



# TRUST LED UFO 100W

Model No: TST-UFO100W

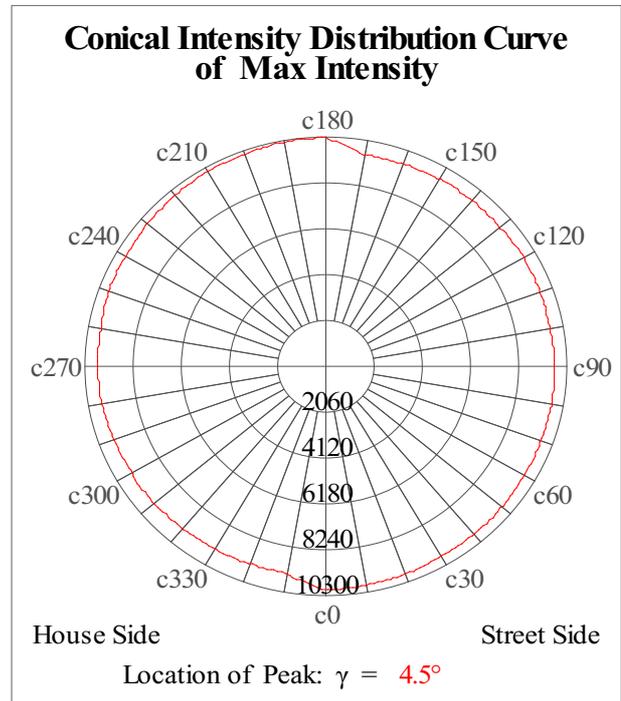
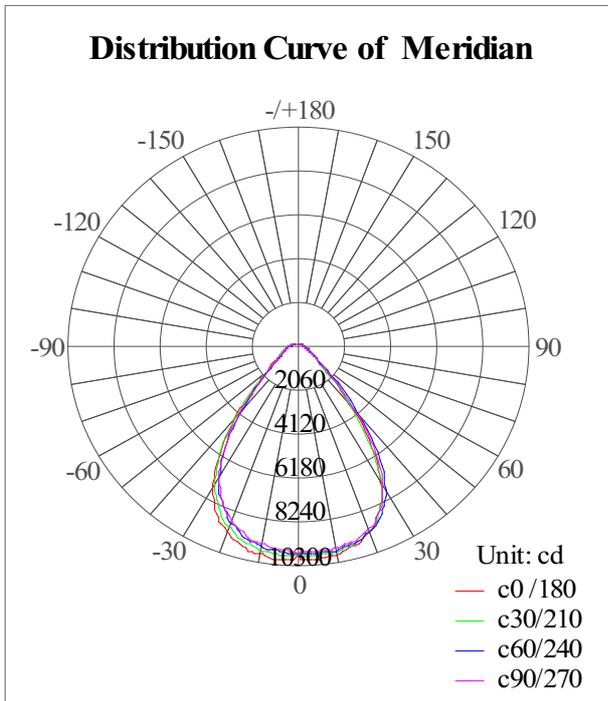




## Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-UFO100W-pcco	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 100 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 230.2 V	Current: 0.452 A	Power: 102.4 W	Power Factor: 0.983
Total Flux	13962.80 lm	Central Intensity	9917.43 cd
Lamp Efficiency	0.00%	Light Efficiency	136.36 lm/W
Peak Intensity	10277.60 cd	Location of Peak(c,γ)	(0.0°, 4.5°)
Half-Intensity Angle	72.0°	BeamAngle	100.8°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	7100.98 lm
Upward House Side	0	Downward House Side	6862.60 lm
Flash Area(76°)	0 cm <sup>2</sup>	Discomfort Glare(SLI)	0

