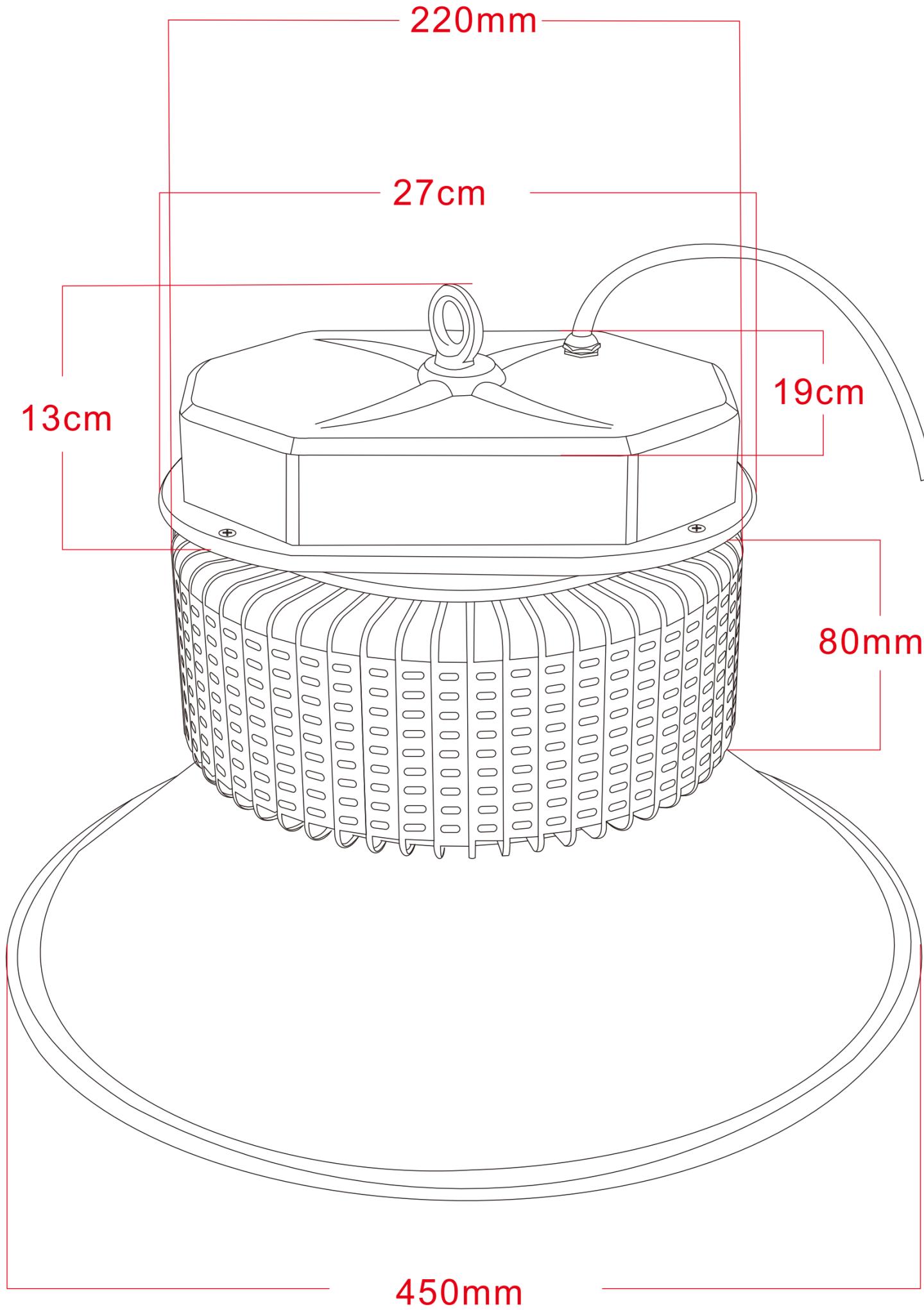


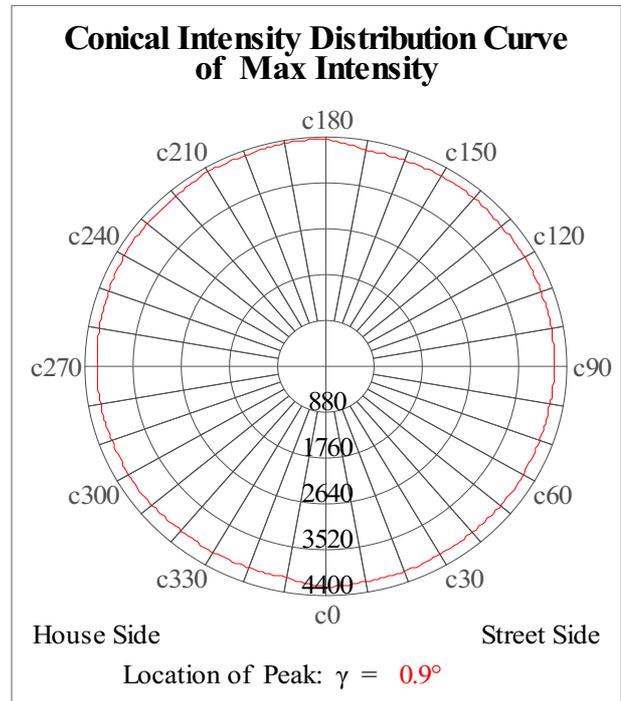
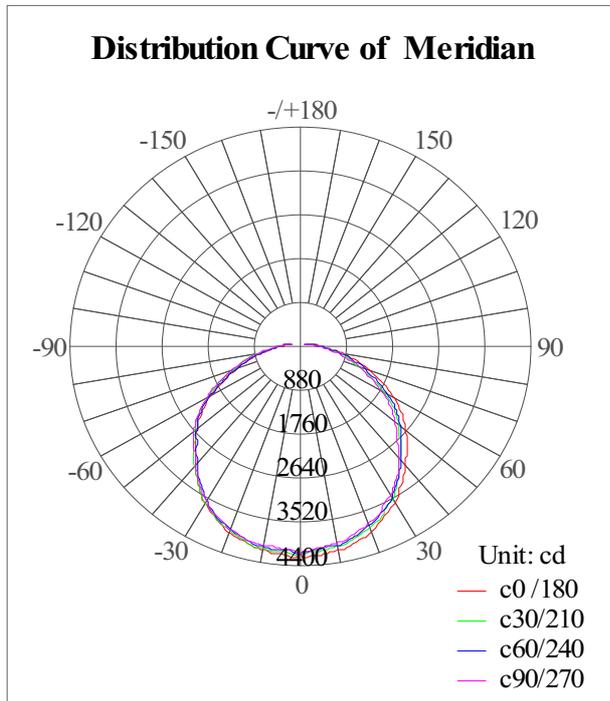
# TRUST LED High Bay 100W



## Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-GKS002-100W	Lamp Size: 450*450*350 mm	Lamp Weight: 2.7Kg
Lamp Type: High Bay	Voltage Range: 85:265V	Rated Power: 100 W
Light Type: LED	Light Source Qty: 120Pcs	Rated Flux: 13000.00lm
Light Source: PHILIPS 2D 3030SMD	Light Source Power:1W/Chip	Light Area: 45-50m <sup>2</sup>

Measured Data of Lamp			
Voltage: 219.8v	Current: 0.443 A	Power: 101.2W	Power Factor: 0.982
Total Flux	13621.52lm	Central Intensity	4219.59 cd
Lamp Efficiency	97.3%	Light Efficiency	134.6lm/w
Peak Intensity	4310.63 cd	Location of Peak(c, $\gamma$ )	(180.0°, 0.9°)
Half-Intensity Angle	113.4°	BeamAngle	160.2°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	6674.54lm
Upward House Side	0	Downward House Side	6946.98lm
Flash Area(76°)	0 cm <sup>2</sup>	Discomfort Glare(SLI)	0

