



# TRUST LED UFO 200W

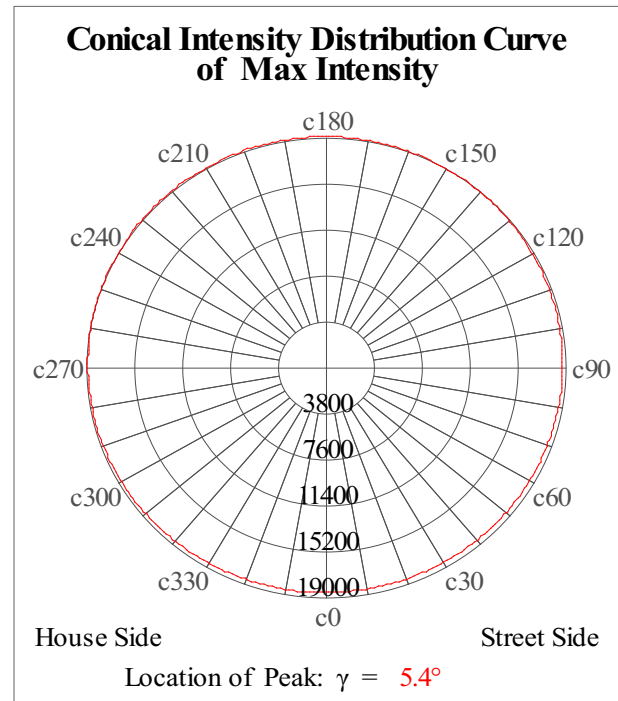
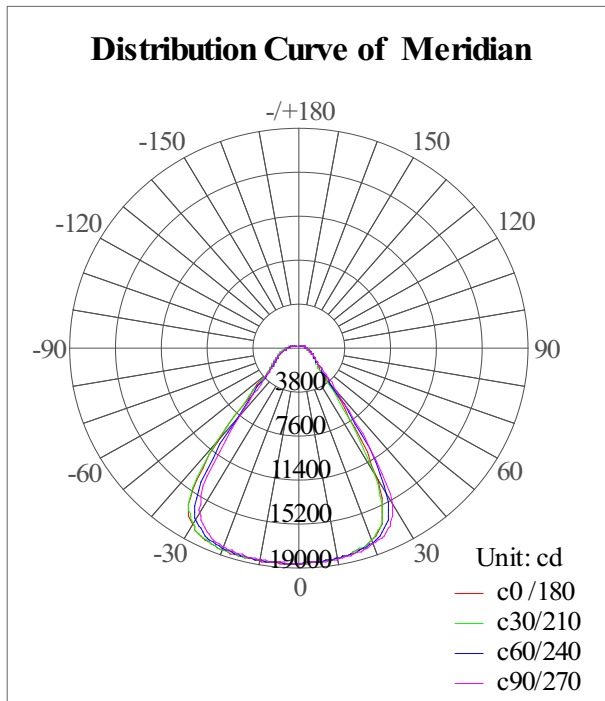
Model No: TST-UFO200W



## Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-UFO200W-PC c0	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 200 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 223.1 V	Current: 0.922 A	Power: 200.6 W	Power Factor: 0.975
Total Flux	28195.00 lm	Central Intensity	18880.33 cd
Lamp Efficiency	0.00%	Light Efficiency	140.55 lm/W
Peak Intensity	18926.08 cd	Location of Peak(c, $\gamma$ )	(180.0°, 5.4°)
Half-Intensity Angle	71.1°	BeamAngle	108.9°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	13657.47 lm
Upward House Side	0	Downward House Side	14539.23 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: 8.5 m

