



TRUST LED UFO SLIM 200W

Model No: TST-SLM/UFO-200W





PRODUCT BENEFITS

- SMD LED design for high product reliability
- Reduced windage area thanks to slim design
- Instant on
- Dust and water protection according to IP66

PRODUCT FEATURES

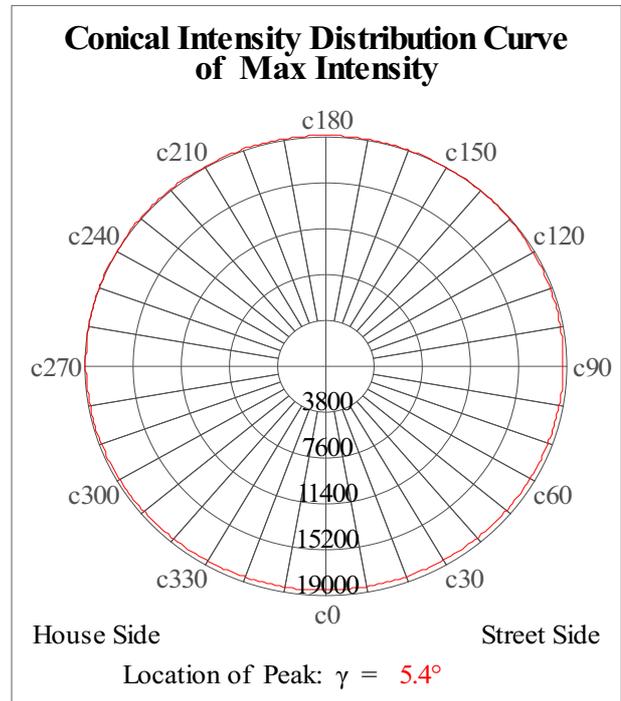
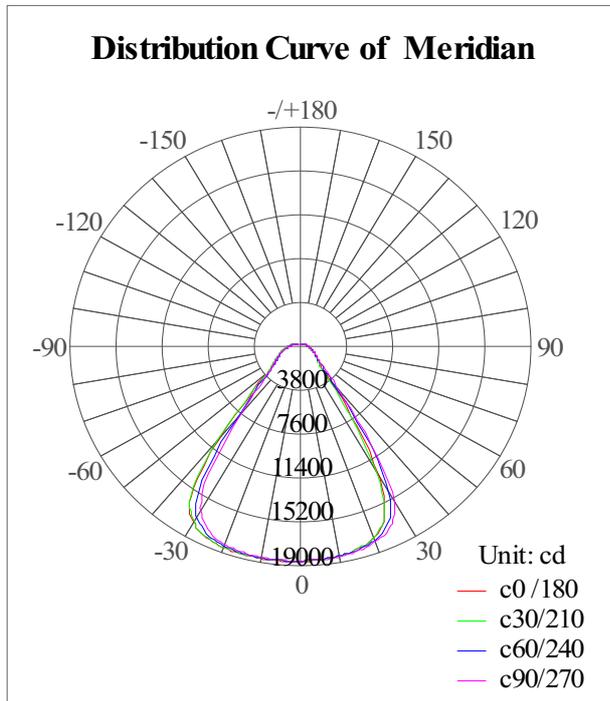
- Color rendering index Ra: > 80
- Luminaire efficacy: up to 150 lm/W
- Heavy duty Die-cast aluminum housing
- Impact resistance: IK06
- Lifetime (L70/B50): up to 50,000 h



Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-SLM/UFO-200W	amp Size:	Lamp Weight:
Lamp Type: UFO - SLM	Rated Voltage: 85:265V	Rated Power: 200 W
Light Type: LED	Light Number: 250Pcs	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,γ)	(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
Material	ALM+ Non Broken PC Lens	Discomfort Glare(SLI)	0

