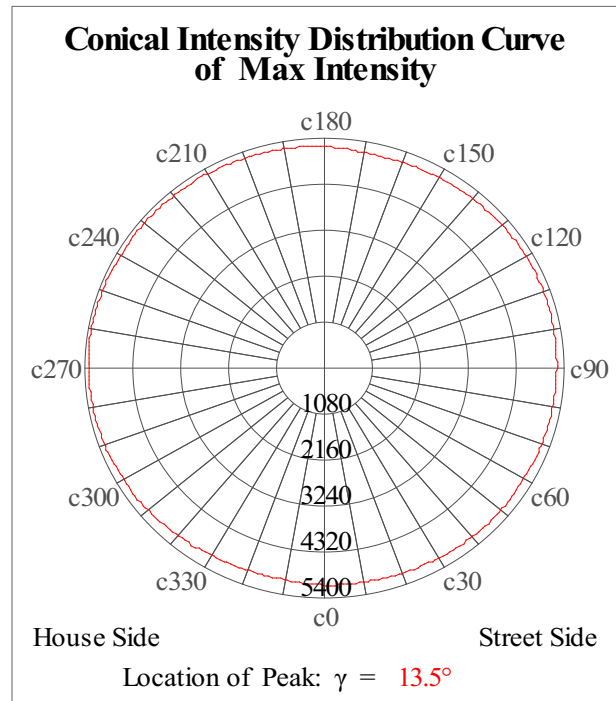
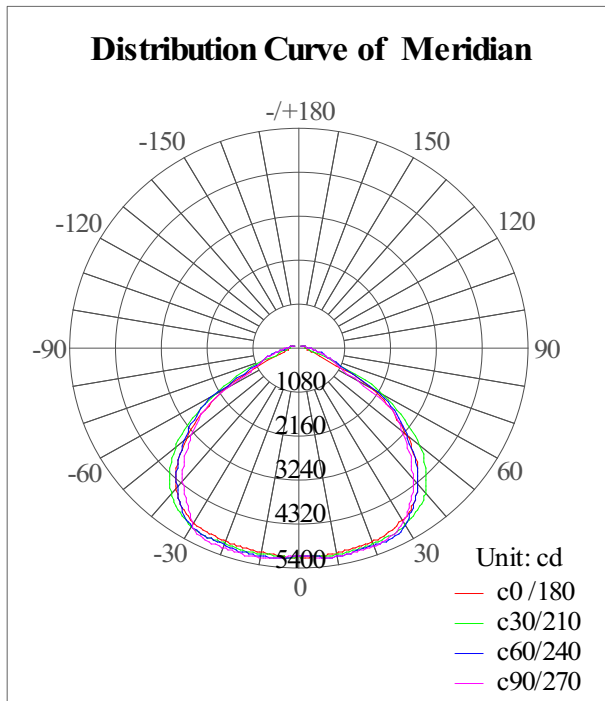


Photometric Data of Lamp

Lamp Description		
Lamp Name: 160W LED flood ligh	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: 230.2 V	Current: 0.779 A	Power: 174 W	Power Factor: 0.97
Total Flux	14226.70 lm	Central Intensity	5276.70 cd
Lamp Efficiency	0.00%	Light Efficiency	81.76 lm/W
Peak Intensity	5389.51 cd	Location of Peak(c, γ)	(270.0°, 13.5°)
Half-Intensity Angle	108.0°	BeamAngle	140.4°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	7101.53 lm
Upward House Side	0	Downward House Side	7124.88 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0