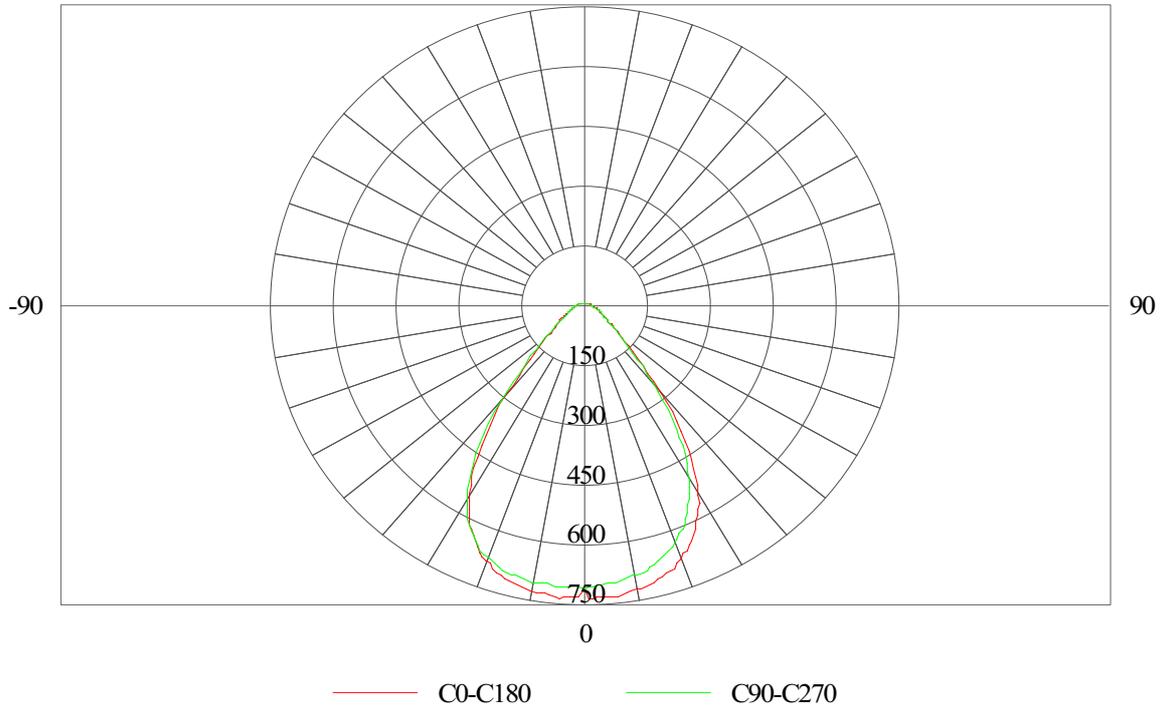


c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.5 m  
 Note: notes

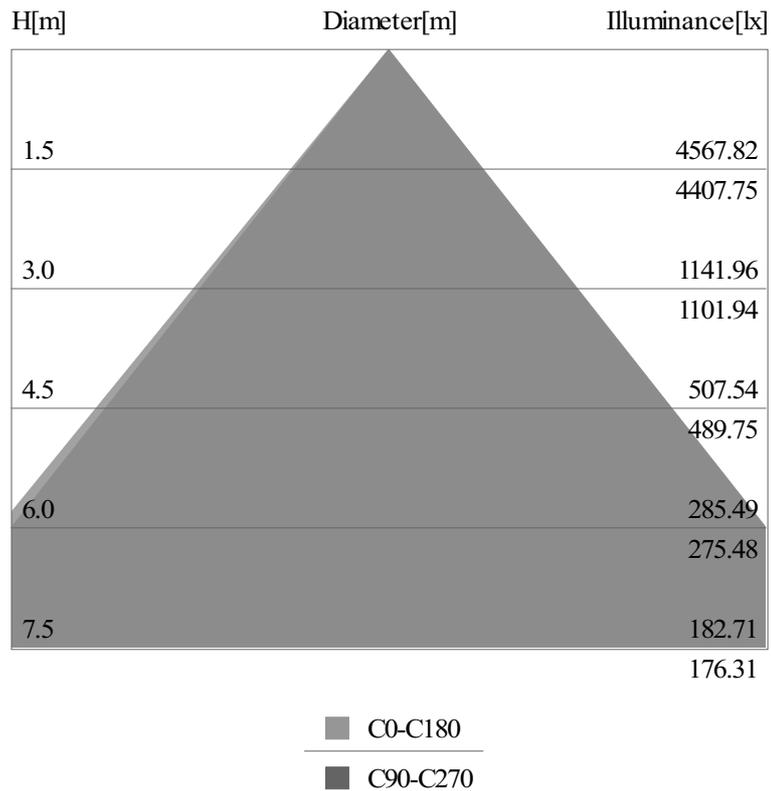
γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2019-11-01  
 Test Time: 19-52-27