Note: notes

 $\gamma$  Range: 0度-90度

 $\gamma$  Interval: 0.9度

Test Date: 2019-11-02

Test Time: 14-25-46

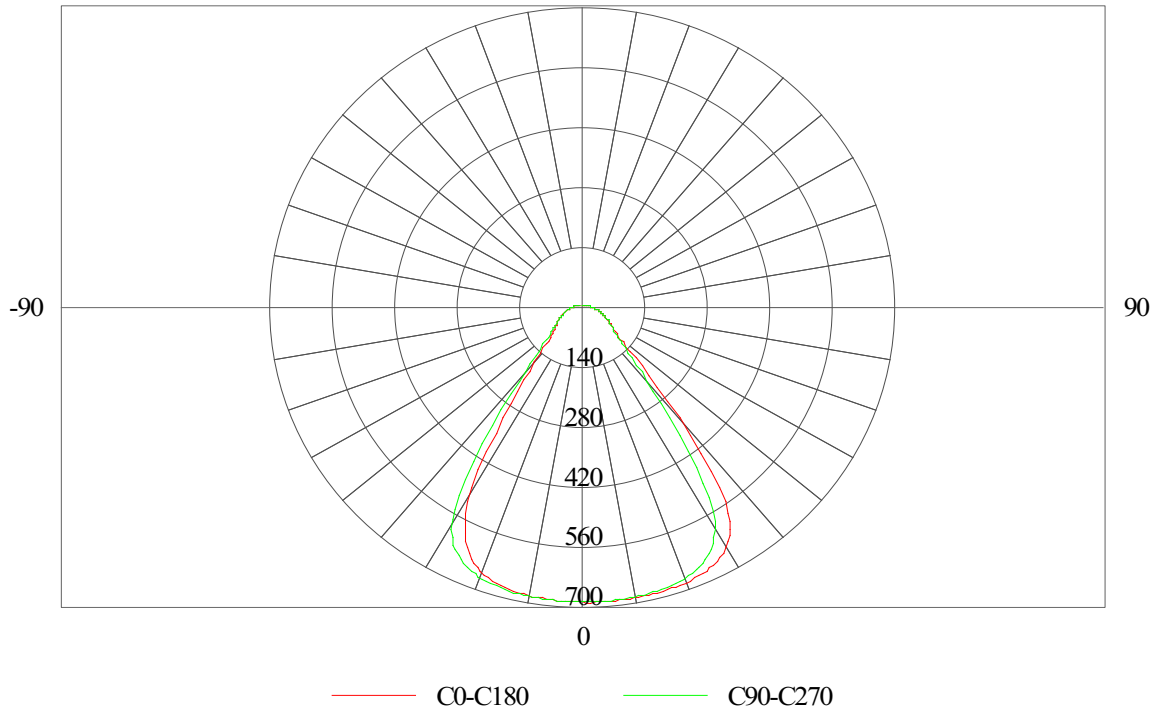
Temperature: 30°C

Humidity: 60%

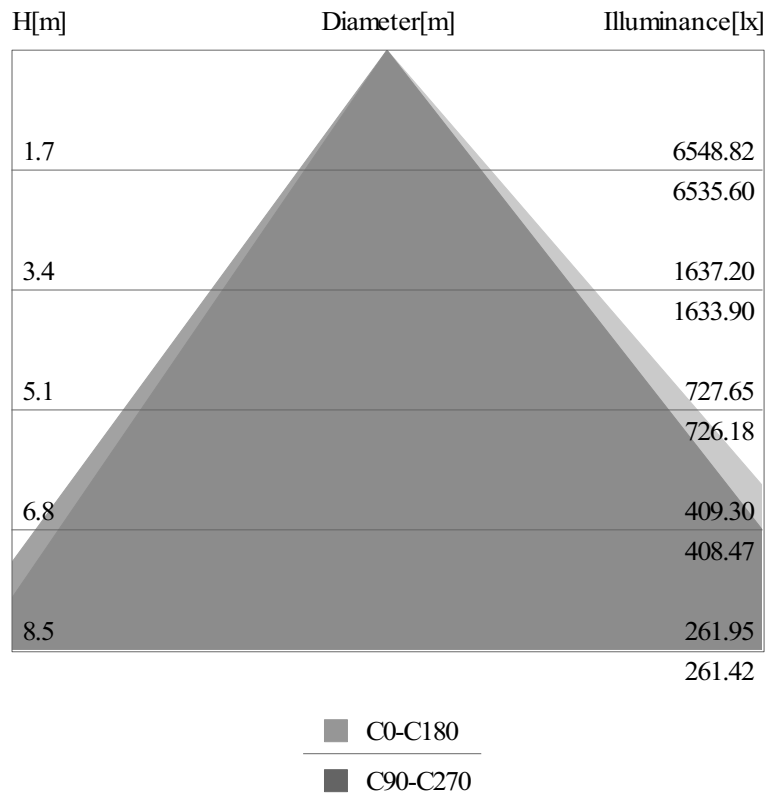
Test No.: 01

Tester: 01

### cd/1000 lm Curve

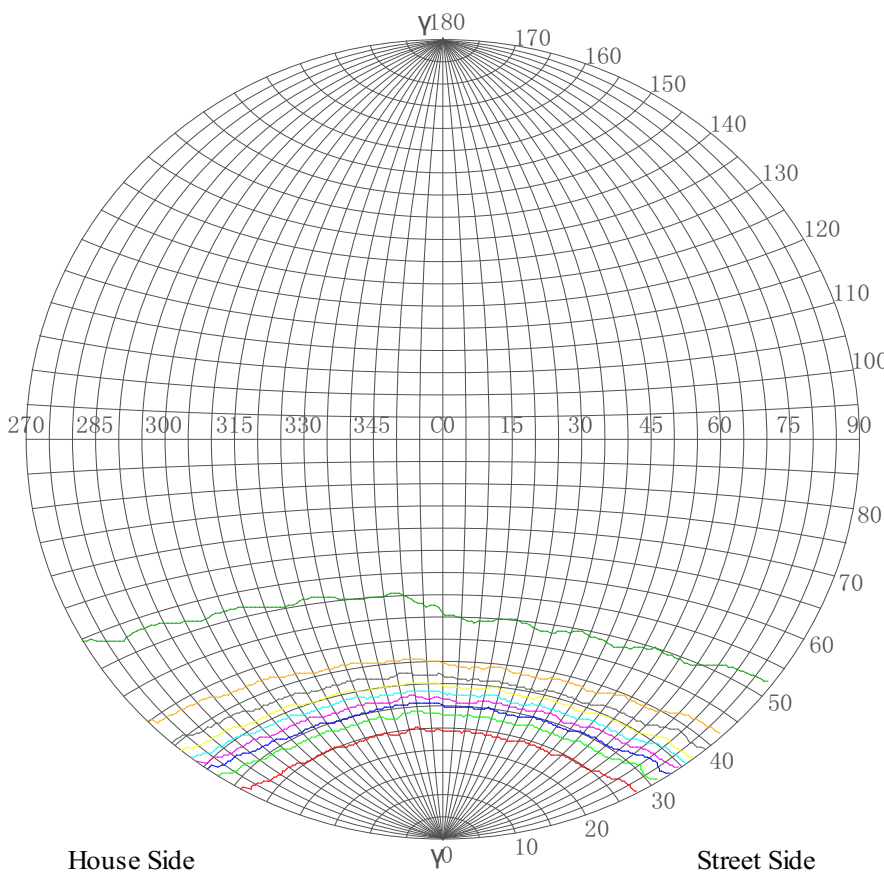


### Illumination Cone Curve



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

Lamp Description		
Lamp Name: TST-UFO200W-PC c	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 200 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: 20.12cd/klm  
 Max. At90: 4.7037cd/klm

