74
25.2	299.6	284.4	290.8	291.2	21.6-25.2	49.96	300.5	54.86
28.8	251.1	238.0	252.3	238.6	25.2-28.8	47.47	348.0	63.53
32.4	213.1	199.4	217.7	196.3	28.8-32.4	44.85	392.8	71.71
36.0	183.2	144.7	191.0	133.7	32.4-36.0	41.29	434.1	79.25
39.6	151.6	83.39	155.5	73.27	36.0-39.6	35.16	469.3	85.67
43.2	104.6	25.36	106.3	26.53	39.6-43.2	25.22	494.5	90.27
46.8	50.30	14.81	52.56	17.85	43.2-46.8	14.46	509.0	92.91
50.4	19.87	12.22	21.85	16.02	46.8-50.4	7.151	516.1	94.22
54.0	12.76	10.70	17.32	14.61	50.4-54.0	4.674	520.8	95.07
57.6	11.42	9.470	15.62	13.27	54.0-57.6	4.217	525.0	95.84
61.2	10.43	8.410	14.28	12.00	57.6-61.2	3.938	529.0	96.56
64.8	9.500	7.650	12.86	10.84	61.2-64.8	3.673	532.6	97.23
68.4	8.820	6.720	11.83	9.760	64.8-68.4	3.401	536.0	97.85
72.0	7.960	5.280	10.70	8.190	68.4-72.0	3.065	539.1	98.41
75.6	7.340	2.990	9.730	5.370	72.0-75.6	1.973	541.1	98.77
79.2	6.710	2.780	8.850	4.570	75.6-79.2	2.184	543.3	99.17
82.8	5.050	2.720	6.560	4.210	79.2-82.8	1.768	545.0	99.49
86.4	3.070	2.730	4.460	3.910	82.8-86.4	1.445	546.5	99.76
90.0	2.800	2.730	3.690	3.630	86.4-90.0	1.329	547.8	100.00
Unit: °	Intensity Unit: cd				Unit: lm			