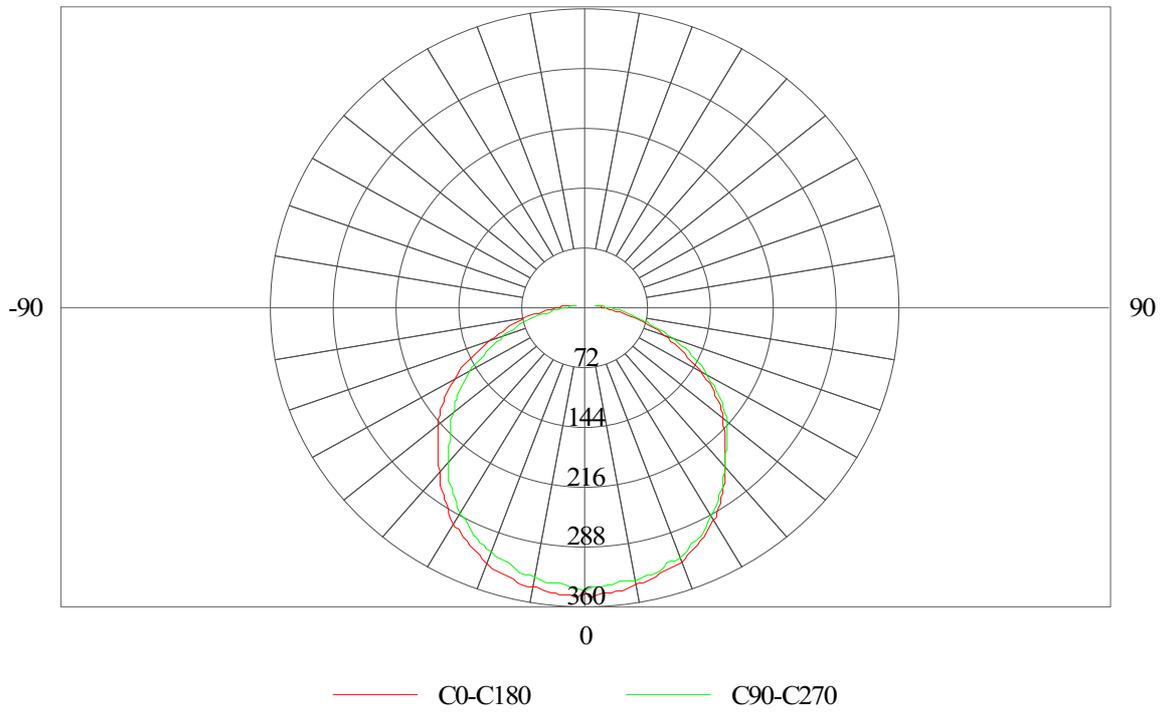


c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.0 m  
 Note: notes

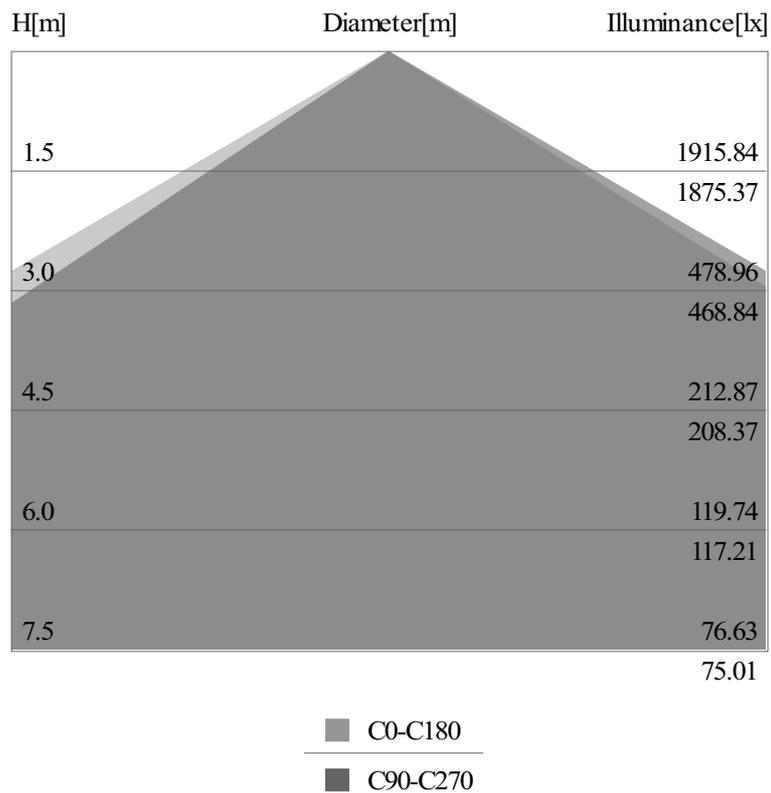
$\gamma$  Range: 0度-90度  
 $\gamma$  Interval: 0.9度  
 Test Date: 2018-07-12  
 Test Time: 14-20-21