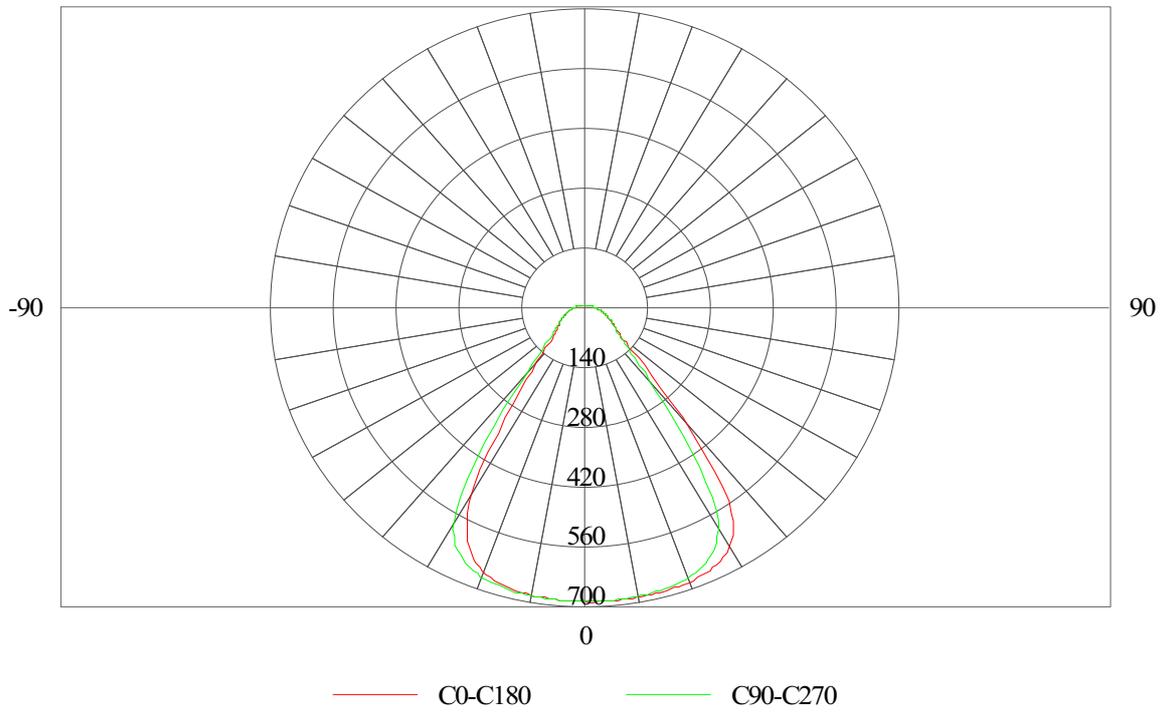


c Range: 0度-360度
 c Interval: 10度
 Test Speed: 快速
 Test Distance: 8.5 m
 Note: notes

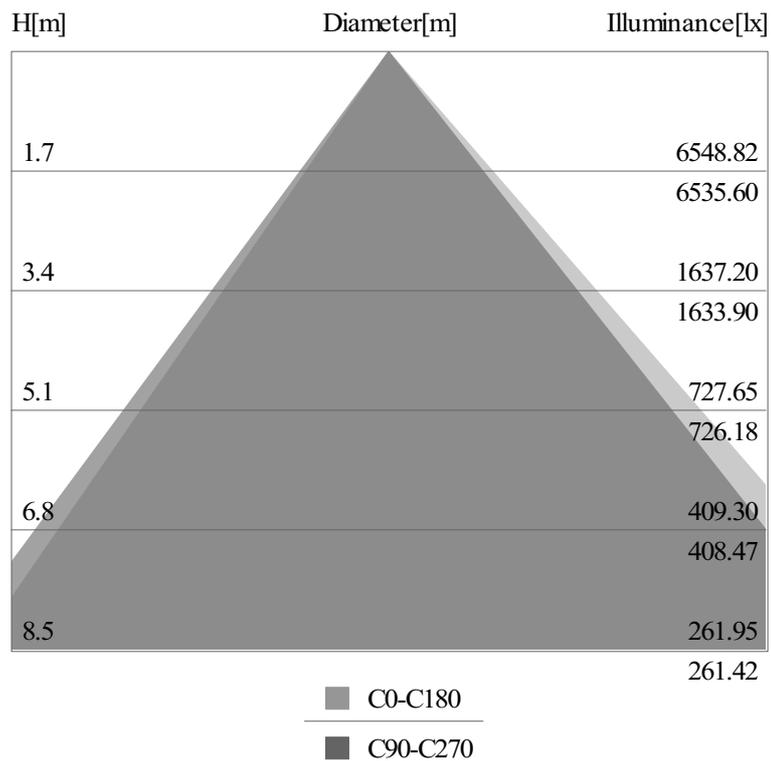
γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-11-02
 Test Time: 14-25-46

