



TRUST LED Flood Light 100W

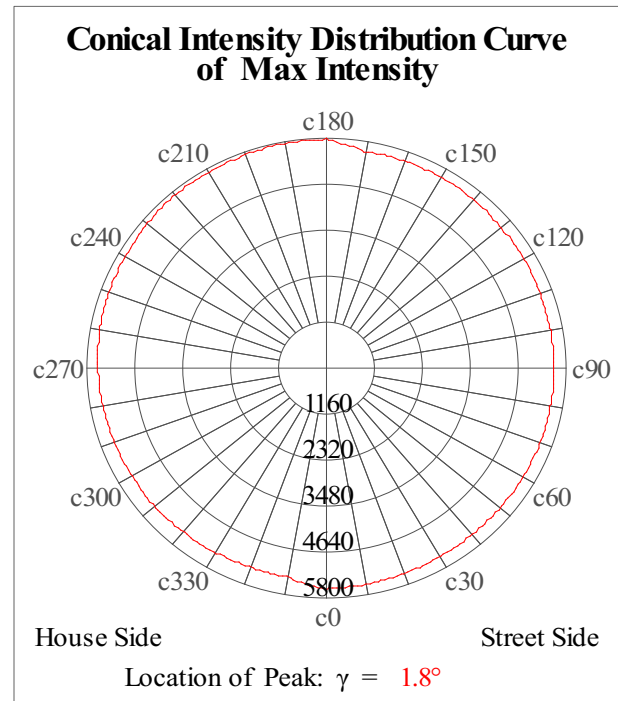
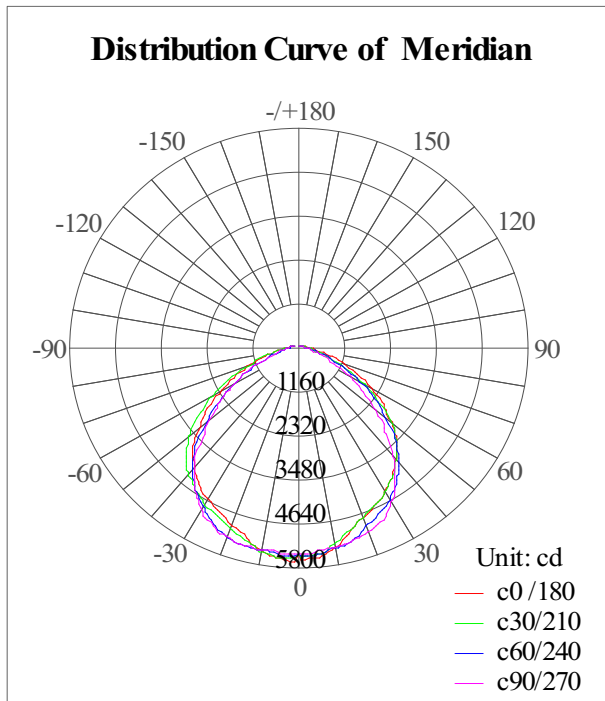
Model No: TST-TGS010-100W



Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-TGS009-100W	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 V	Current: 0.453 A	Power: 100.2 W	Power Factor: 0.961
Total Flux	13528.60 lm	Central Intensity	5603.99 cd
Lamp Efficiency	0.00%	Light Efficiency	135.02 lm/W
Peak Intensity	5771.28 cd	Location of Peak(c, γ)	(180.0°, 1.8°)
Half-Intensity Angle	104.4°	BeamAngle	146.7°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	6605.26 lm
Upward House Side	0	Downward House Side	6923.59 lm
Flash Area(76°)	0 cm ²	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: 15-50-03