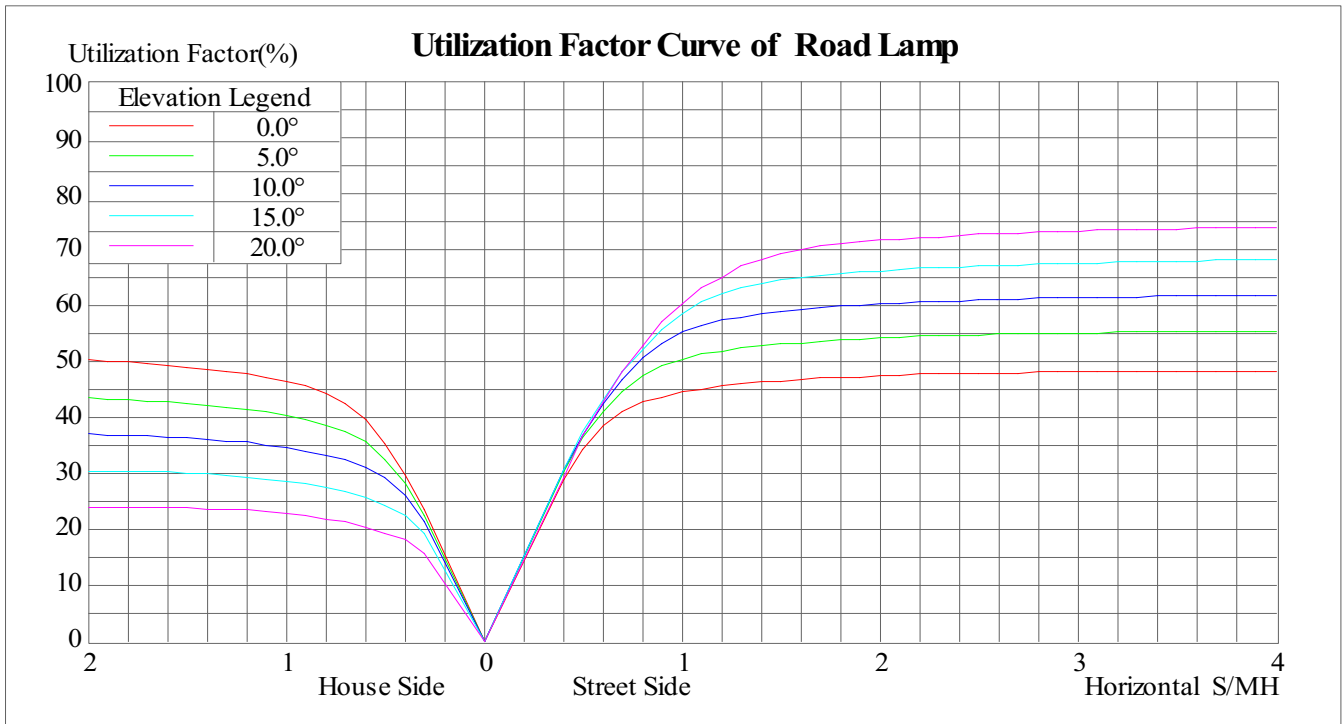
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	18927
— 90%	17034
— 80%	15141
— 70%	13249
— 60%	11356
— 50%	9464
— 40%	7571
— 30%	5678
— 20%	3786
— 10%	1893

c Range: 0度-360度  
 c Interval: 10度  
 Test Speed: 快速  
 Test Distance: 8.5 m  
 Note: notes

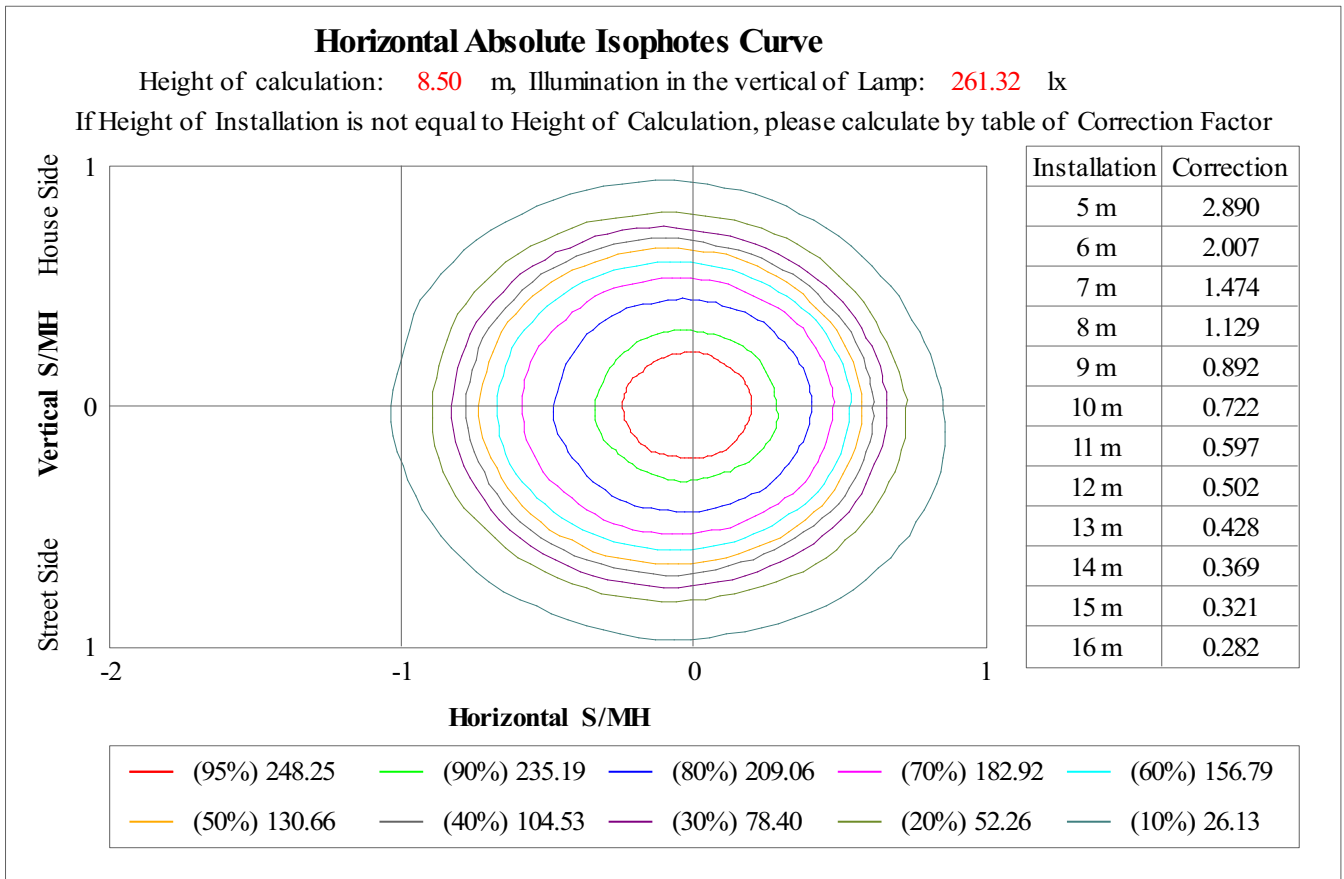
γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2019-11-02  
 Test Time: 14-25-46