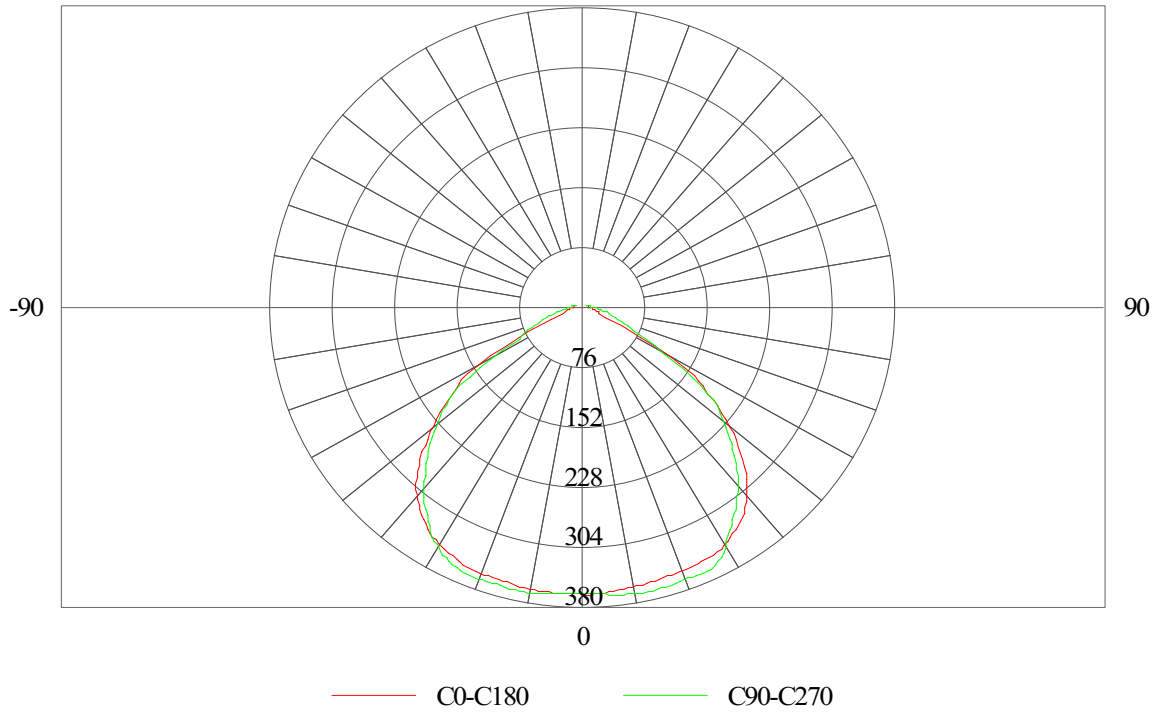


c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 8.0 m
 Note: notes

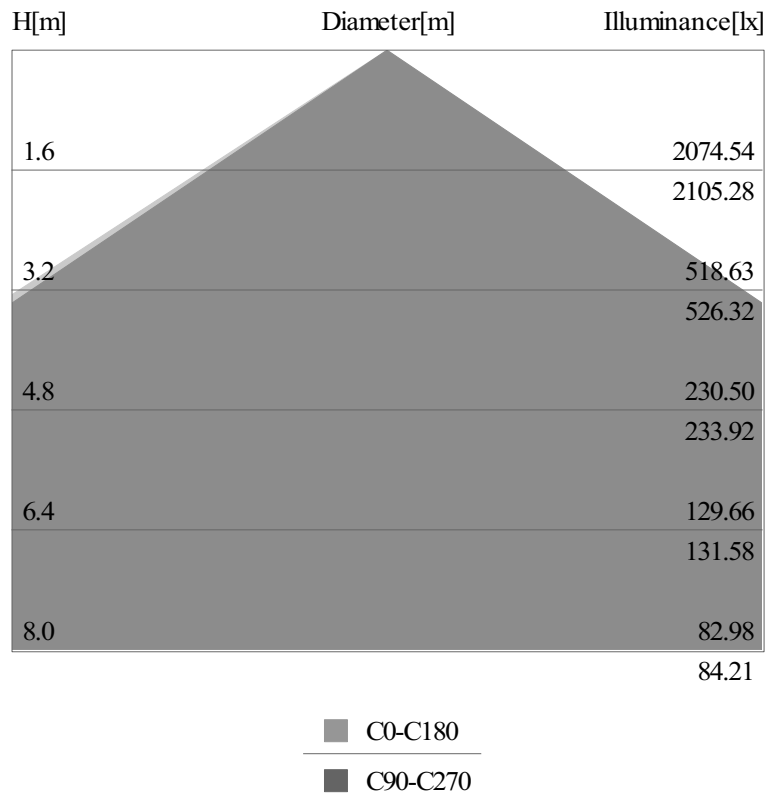
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-01-22
 Test Time: 20-28-47