Temperature: 30°C  
 Humidity: 60%  
 Test No.: 01  
 Tester: 01

### cd/1000 lm Curve

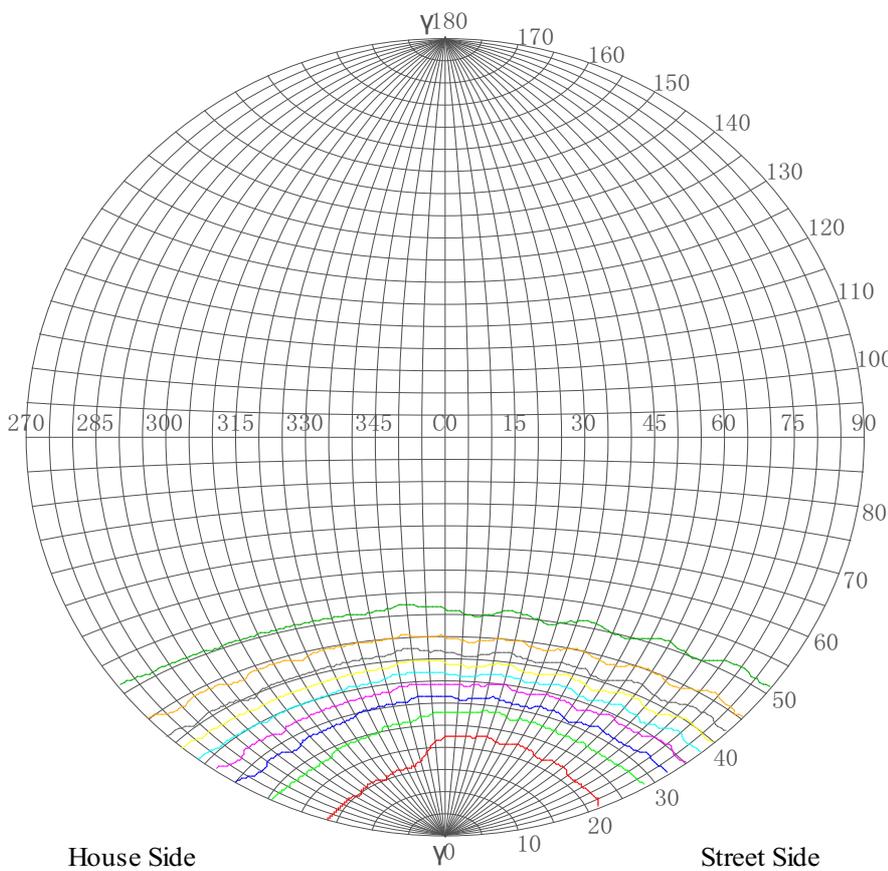


### Illumination Cone Curve



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

Lamp Description		
Lamp Name: TST-UFO100W-pcco	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 100 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:



### Road Lamp Type

- CIE: 截光型
- CIE: 短投射-窄扩展
- IES: 截光型
- IES: V类-极短投射
- Max. At80: 8.93cd/klm
- Max. At90: 3.5215cd/klm