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

## Lamp Utilization Factor Curve

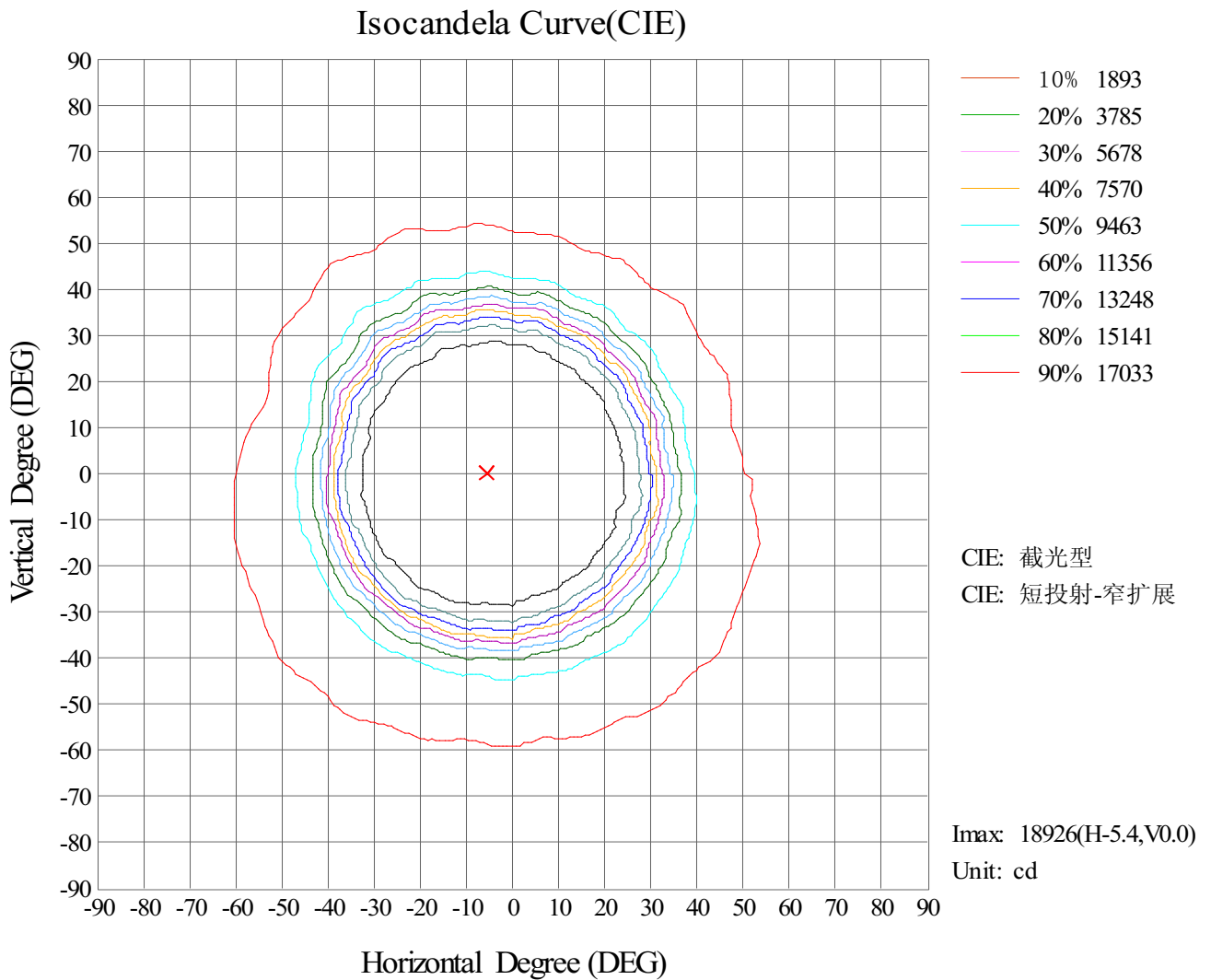


## Horizontal Isophotes Curve



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-UFO200W-PC c	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 