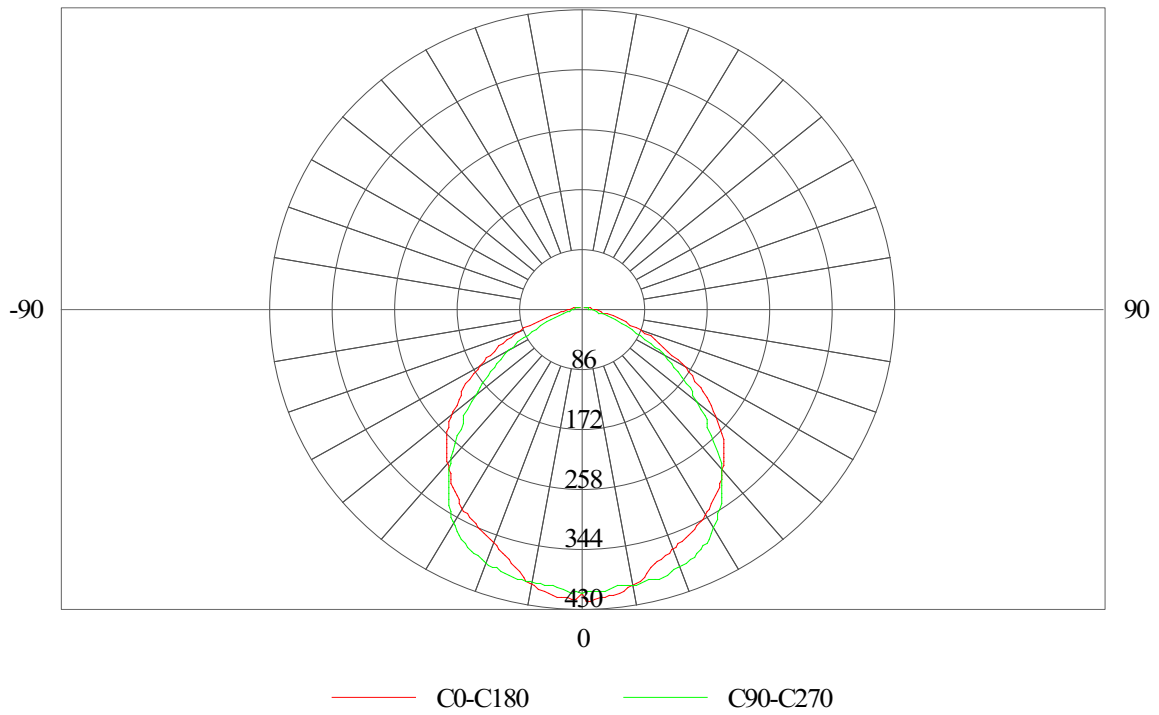
Temperature: 30°C

Humidity: 60%

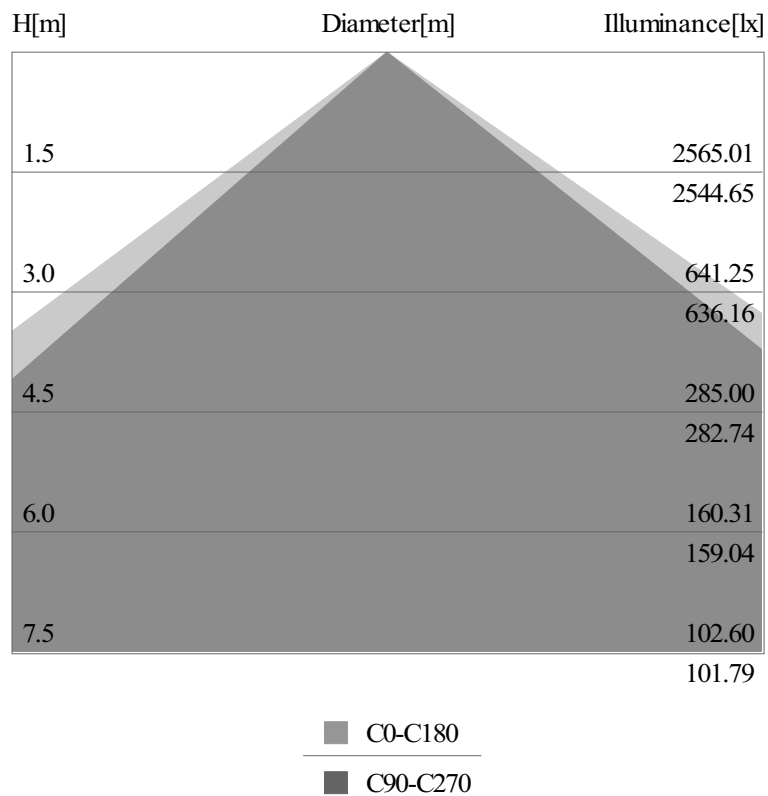
Test No.: 01

Tester: 01

cd/1000 lm Curve

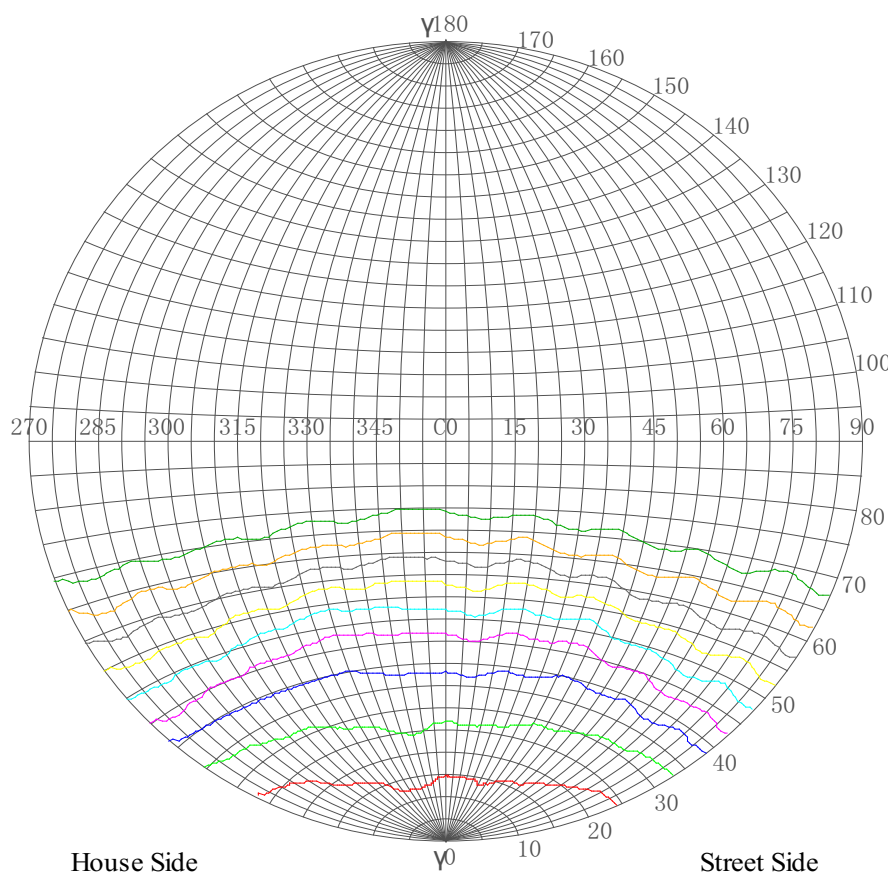


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: TST-TGS009-100W	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: II类-极短投射
 Max. At80: 13.95cd/klm
 Max. At90: 5.4233cd/klm

Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	5772
— 90%	5195
— 80%	4618
— 70%	4040
— 60%	3463
— 50%	2886
— 40%	2309
— 30%	1732
— 20%	1155
— 10%	578