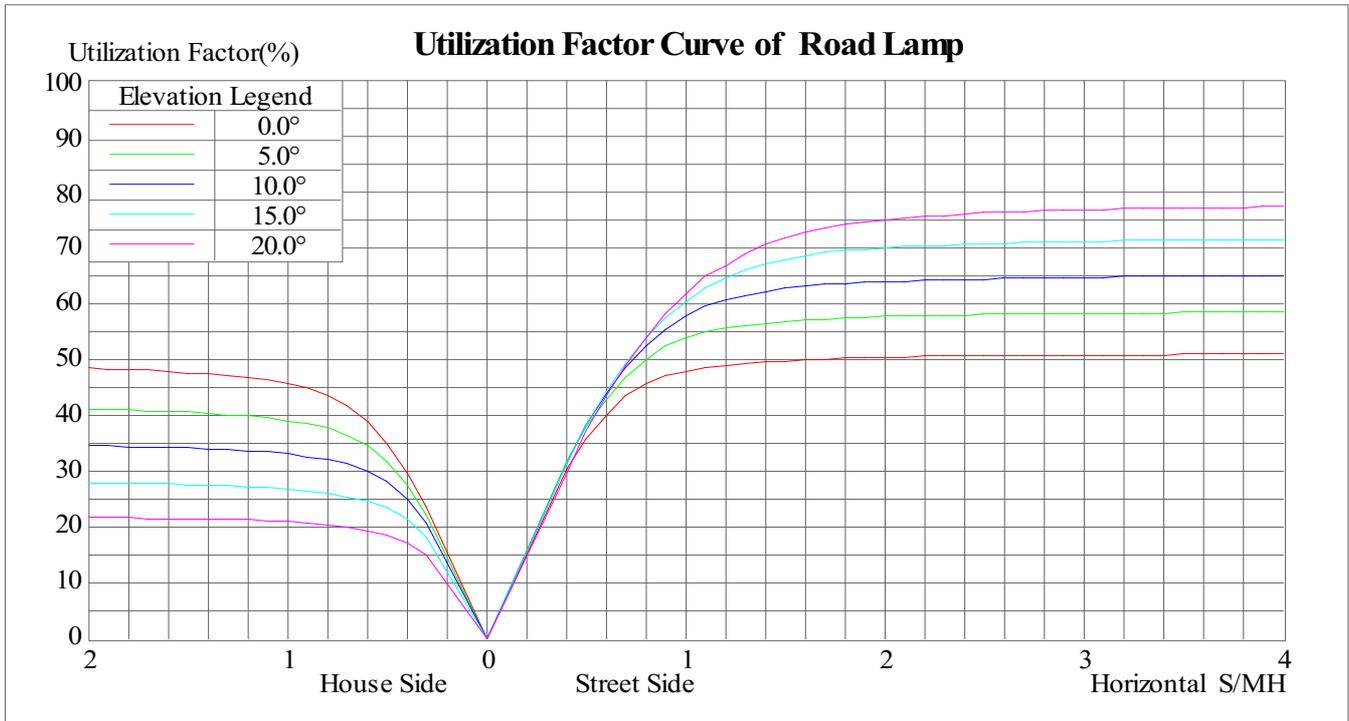
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	10278
— 90%	9250
— 80%	8223
— 70%	7195
— 60%	6167
— 50%	5139
— 40%	4112
— 30%	3084
— 20%	2056
— 10%	1028

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 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.5 m  
 Note: notes