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

cd/1000 lm Curve

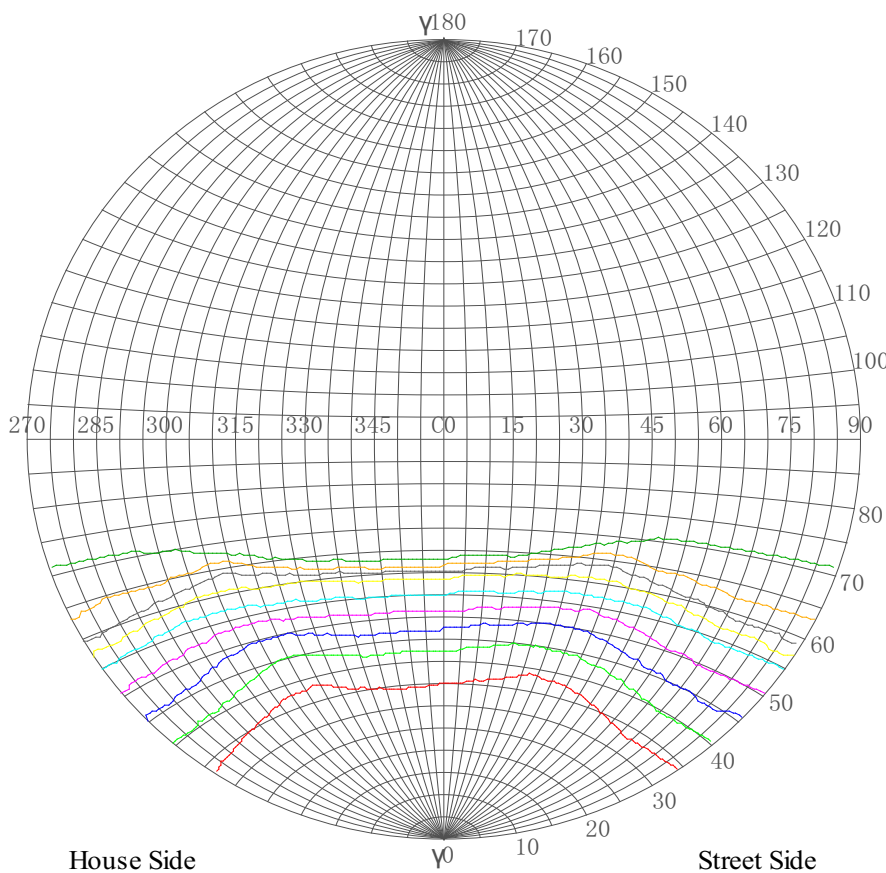


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 160W LED flood ligh	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: 9.93cd/klm
 Max. At90: 6.7022cd/klm

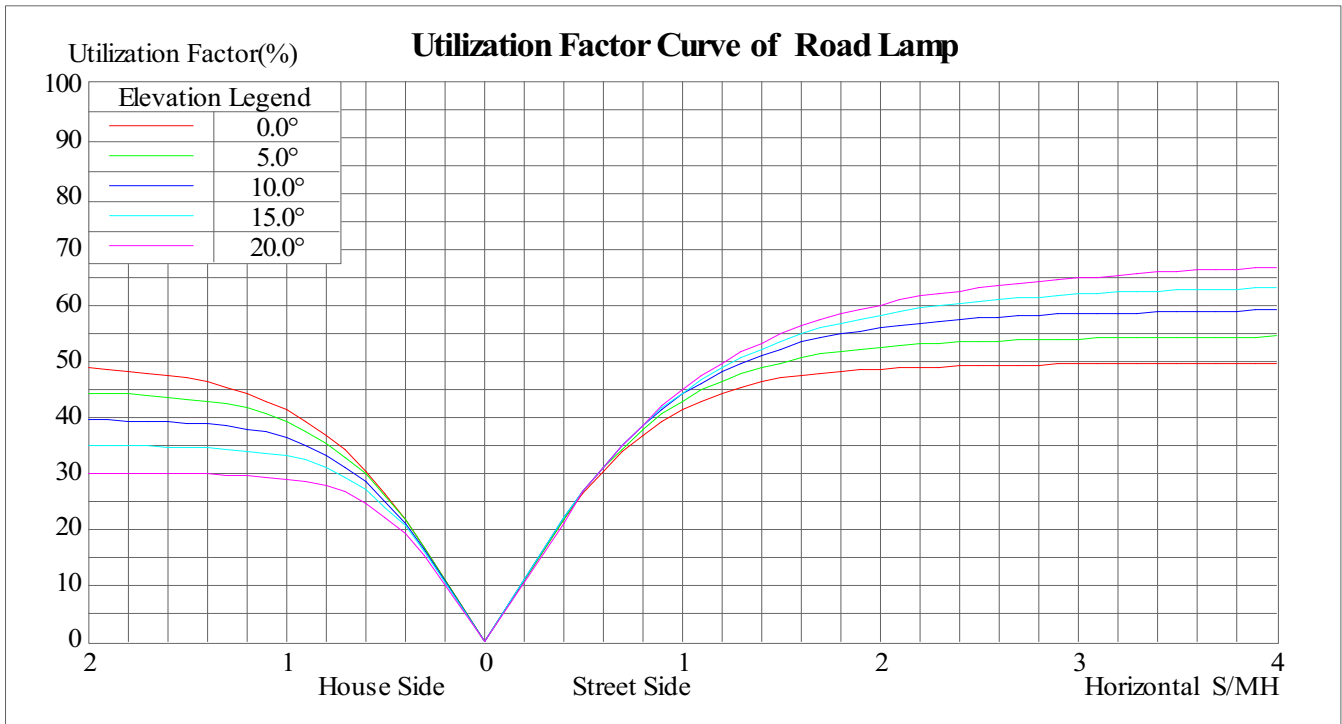
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	5390
— 90%	4851
— 80%	4312
— 70%	3773
— 60%	3234
— 50%	2695
— 40%	2156
— 30%	1617
— 20%	1078
— 10%	539