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

### cd/1000 lm Curve

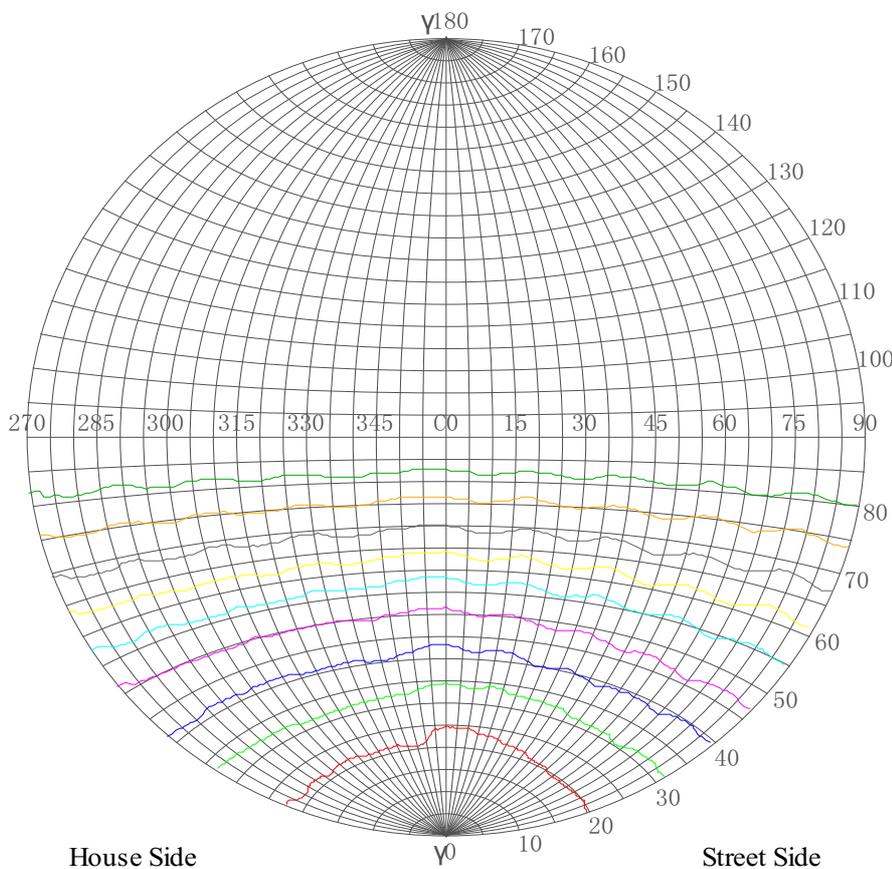


### Illumination Cone Curve



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

Lamp Description		
Lamp Name: TST-GKS002-100W	Lamp Size: 450*450*350 mm	Lamp Weight: 2.7Kg
Lamp Type: High Bay	Voltage Range: 85:265V	Rated Power: 100 W
Light Type: LED	Light Source Qty: 120Pcs	Rated Flux: 13000.00lm
Light Source: PHILIPS 2D 3030SMD	Light Source Power: 1W/Chip	Light Area: 45-50m <sup>2</sup>



### Road Lamp Type

CIE: 半截光型  
 CIE: 短投射-窄扩展  
 IES: 截光型  
 IES: II类-极短投射  
 Max. At80: 48.16cd/klm  
 Max. At90: 17.0965cd/klm