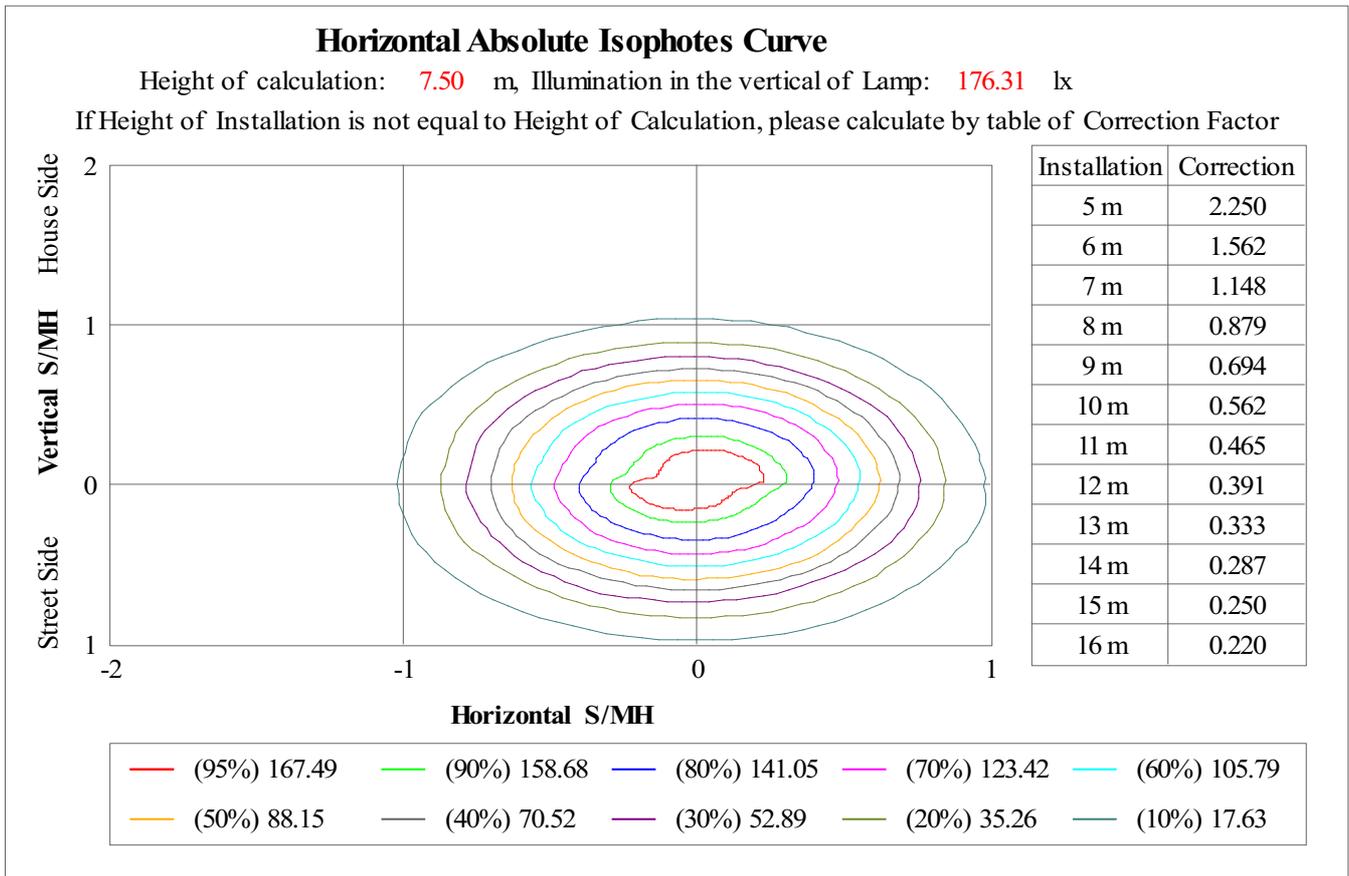
γ Range: 0度-90度  
 γ Interval: 0.9度  
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 Test Time: 19-52-27

Temperature: 30°C  
 Humidity: 60%  
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 Tester: 01