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

cd/1000 lm Curve

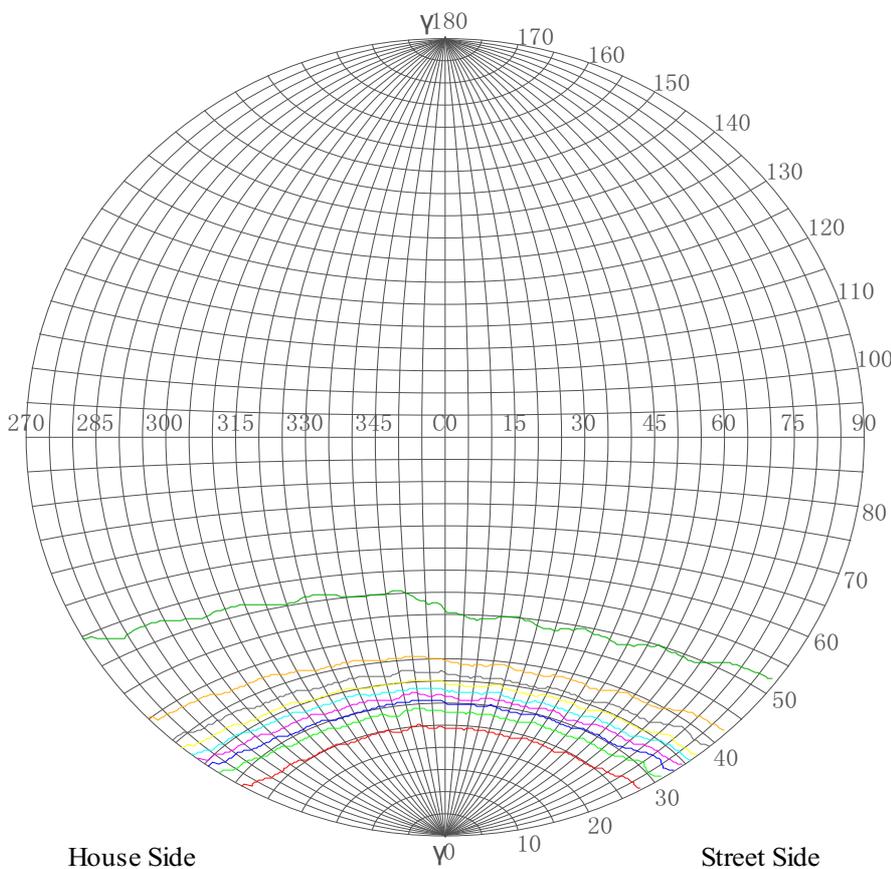


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: TST-SLM/UFO-200W	amp Size:	Lamp Weight:
Lamp Type: UFO - SLM	Rated Voltage: 85:265V	Rated Power: 200 W
Light Type: LED	Light Number: 250Pcs	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

