



TRUST LED Flood Light 150W

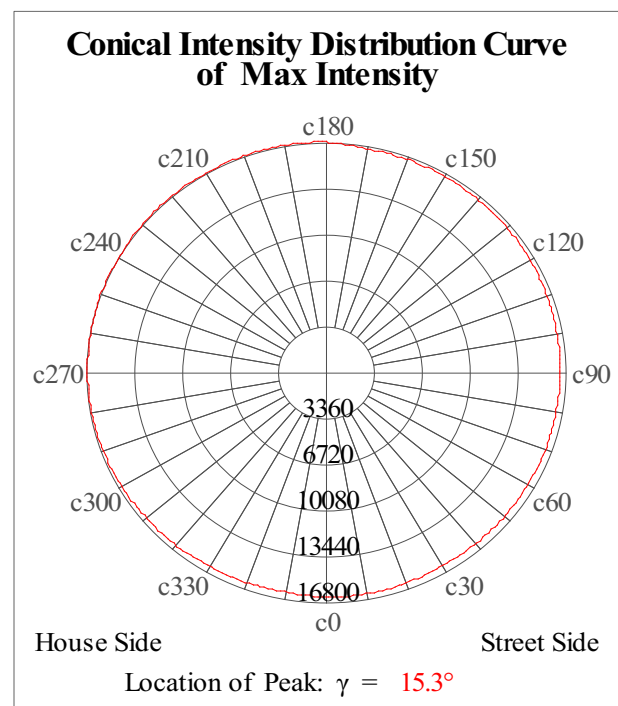
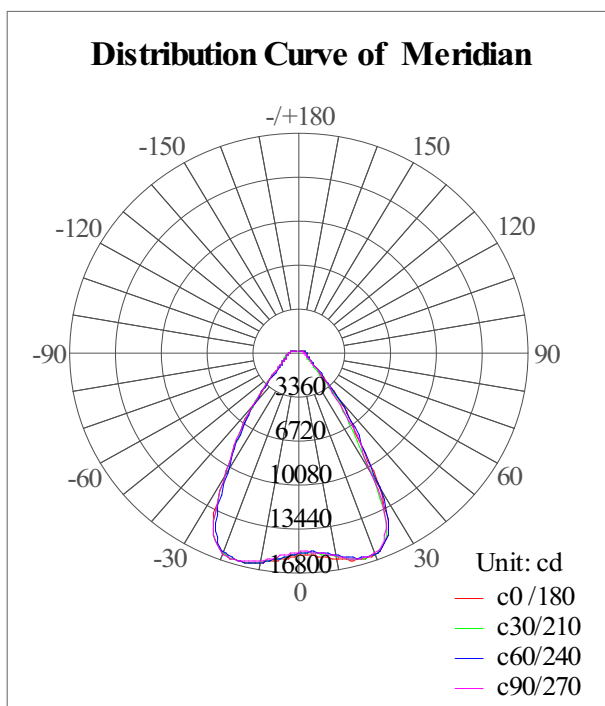
Model No: TST-TGS011-150W



Photometric Data of Lamp

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 225.1 V	Current: 0.672 A	Power: 145.3 W	Power Factor: 0.96
Total Flux	20954.30 lm	Central Intensity	15489.95 cd
Lamp Efficiency	0.00%	Light Efficiency	144.21 lm/W
Peak Intensity	16705.22 cd	Location of Peak(c, γ)	(260.0°, 15.3°)
Half-Intensity Angle	65.7°	BeamAngle	93.6°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	10329.13 lm
Upward House Side	0	Downward House Side	10627.24 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: 8.0 m