## Lamp Utilization Factor Curve



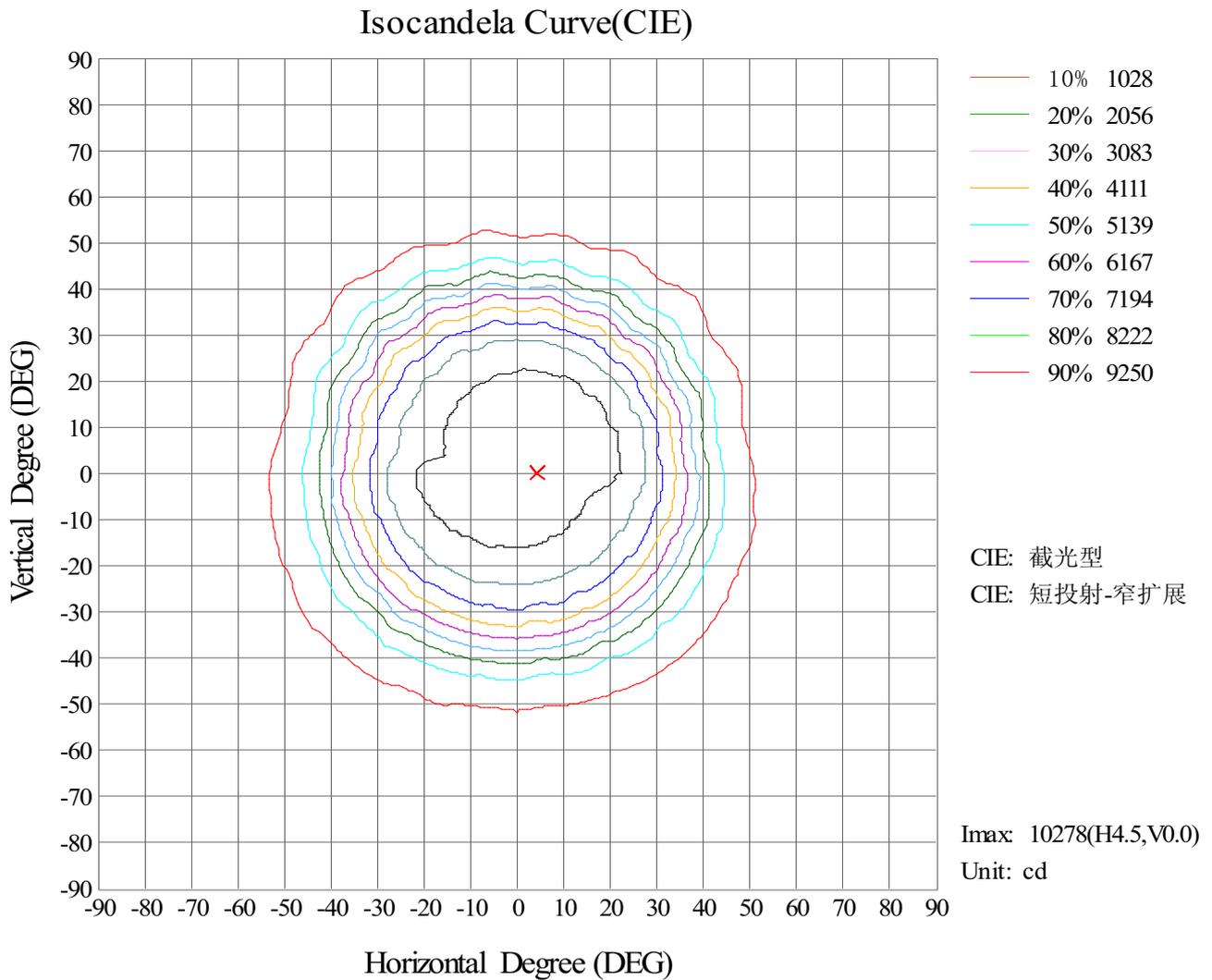
## Horizontal Isophotes Curve





## Isocandela Curve of Lamp

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Lamp Type:	Rated Voltage: 220 V	Rated Power: 100 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:



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 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.5 m  
 Note: notes

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 γ Interval: 0.9度  
 Test Date: 2019-11-01  
 Test Time: 19-52-27