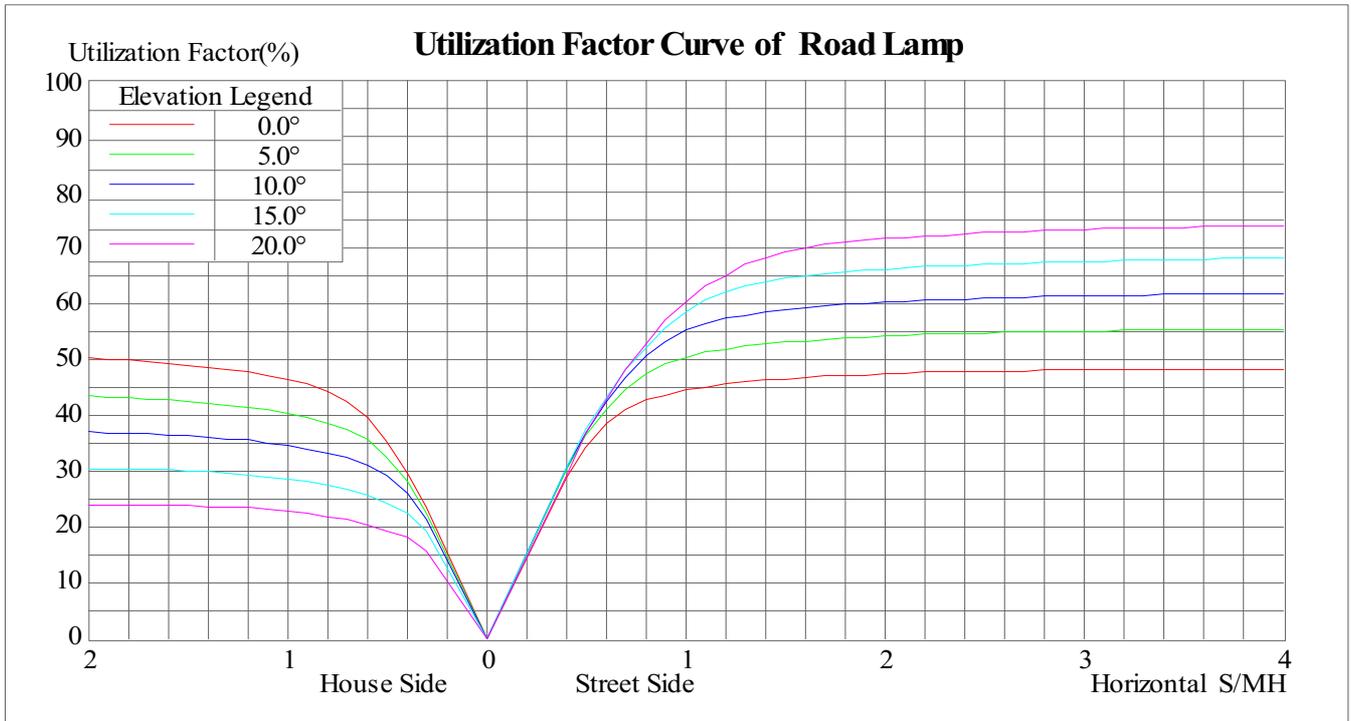
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	18927
90%	17034
80%	15141
70%	13249
60%	11356
50%	9464
40%	7571
30%	5678
20%	3786
10%	1893