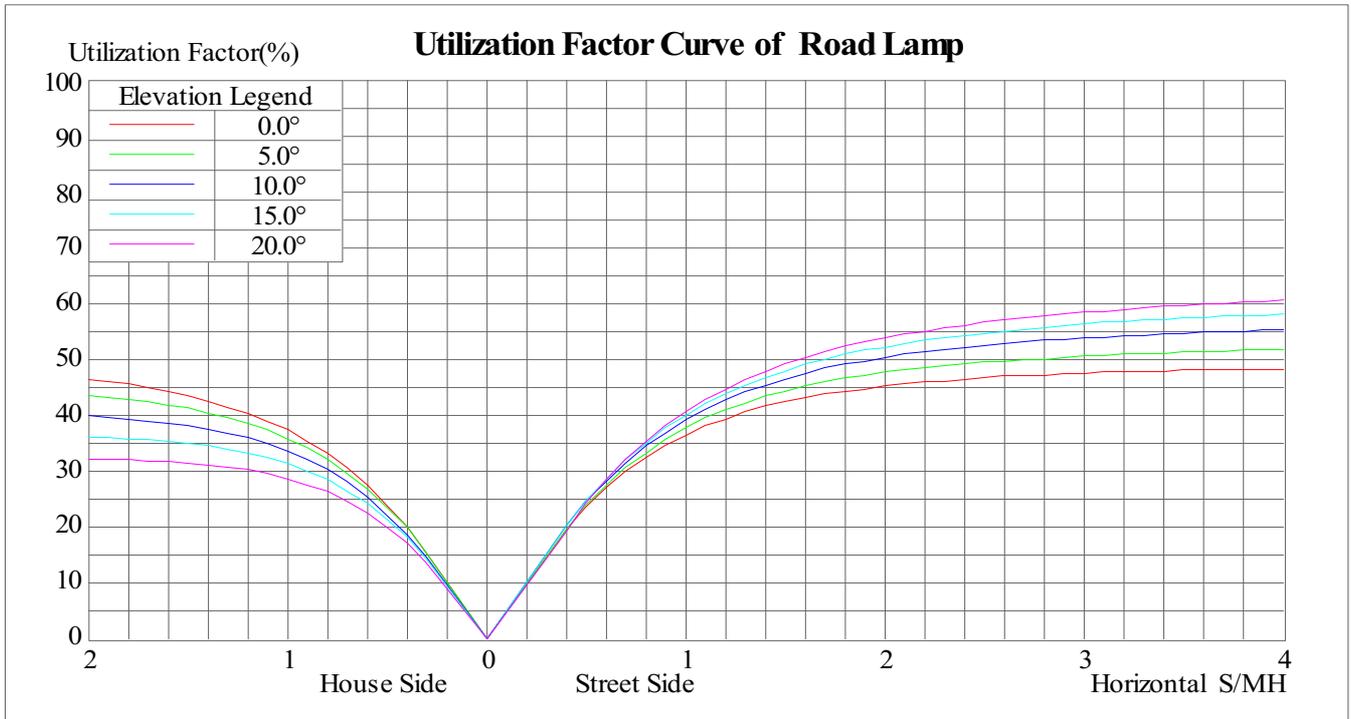
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	4311
— 90%	3880
— 80%	3449
— 70%	3018
— 60%	2587
— 50%	2156
— 40%	1725
— 30%	1294
— 20%	863
— 10%	432