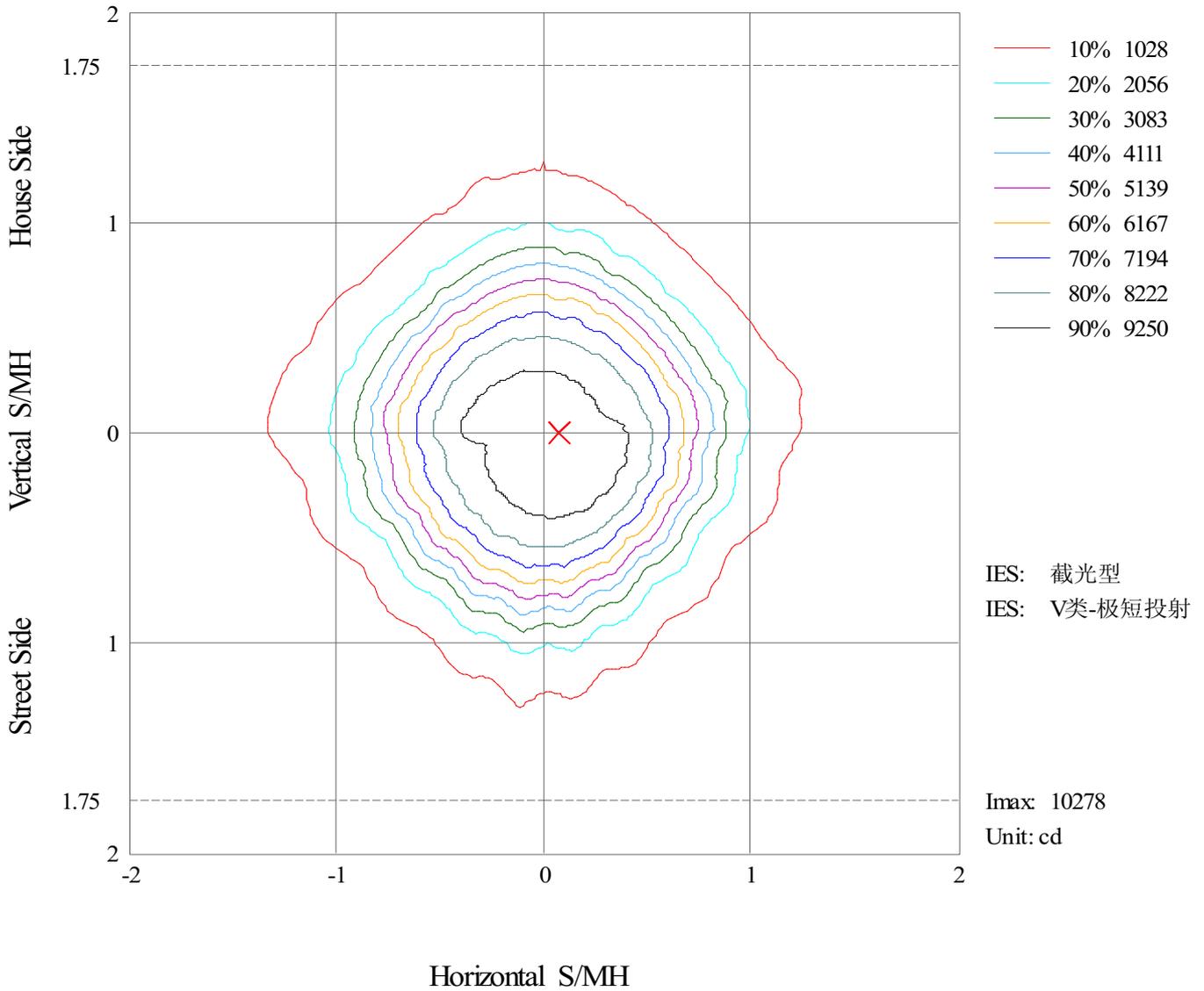
Temperature: 30°C  
 Humidity: 60%  
 Test No.: 01  
 Tester: 01



## Isocandela Curve of Lamp

Lamp Description		
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Lamp Type:	Rated Voltage: 220 V	Rated Power: 100 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Isocandela Curve(IES)



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 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.5 m  
 Note: notes

γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2019-11-01  
 Test Time: 19-52-27

Temperature: 30℃  
 Humidity: 60%  
 Test No.: 01  
 Tester: 01