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

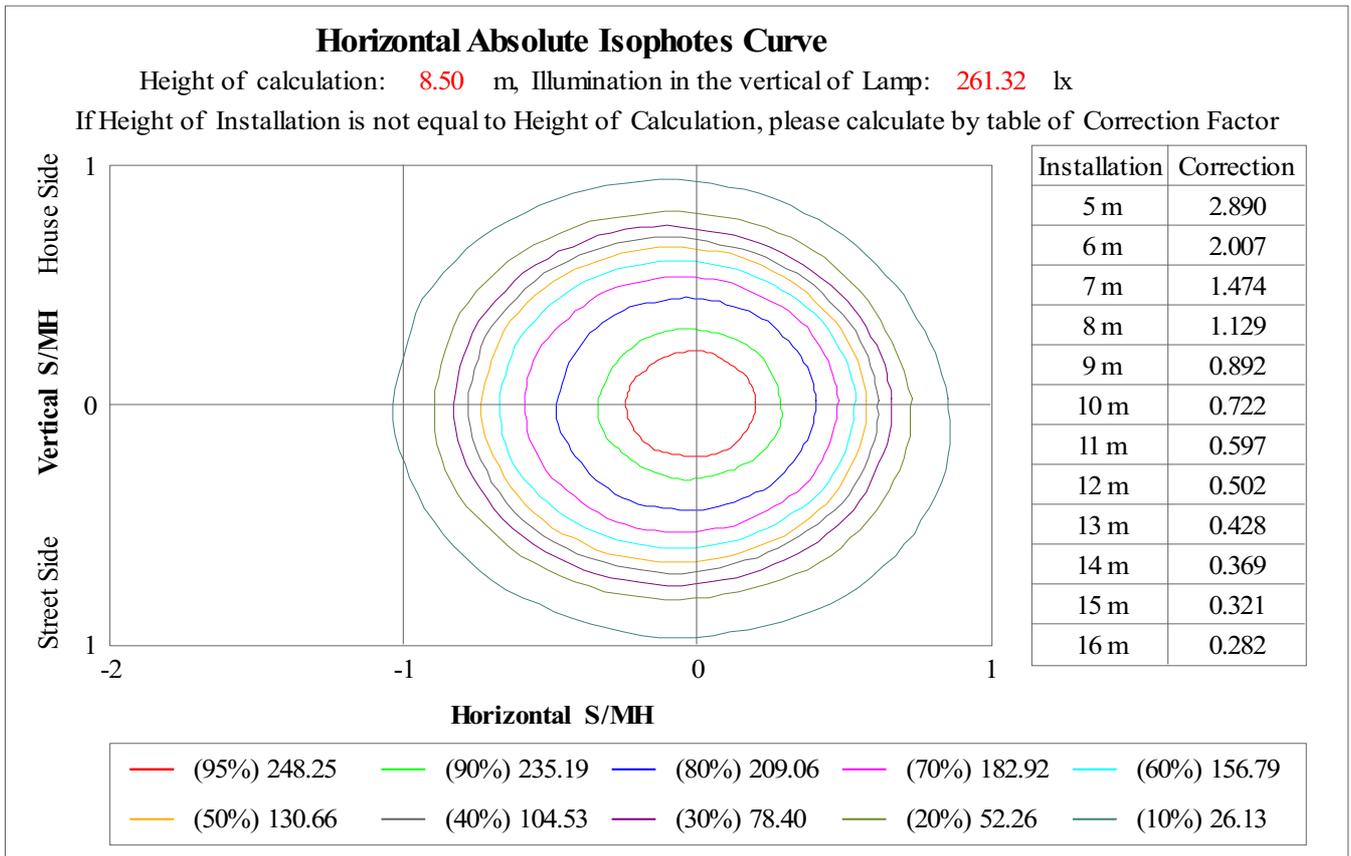
γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-11-02
 Test Time: 14-25-46