c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.0 m  
 Note: notes

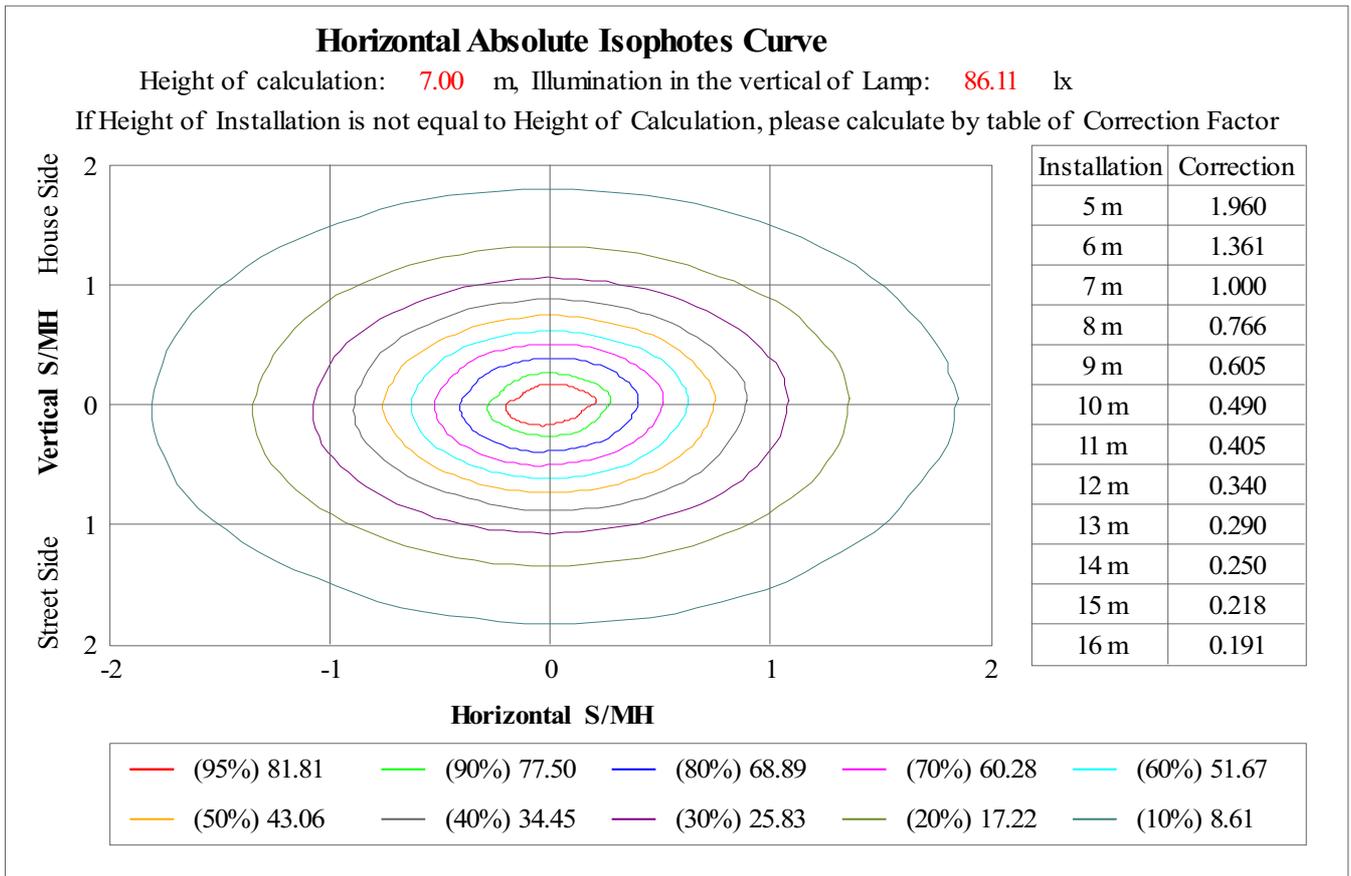
γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2018-07-12  
 Test Time: 14-20-21