Note: notes

 γ Range: 0度-90度

 γ Interval: 0.9度

Test Date: 2019-11-05

Test Time: 17-49-46

Temperature: 30℃

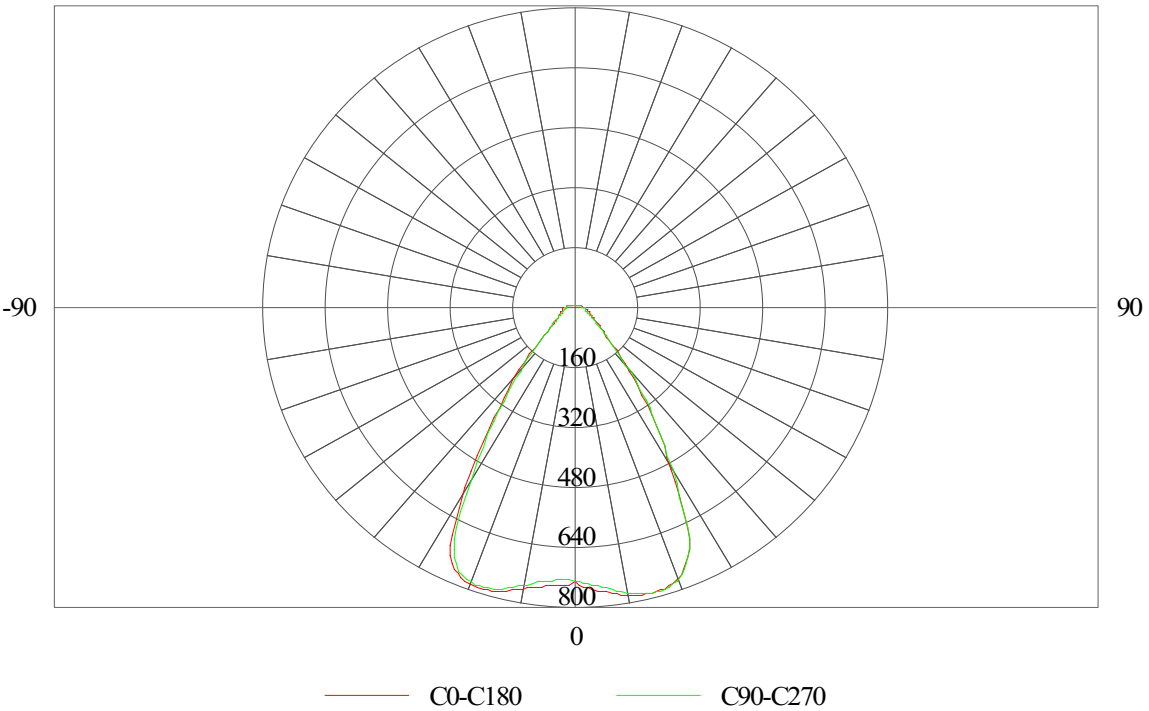
Humidity: 60%

Test No.: 01

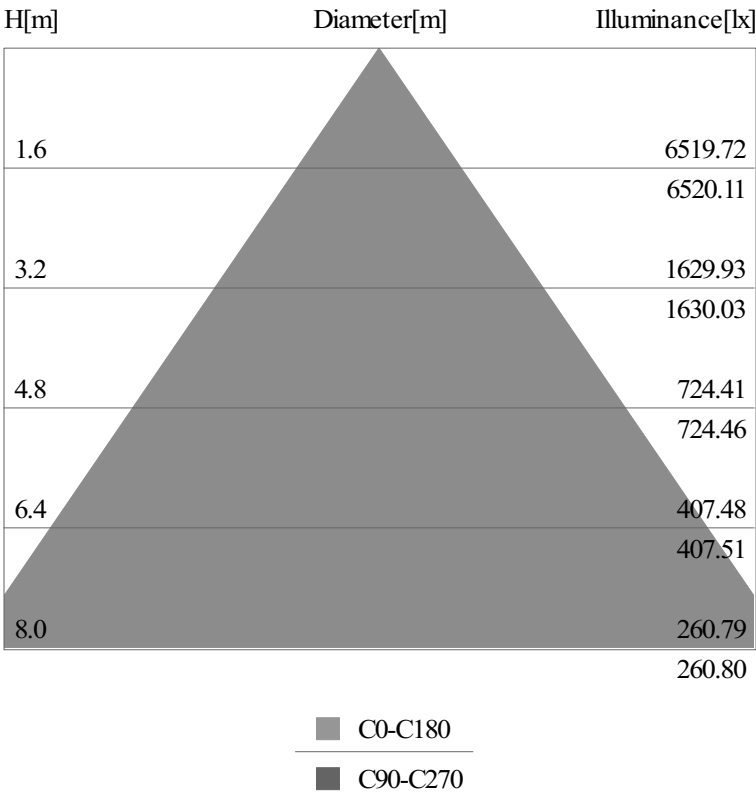
Tester: 01



cd/1000 lm Curve

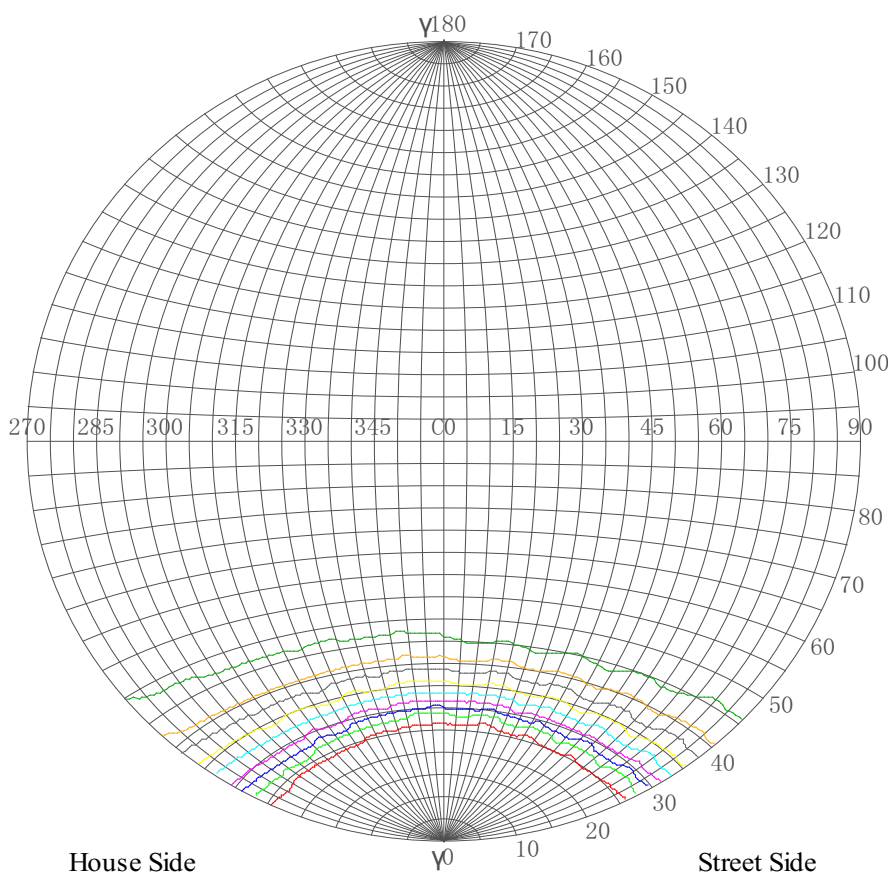


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 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: 15.47cd/klm

Max. At90: 4.5509cd/klm

Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax= 100%	16706
90%	15035
80%	13365
70%	11694
60%	10024
50%	8353
40%	6683
30%	5012
20%	3342
10%	1671