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

Lamp Utilization Factor Curve

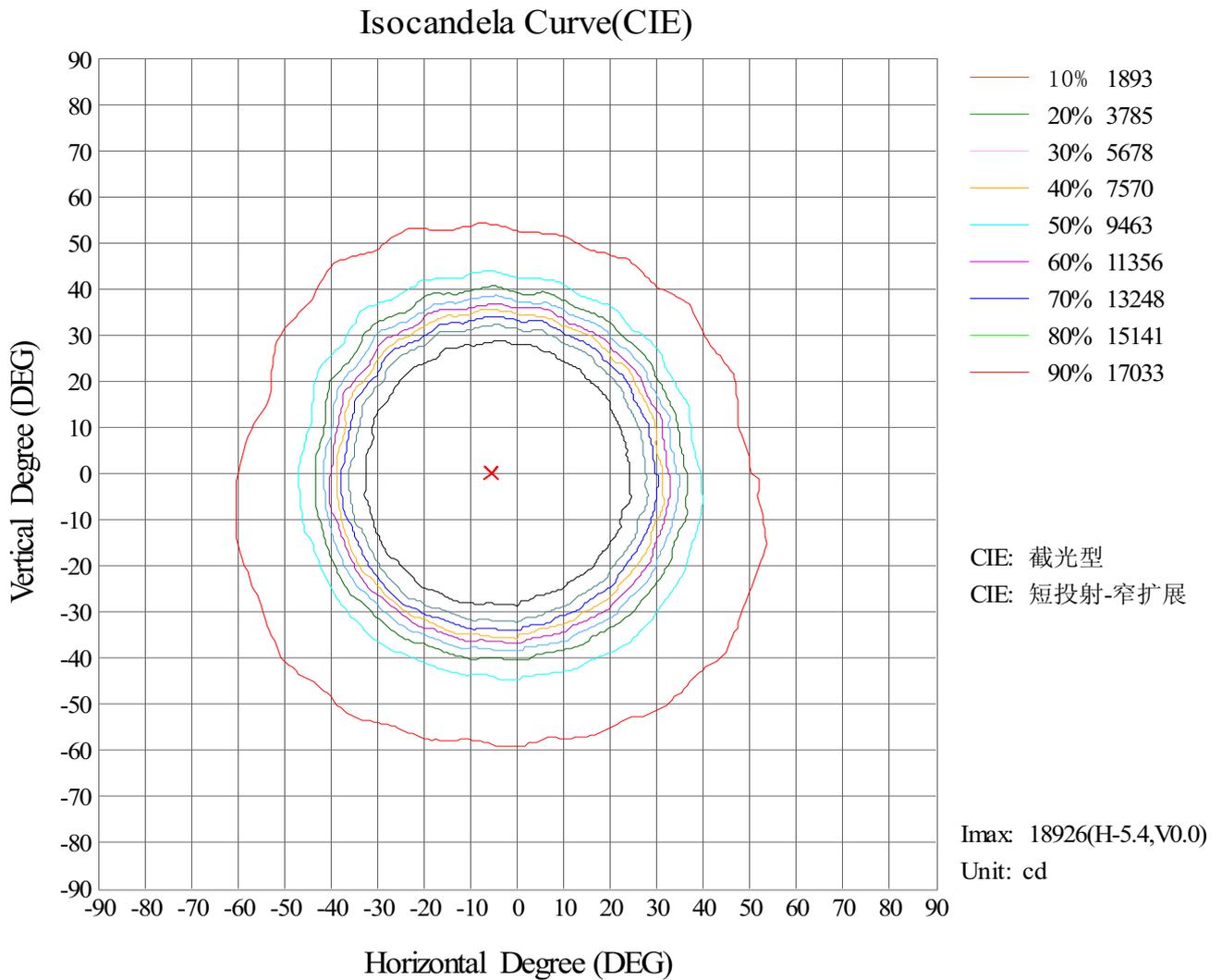


Horizontal Isophotes Curve



Isocandela Curve of Lamp

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Light Type: LED	Light Number: 250Pcs	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