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

## Lamp Utilization Factor Curve

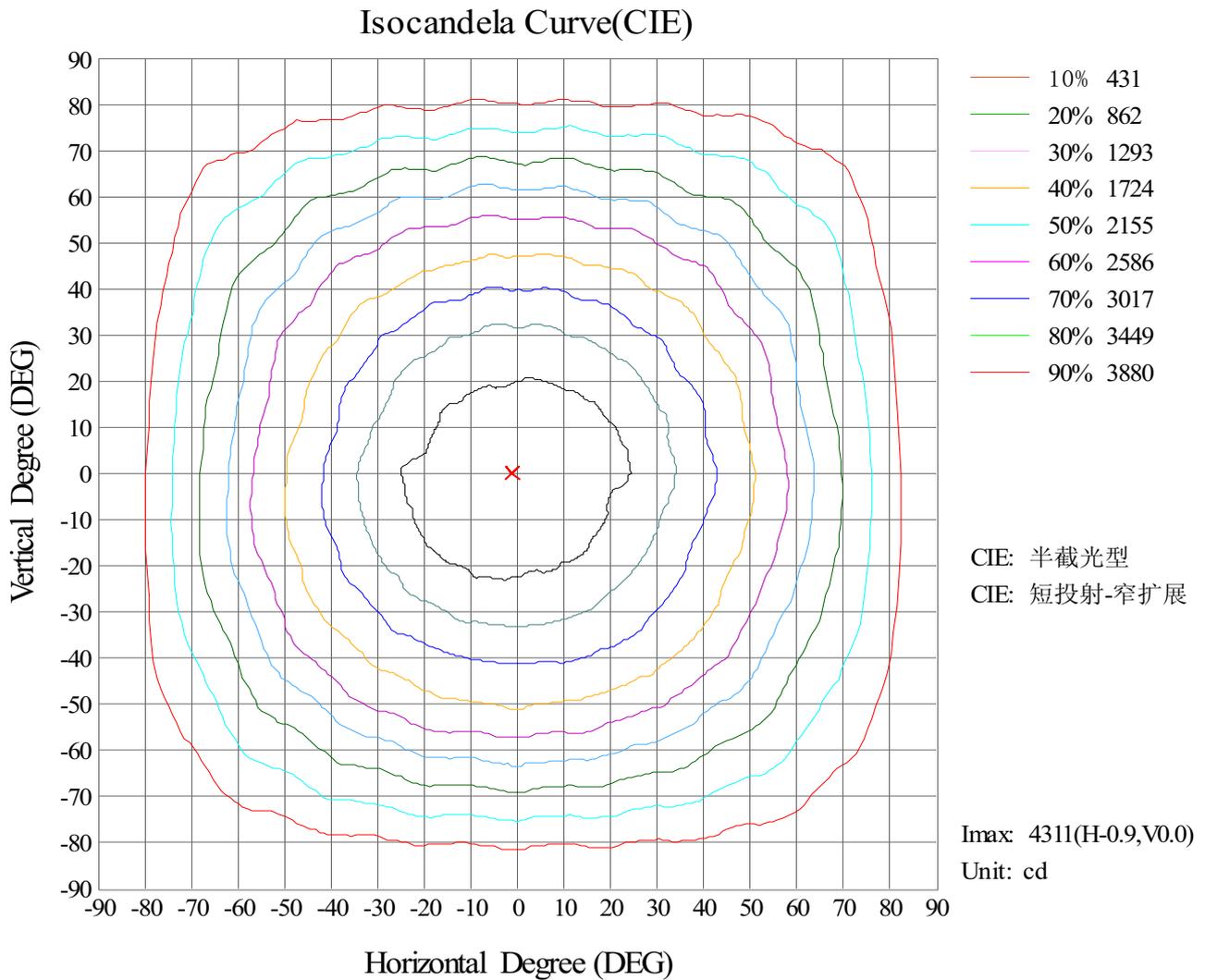


## Horizontal Isophotes Curve



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-GKS002-100W	Lamp Size: 450*450*350 mm	Lamp Weight: 2.7Kg
Lamp Type: High Bay	Voltage Range: 85:265V	Rated Power: 100 W
Light Type: LED	Light Source Qty: 120Pcs	Rated Flux: 13000.00lm
Light Source: PHILIPS 2D 3030SMD	Light Source Power: 1W/Chip	Light Area: 45-50m <sup>2</sup>