c Range: 0度-360度

c Interval: 10度

Test Speed: 快速

Test Distance: 8.0 m

Note: notes

 γ Range: 0度-90度 γ Interval: 0.9度

Test Date: 2019-11-05

Test Time: 17-49-46

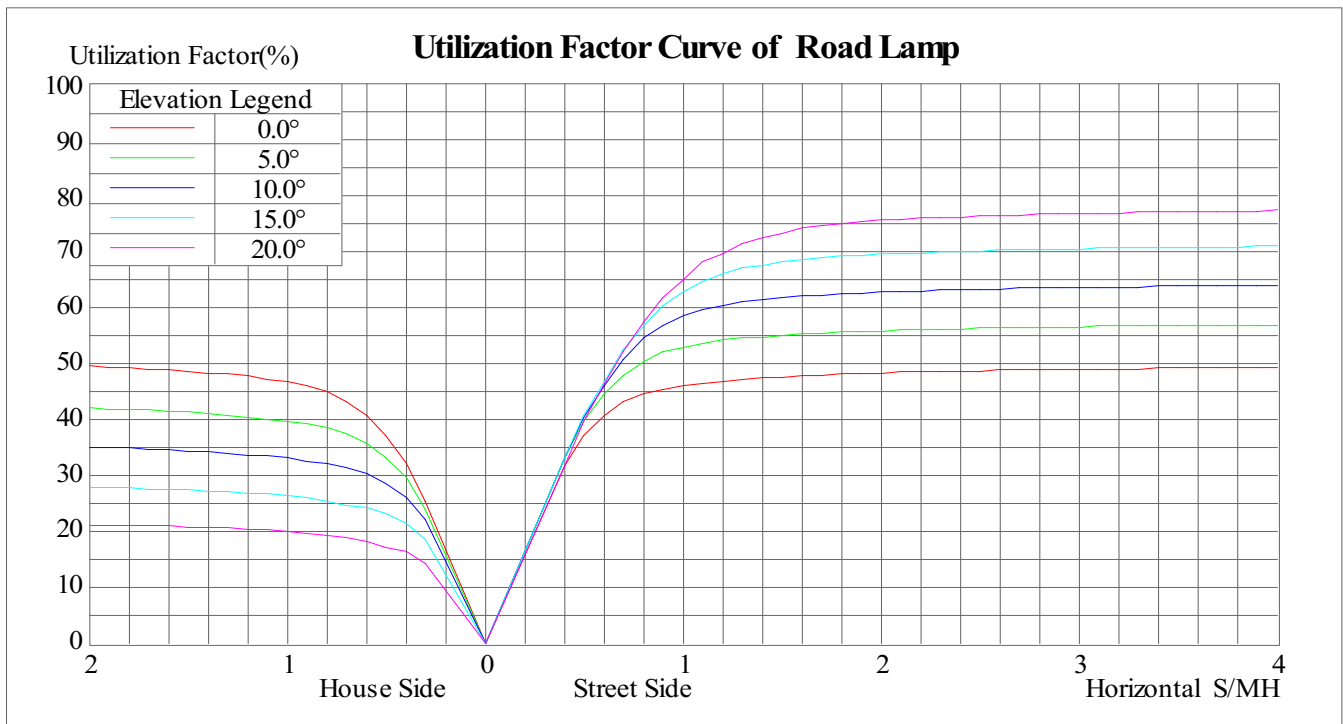
Temperature: 30℃

Humidity: 60%

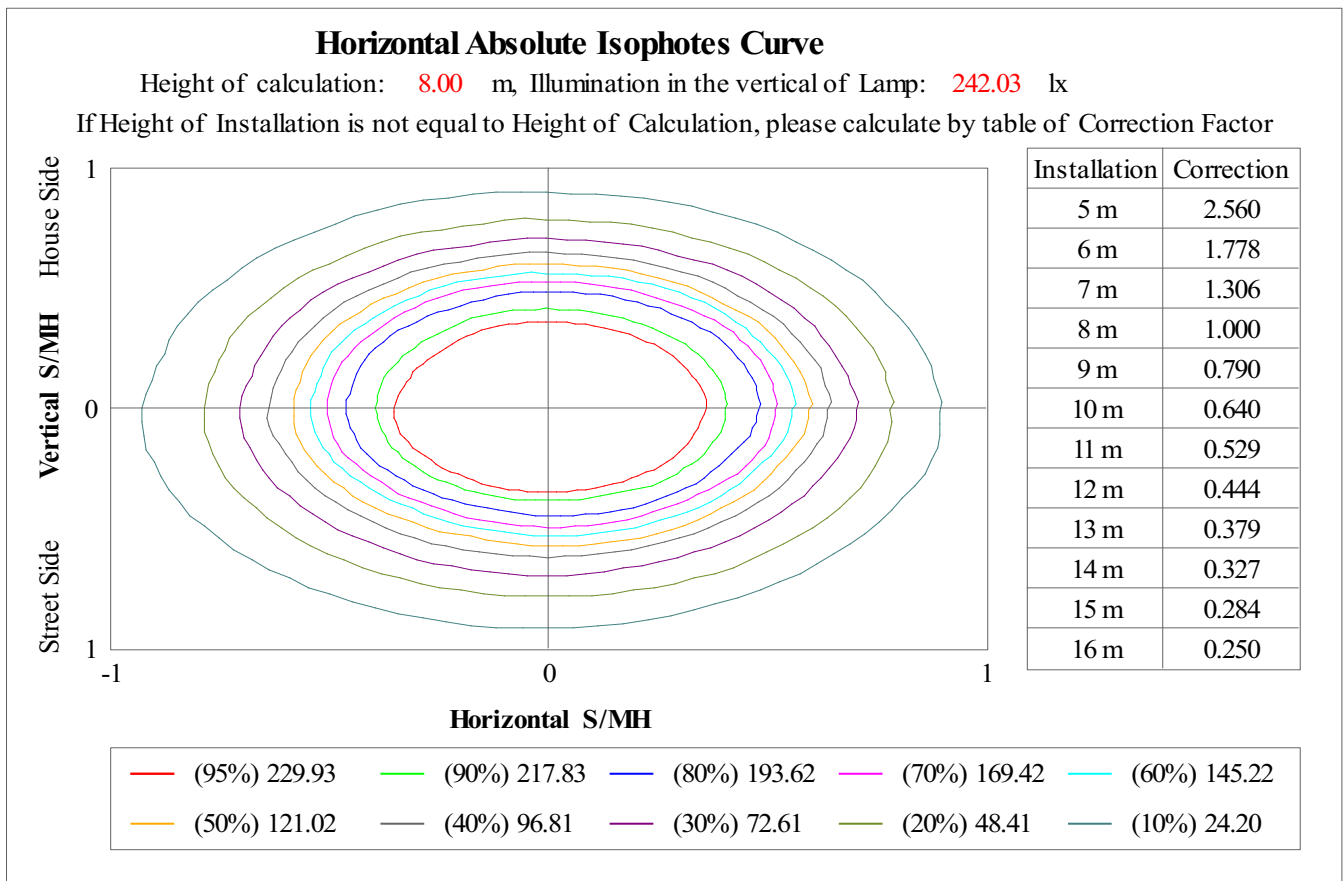