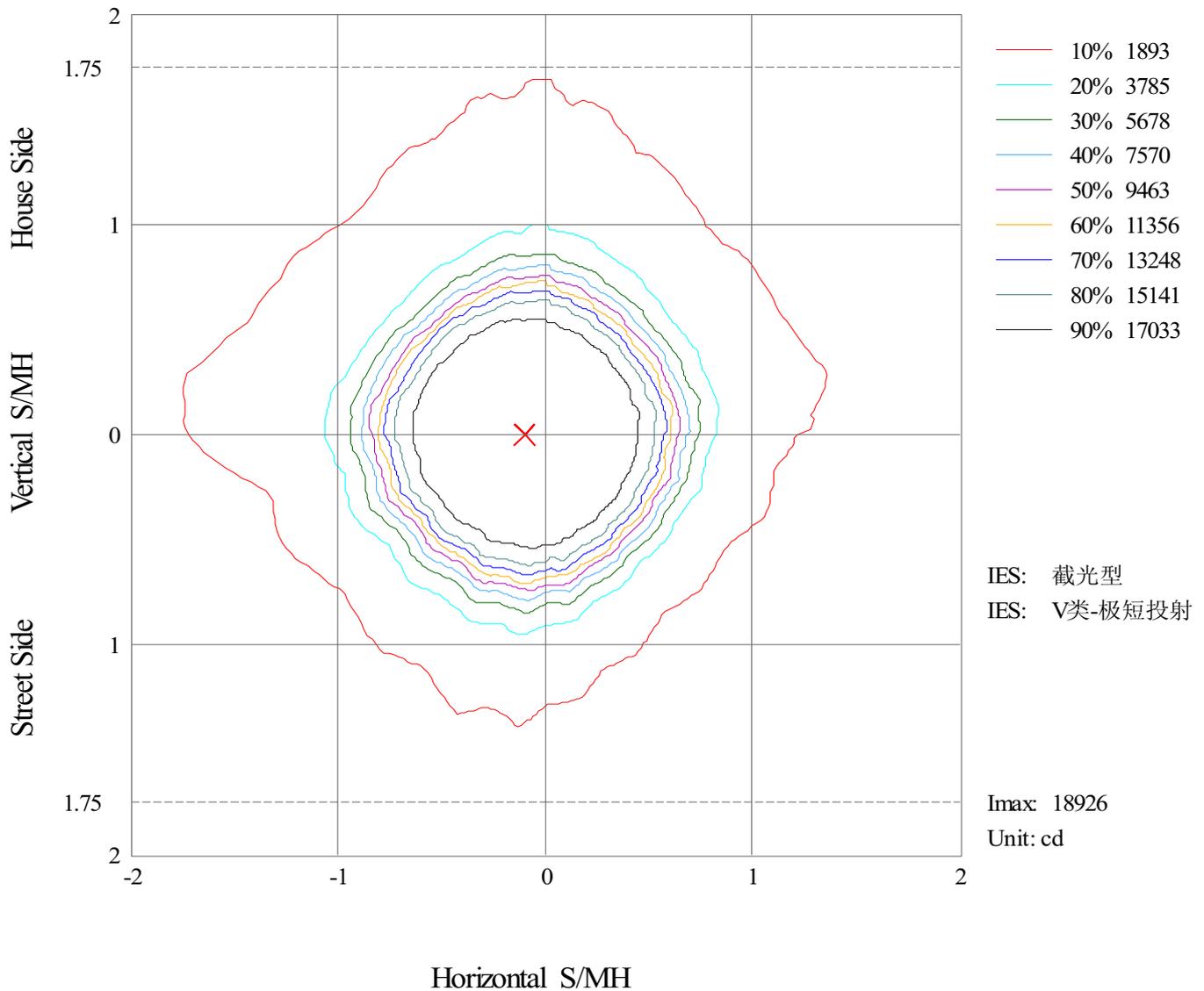
γ Range: 0度-90度
 γ Interval: 0.9度
Test Date: 2019-11-02
Test Time: 14-25-46

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

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-SLM/UFO-200W	amp Size:	Lamp Weight:
Lamp Type: UFO - SLM	Rated Voltage: 85:265V	Rated Power: 200 W
Light Type: LED	Light Number: 250Pcs	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

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

Data Form of Intensity Distribution Curve

Lamp Description		
Lamp Name: TST-SLM/UFO-200W	amp Size:	Lamp Weight:
Lamp Type: UFO - SLM	Rated Voltage: 85:265V	Rated Power: 200 W
Light Type: LED	Light Number: 250Pcs	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Unit: cd