c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.0 m  
 Note: notes

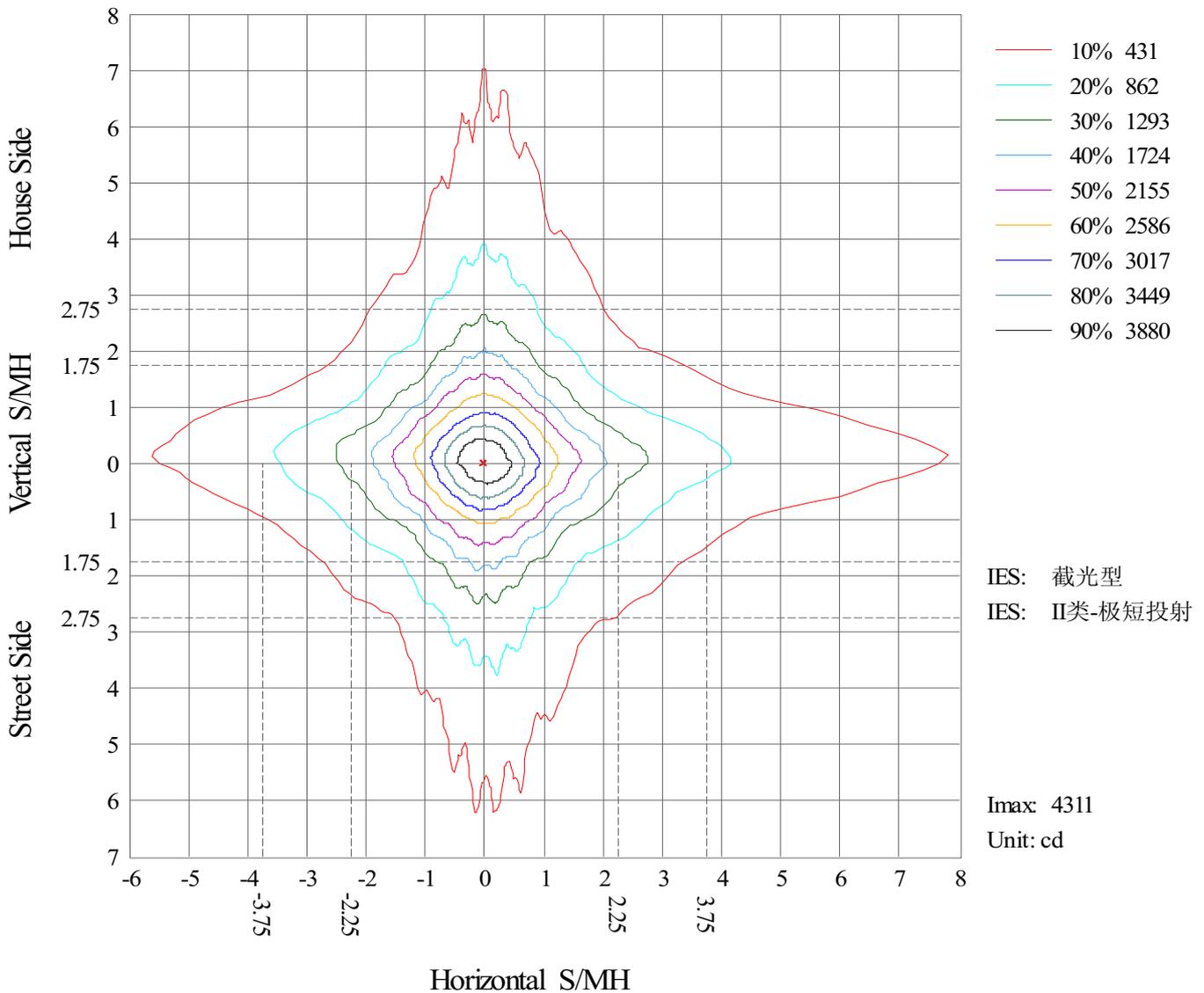
γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2018-07-12  
 Test Time: 14-20-21

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

## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-GKS002-100W	Lamp Size: 450*450*350 mm	Lamp Weight: 2.7Kg
Lamp Type: High Bay	Voltage Range: 85:265V	Rated Power: 100 W
Light Type: LED	Light Source Qty: 120Pcs	Rated Flux: 13000.00lm
Light Source: PHILIPS 2D 3030SMD	Light Source Power:1W/Chip	Light Area: 45-50m <sup>2</sup>

Isocandela Curve(IES)



c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 7.0 m  
 Note: notes

$\gamma$  Range: 0度-90度  
 $\gamma$  Interval: 0.9度  
 Test Date: 2018-07-12  
 Test Time: 14-20-21

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