Test No.: 01

Tester: 01

Lamp Utilization Factor Curve

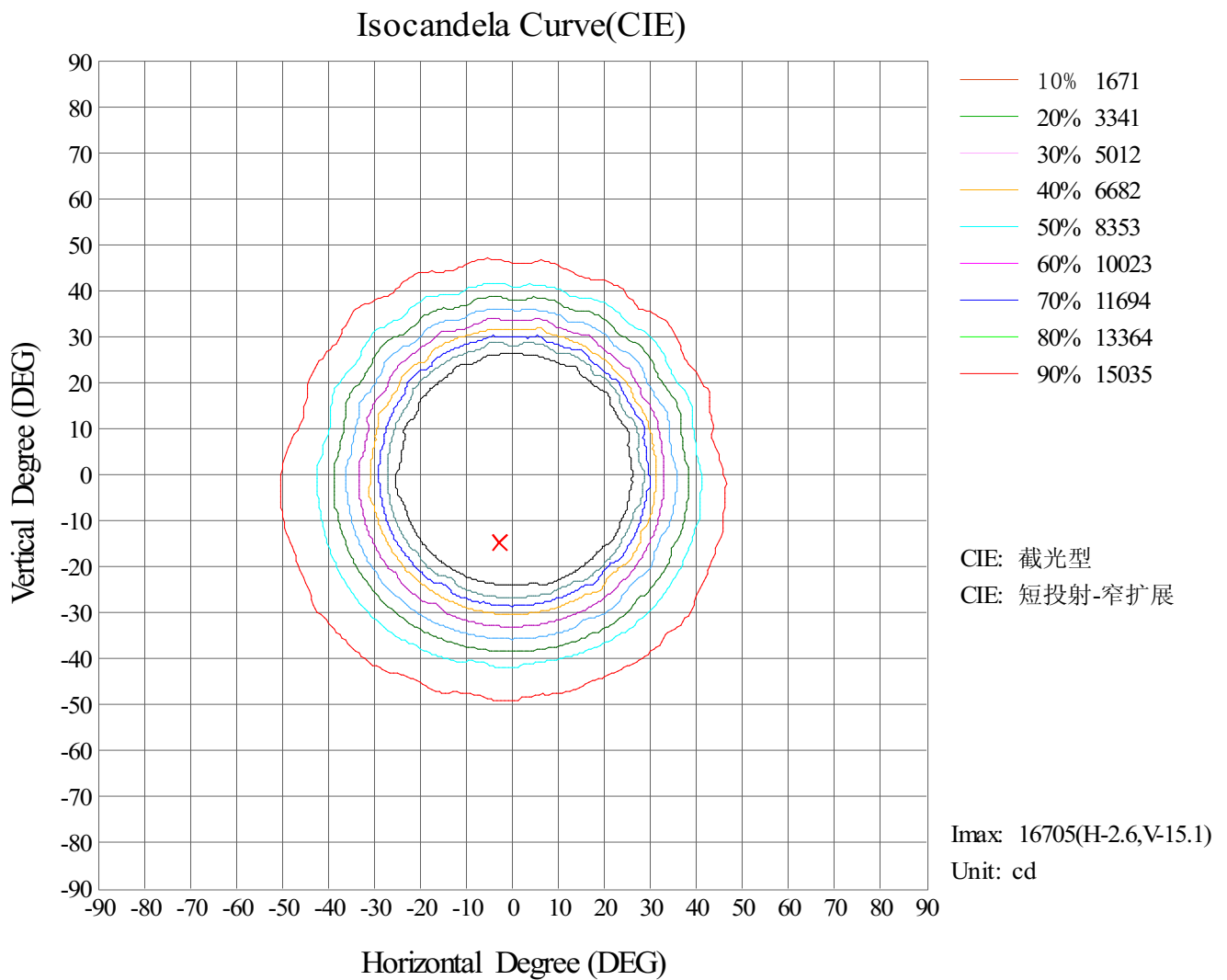


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 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: 8.0 m

Note: notes

 γ Range: 0度-90度 γ Interval: 0.9度