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

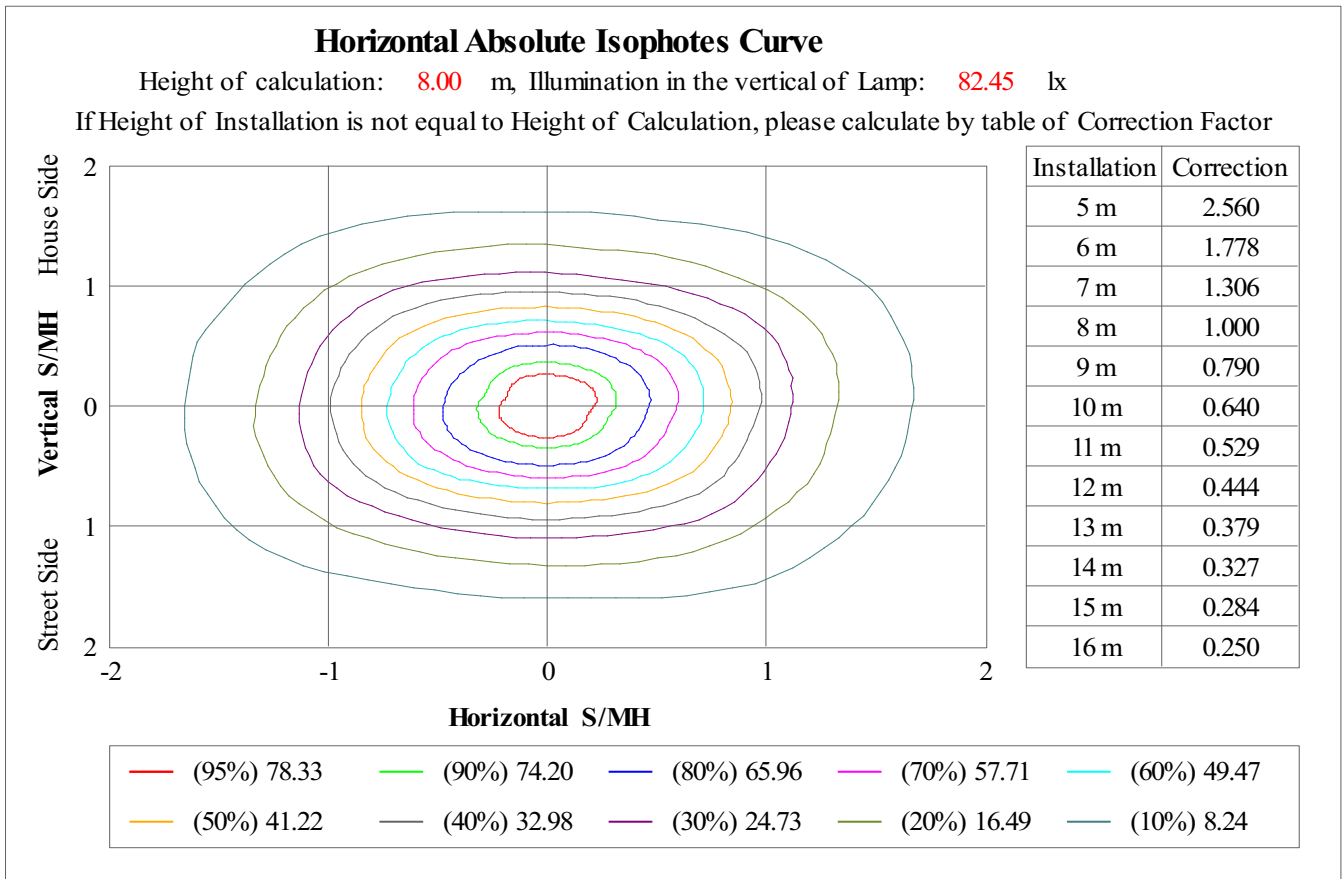
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-01-22
 Test Time: 20-28-47