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: 15-50-03

Temperature: 30°C

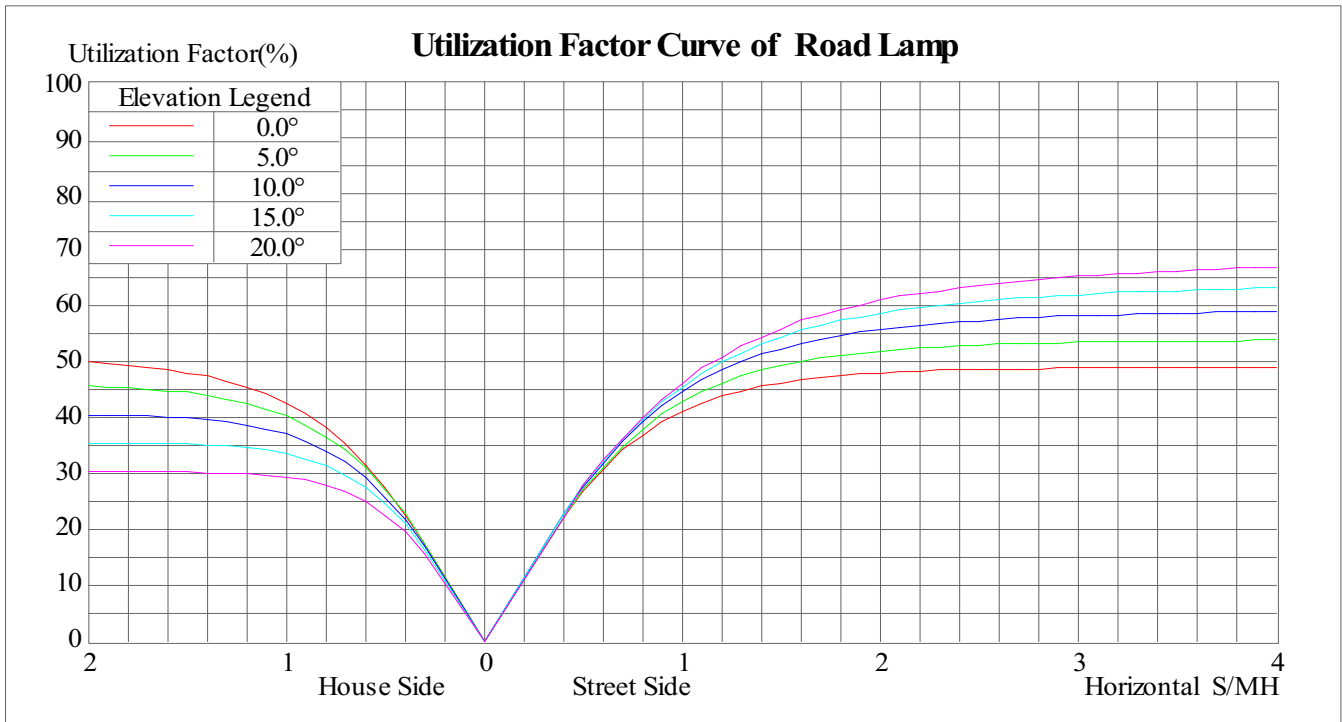
Humidity: 60%

Test No.: 01

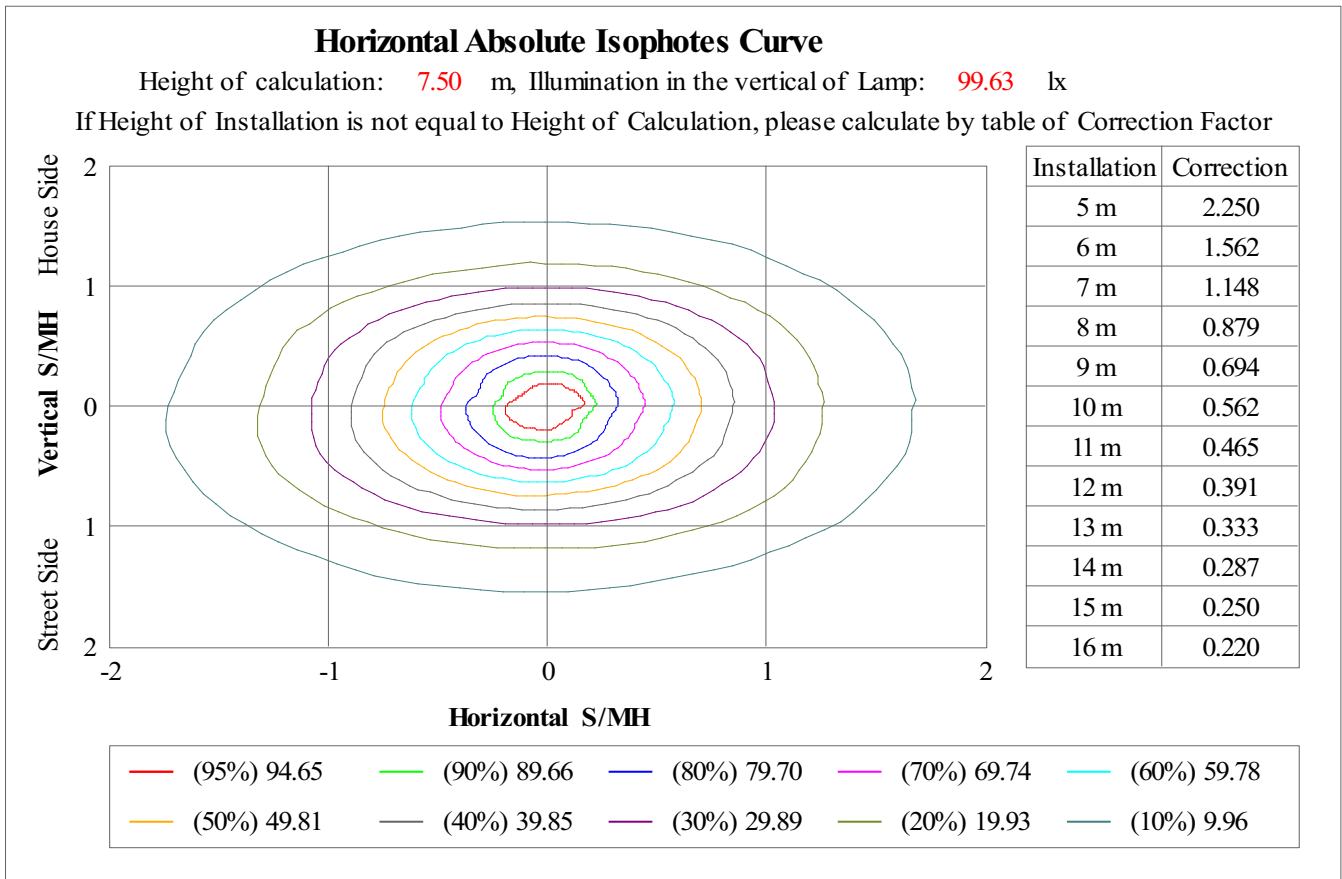
Tester: 01