200 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: 8.5 m  
 Note: notes

γ Range: 0度-90度  
 γ Interval: 0.9度  
 Test Date: 2019-11-02  
 Test Time: 14-25-46

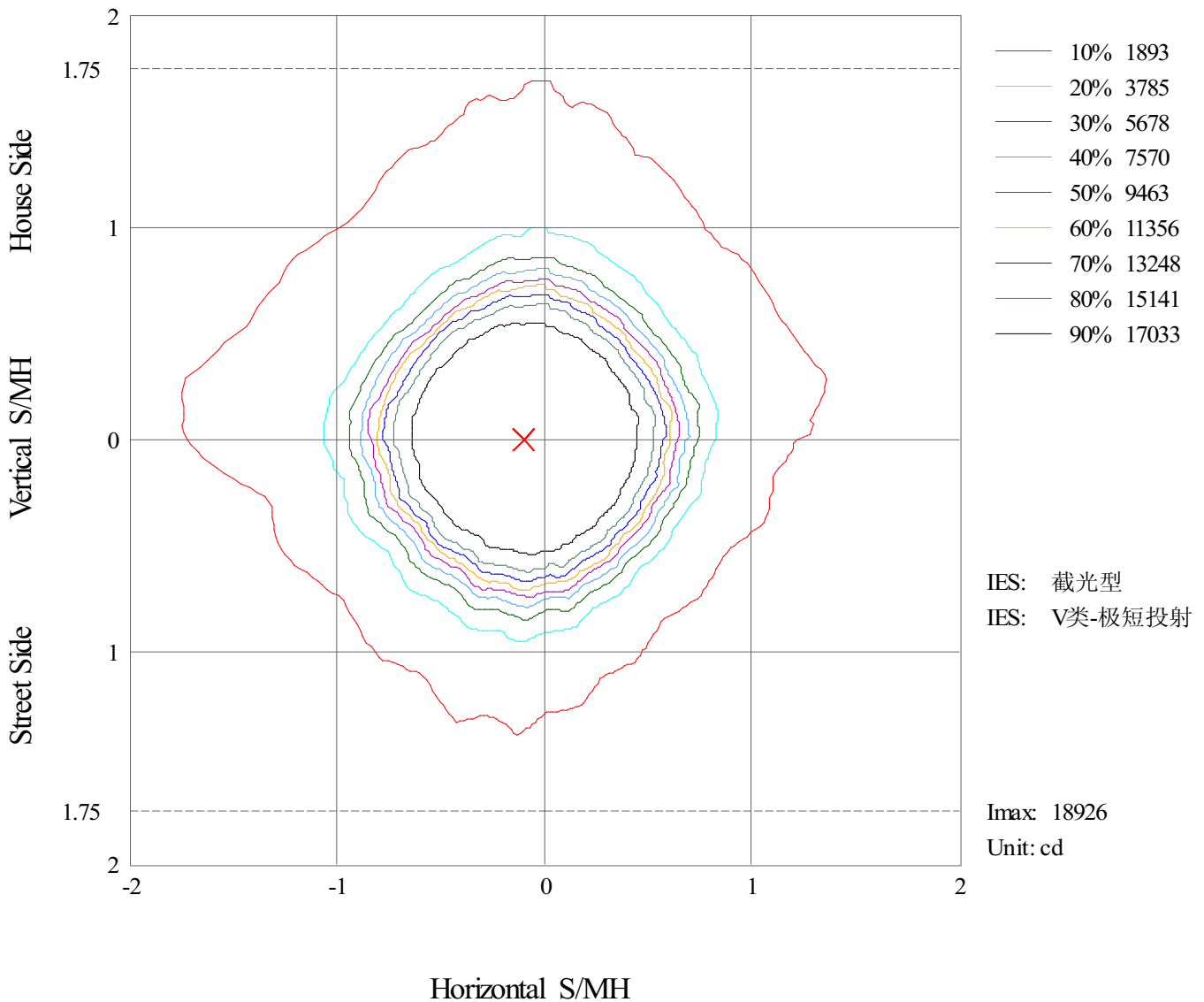
Temperature: 30°C  
 Humidity: 60%  
 Test No.: 01  
 Tester: 01