Test Date: 2019-11-05

Test Time: 17-49-46

Temperature: 30℃

Humidity: 60%

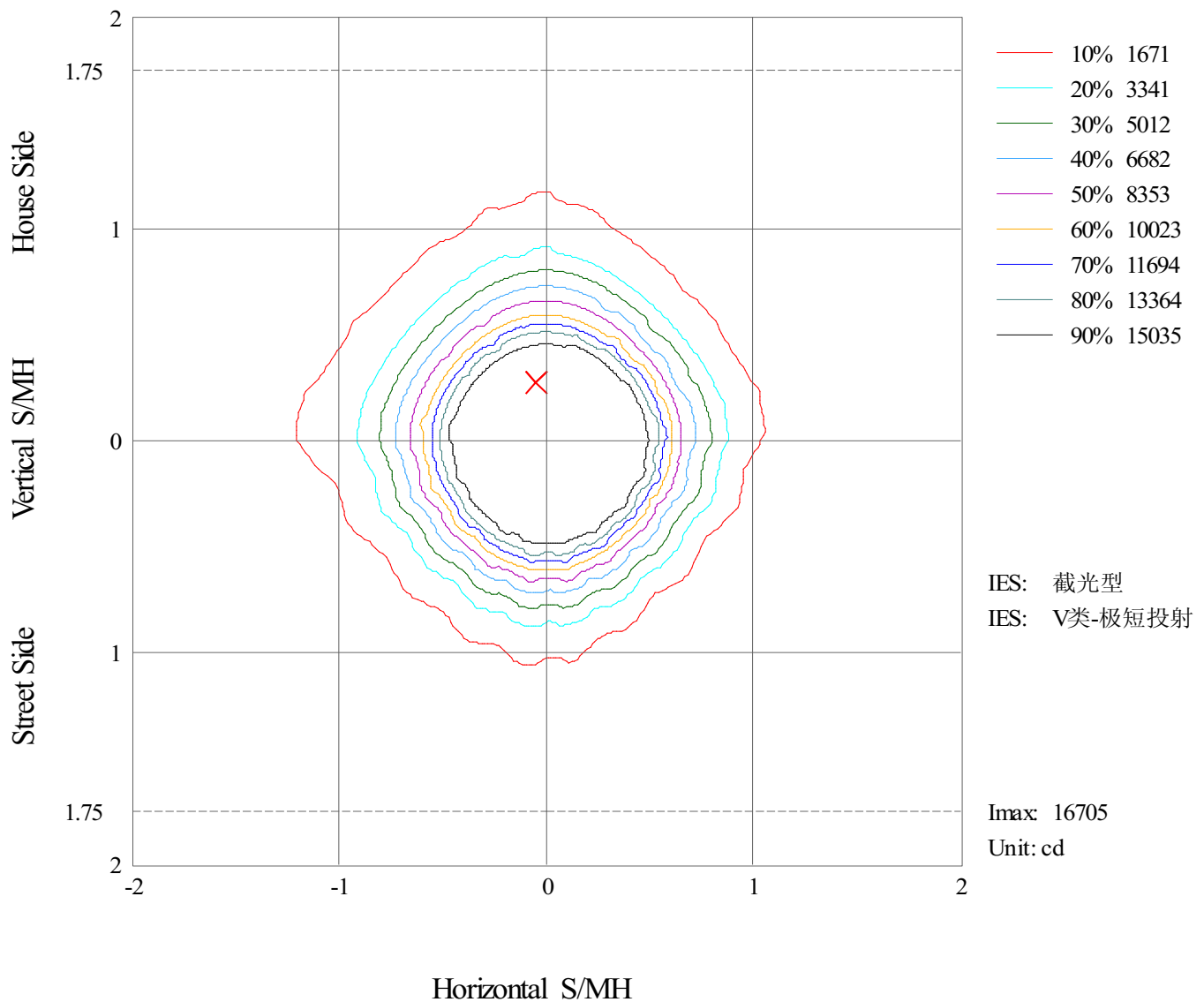
Test No.: 01

Tester: 01

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 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: 8.0 m