γ/C	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
0.0	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880	18880
3.6	18866	18851	18865	18853	18858	18844	18857	18850	18871	18865	18862	18851	18873	18873	18878	18881	18881	18885	18898	18898
7.2	18793	18793	18784	18796	18800	18786	18821	18812	18835	18829	18837	18850	18859	18869	18871	18874	18872	18878	18911	18911
10.8	18698	18684	18702	18684	18701	18706	18737	18708	18777	18770	18804	18806	18825	18806	18834	18842	18857	18853	18897	18897
14.4	18518	18499	18525	18499	18559	18546	18608	18612	18645	18675	18708	18739	18773	18775	18793	18804	18819	18827	18867	18867
18.0	18250	18172	18230	18221	18273	18275	18375	18393	18493	18485	18578	18605	18652	18669	18707	18707	18739	18754	18811	18811
21.6	17673	17552	17725	17596	17832	17802	18002	17984	18166	18202	18331	18324	18469	18488	18562	18563	18621	18622	18685	18685
25.2	16588	16251	16567	16480	16835	16771	17178	17235	17529	17546	17881	17909	18111	18131	18279	18248	18386	18344	18443	18443
28.8	14319	13299	14342	13787	14851	14620	15572	15436	16360	16334	16946	16895	17360	17344	17725	17668	17868	17777	17951	17951
32.4	9702	8437	9818	8804	10583	9845	12001	11470	13483	13154	14895	14602	15871	15697	16462	16203	16912	16565	16925	16925
36.0	5916	4786	5690	5037	6201	5642	7247	6750	8772	8209	10459	9950	12311	11458	13961	12896	14664	13404	14401	14401
39.6	3615	3045	3525	3001	3719	3299	4300	3953	5183	4805	6406	5845	7648	7009	8946	7776	9862	8112	9361	9361
43.2	2635	2294	2499	2278	2527	2367	2812	2666	3294	3107	3972	3722	4762	4223	5399	4557	5829	4618	5384	5384
46.8	2162	1997	2092	1969	2099	1995	2191	2117	2458	2371	2854	2682	3228	2980	3585	3097	3675	2955	3505	3505
50.4	1904	1771	1872	1744	1864	1757	1904	1820	2032	1969	2249	2171	2522	2327	2645	2354	2641	2270	2707	2707
54.0	1707	1561	1670	1554	1652	1560	1679	1610	1757	1695	1910	1831	2061	1917	2152	1948	2131	1882	2294	2294
57.6	1486	1355	1470	1342	1473	1352	1494	1396	1550	1473	1656	1564	1770	1654	1829	1669	1807	1649	2024	2024
61.2	1287	1139	1267	1138	1263	1150	1288	1193	1341	1257	1419	1341	1514	1396	1559	1427	1562	1419	1734	1734
64.8	1060	921.3	1055	929.0	1067	948.2	1084	998.0	1136	1050	1218	1116	1279	1181	1328	1203	1345	1197	1483	1483
68.4	847.6	713.5	843.0	725.2	857.3	749.1	891.2	787.9	942.0	845.8	999.4	914.5	1078	962.0	1110	987.4	1119	1001	1226	1226
72.0	627.0	498.3	638.6	518.1	655.9	546.5	679.1	588.6	733.9	647.5	798.1	705.5	852.7	750.8	891.2	778.8	911.2	781.2	974.6	974.6
75.6	394.1	301.5	418.3	331.5	442.0	355.0	466.2	393.7	526.6	455.9	588.2	509.6	637.5	556.0	677.6	587.9	697.5	595.0	747.6	747.6
79.2	204.6	134.0	221.7	155.0	246.2	174.8	266.0	210.5	328.9	273.1	379.3	316.9	416.6	348.5	471.1	390.8	487.3	399.3	520.0	520.0
82.8	55.73	37.05	60.50	38.94	75.93	44.42	96.67	59.68	144.0	97.82	193.8	133.8	222.4	172.1	273.6	211.9	293.1	217.2	323.8	323.8
86.4	28.42	27.54	29.14	27.71	30.55	28.25	33.30	29.82	36.65	32.61	44.66	36.60	60.83	43.74	99.01	60.00	123.2	67.50	167.4	167.4
90.0	27.42	28.30	28.01	29.86	28.30	28.83	28.48	28.59	28.59	29.65	28.70	29.42	29.81	28.06	31.38	28.79	34.85	30.20	123.6	123.6