Lamp Utilization Factor Curve



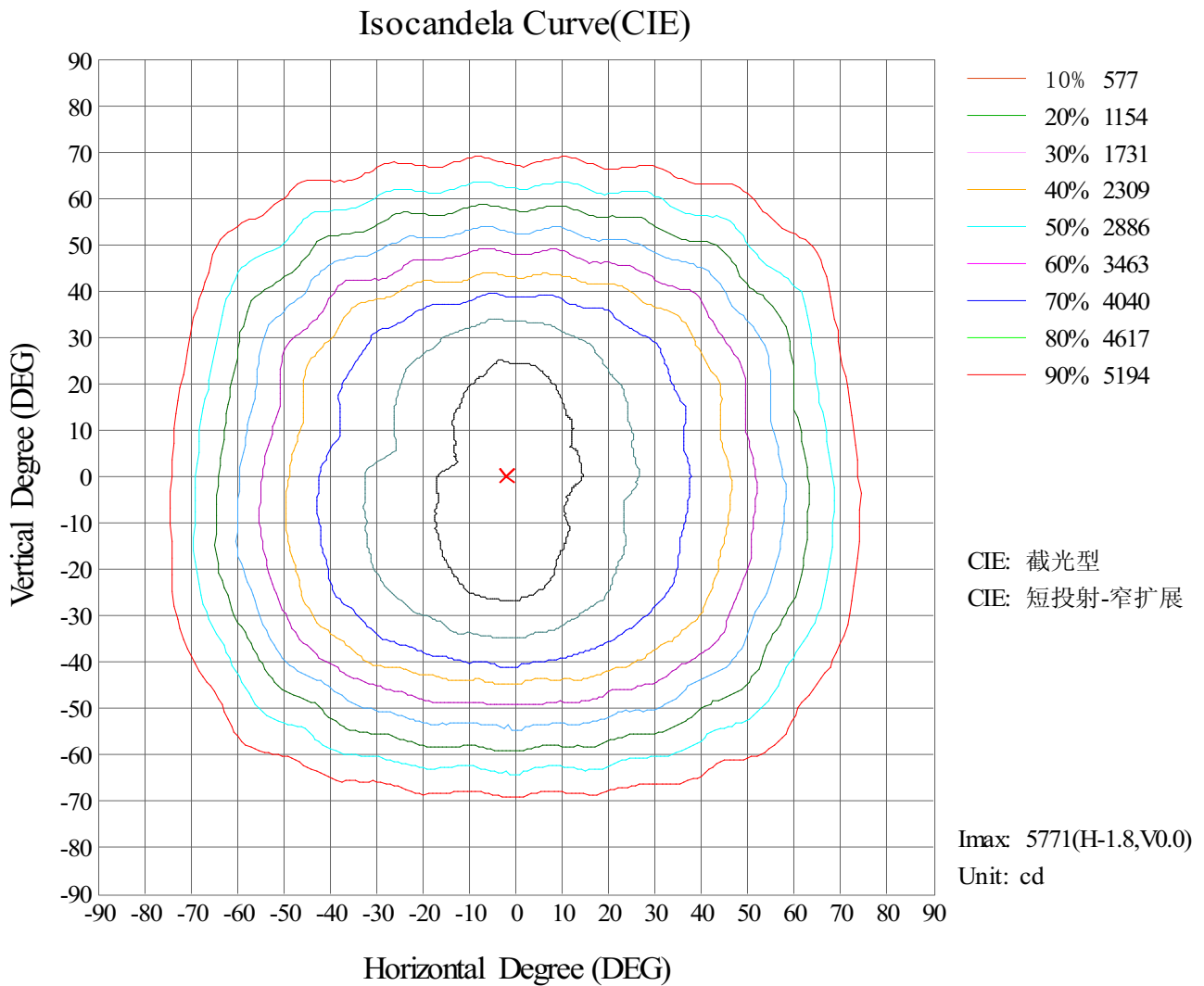
Horizontal Isophotes Curve





Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-TGS009-100W	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:



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

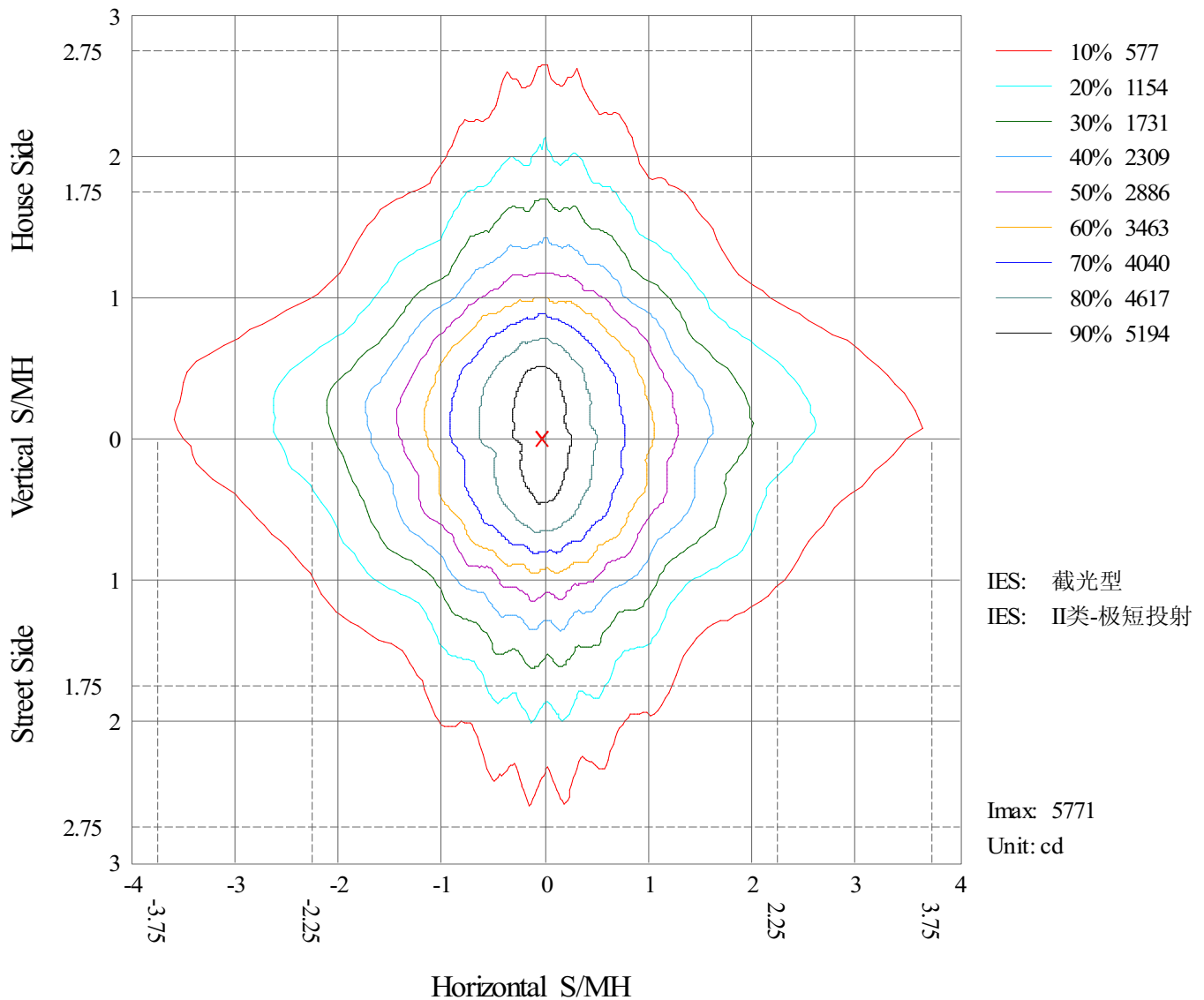
γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-11-01
 Test Time: 15-50-03

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

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-TGS009-100W	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:

Isocandela Curve(IES)



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: 15-50-03

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