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

Lamp Utilization Factor Curve

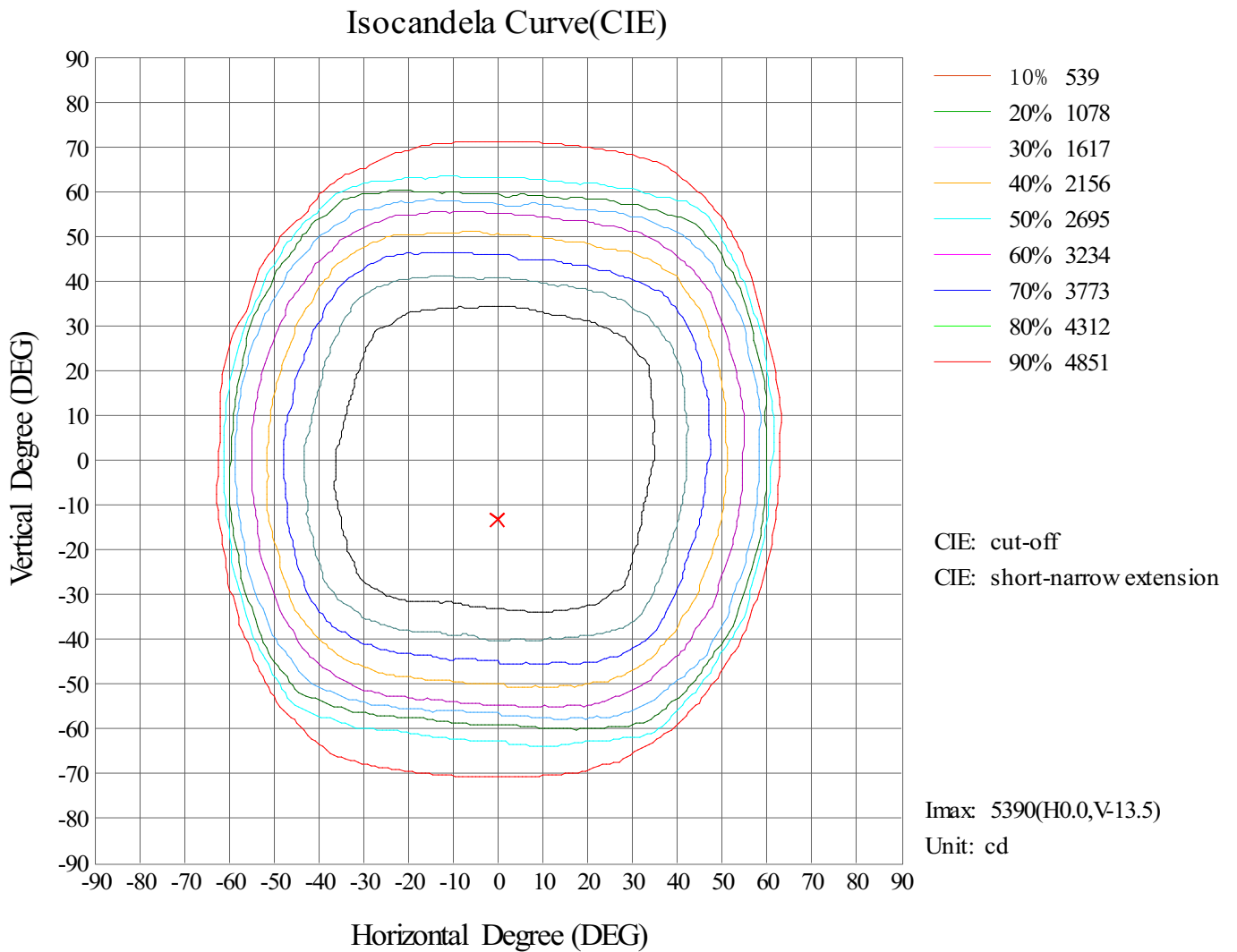


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 160W LED flood ligh	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: 8.0 m
 Note: notes