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-UFO200W-PC c	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 200 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: 8.5 m  
 Note: notes

$\gamma$  Range: 0度-90度  
 $\gamma$  Interval: 0.9度  
 Test Date: 2019-11-02  
 Test Time: 14-25-46

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

## Lamp Ring with Flux

Lamp Description		
Lamp Name: TST-UFO200W-PC c	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 200 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

$\gamma$	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	18866	18865	18898	18872	0.0-3.6	234.0	234.0	0.83
7.2	18793	18829	18911	18871	3.6-7.2	700.6	934.6	3.31
10.8	18698	18770	18897	18814	7.2-10.8	1162	2097	7.44
14.4	18518	18675	18867	18750	10.8-14.4	1614	3711	13.16
18.0	18250	18485	18811	18597	14.4-18.0	2050	5762	20.43
21.6	17673	18202	18685	18340	18.0-21.6	3131	8892	31.54
25.2	16588	17546	18443	17836	21.6-25.2	2884	11776	41.77
28.8	14319	16334	17951	16799	25.2-28.8	3074	14851	52.67
32.4	9702	13154	16925	14545	28.8-32.4	2948	17799	63.12
36.0	5916	8209	14401	10255	32.4-36.0	2430	20229	71.74
39.6	3615	4805	9361	6292	36.0-39.6	1709	21938	77.80
43.2	2635	3107	5384	4182	39.6-43.2	1154	23091	81.89
46.8	2162	2371	3505	3181	43.2-46.8	861.9	23953	84.95
50.4	1904	1969	2707	2630	46.8-50.4	727.9	24681	87.53
54.0	1707	1695	2294	2307	50.4-54.0	653.5	25335	89.85
57.6	1486	1473	2024	2005	54.0-57.6	593.7	25928	91.96
61.2	1287	1257	1734	1728	57.6-61.2	531.7	26460	93.84
64.8	1060	1050	1483	1472	61.2-64.8	465.2	26925	95.49
68.4	847.6	845.8	1226	1199	64.8-68.4	394.0	27319	96.89
72.0	627.0	647.5	974.6	956.3	68.4-72.0	318.6	27638	98.02
75.6	394.1	455.9	747.6	701.2	72.0-75.6	186.3	27824	98.68
79.2	204.6	273.1	520.0	465.9	75.6-79.2	180.0	28004	99.32
82.8	55.73	97.82	323.8	264.4	79.2-82.8	106.7	28111	99.70
86.4	28.42	32.61	167.4	136.8	82.8-86.4	53.54	28165	99.89
90.0	27.42	29.65	123.6	119.2	86.4-90.0	32.18	28197	100.00
Unit: $^{\circ}$	Intensity Unit: cd				Unit: lm			