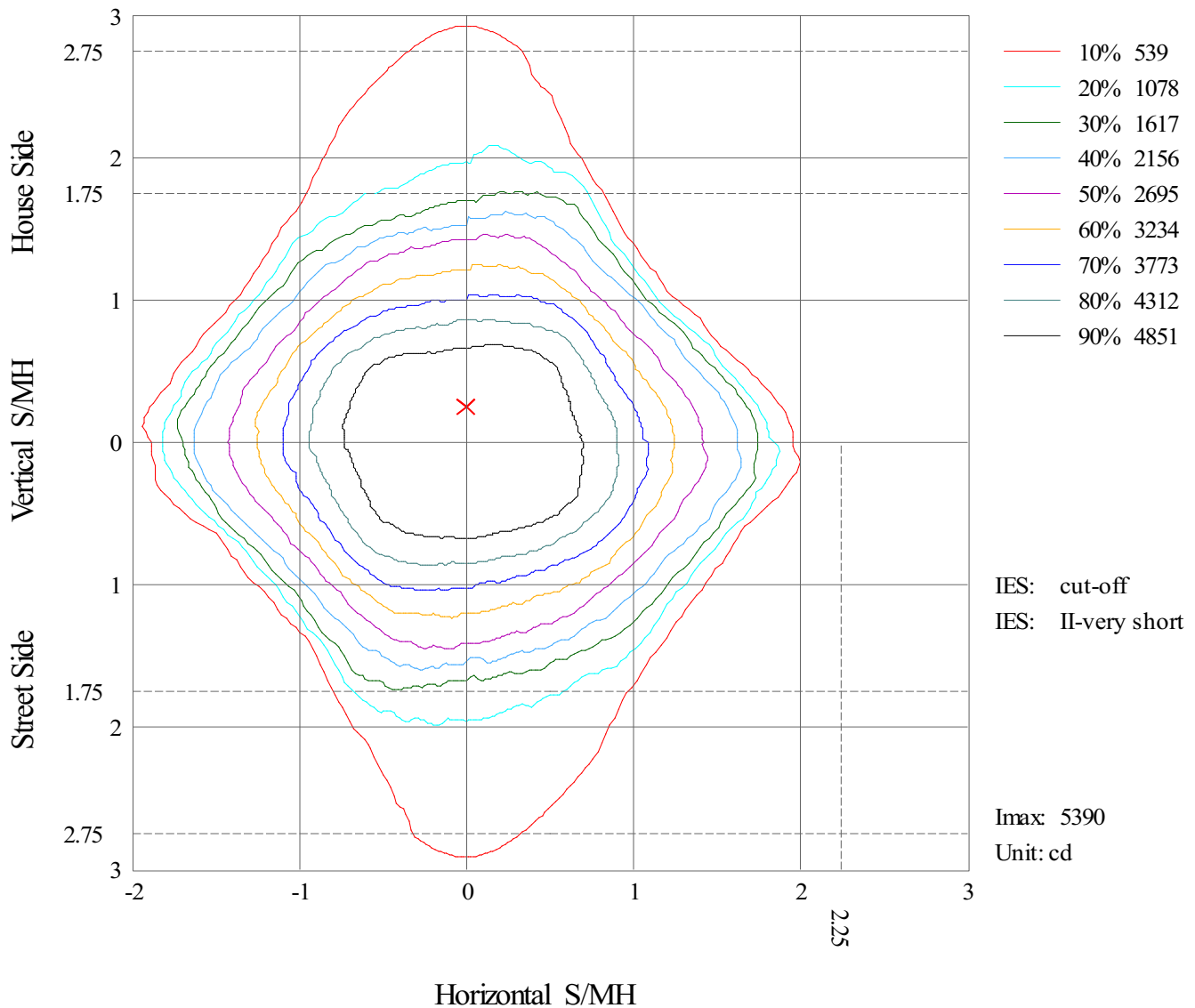
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-01-22
 Test Time: 20-28-47

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

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 160W LED flood ligh	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

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2013-01-22
 Test Time: 20-28-47

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