Note: notes

 γ Range: 0度-90度 γ Interval: 0.9度

Test Date: 2019-11-05

Test Time: 17-49-46

Temperature: 30℃

Humidity: 60%

Test No.: 01

Tester: 01

Lamp Ring with Flux

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 W
Light Type:	Light Number:	Rated Flux:
Light Standard:	Light Area:	Light Flux:

γ	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	15728	15476	15992	15717	0.0-3.6	193.0	193.0	0.92
7.2	15961	15680	16272	16091	3.6-7.2	586.0	778.9	3.72
10.8	16254	16068	16589	16437	7.2-10.8	994.3	1773	8.46
14.4	16565	16445	16688	16676	10.8-14.4	1414	3187	15.21
18.0	16690	16571	16566	16622	14.4-18.0	1825	5011	23.91
21.6	16465	16327	15985	16018	18.0-21.6	2785	7797	37.20
25.2	15564	15166	14536	14468	21.6-25.2	2469	10266	48.99
28.8	12719	12064	11359	11390	25.2-28.8	2331	12596	60.11
32.4	9035	8570	8625	8623	28.8-32.4	1928	14524	69.31
36.0	6407	5968	6280	6540	32.4-36.0	1540	16063	76.65
39.6	4145	3611	4284	4375	36.0-39.6	1134	17198	82.06
43.2	2371	2073	2756	2710	39.6-43.2	746.5	17944	85.63
46.8	1520	1461	2077	1962	43.2-46.8	516.1	18460	88.09
50.4	1140	1045	1557	1473	46.8-50.4	407.6	18868	90.03
54.0	950.4	811.0	1220	1168	50.4-54.0	341.6	19210	91.66
57.6	835.2	685.3	1037	967.7	54.0-57.6	304.7	19514	93.12
61.2	766.9	567.2	908.7	828.0	57.6-61.2	281.7	19796	94.46
64.8	722.3	485.7	815.6	683.1	61.2-64.8	265.7	20062	95.73
68.4	685.7	491.5	720.4	621.1	64.8-68.4	252.7	20314	96.94
72.0	596.8	473.9	568.5	549.8	68.4-72.0	228.9	20543	98.03
75.6	397.4	337.4	438.4	398.9	72.0-75.6	139.0	20682	98.69
79.2	224.0	181.9	297.6	264.6	75.6-79.2	128.5	20811	99.31
82.8	133.9	119.1	228.2	215.5	79.2-82.8	78.20	20889	99.68
86.4	44.82	25.32	128.5	111.6	82.8-86.4	43.77	20933	99.89
90.0	20.02	19.02	92.35	75.14	86.4-90.0	23.56	20956	100.00
Unit: $^{\circ}$	Intensity Unit: cd					Unit: lm		

Data Form of Intensity Distribution Curve

Lamp Description		
Lamp Name: TST-TGS011-150W	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage: 220 V	Rated Power: 150 W
Light Type:	Light Number:	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	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490	15490
3.6	15728	15703	15634	15556	15520	15490	15458	15453	15457	15476	15428	15448	15468	15482	15478	15531	15526	15551	15992
7.2	15961	15914	15810	15791	15716	15706	15666	15699	15641	15680	15662	15738	15701	15781	15757	15863	15839	15909	16272
10.8	16254	16223	16124	16115	16029	16084	15992	16063	16014	16068	16053	16122	16098	16130	16145	16197	16169	16255	16589
14.4	16565	16555	16485	16467	16417	16431	16400	16435	16378	16445	16397	16442	16419	16431	16394	16423	16421	16435	16688
18.0	16690	16669	16650	16635	16604	16613	16590	16608	16595	16571	16568	16540	16496	16444	16436	16390	16370	16334	16566
21.6	16465	16419	16475	16364	16473	16388	16465	16359	16421	16327	16354	16165	16225	16011	16047	15839	15928	15741	15985
25.2	15564	15311	15651	15279	15597	15304	15572	15213	15485	15166	15386	14939	15146	14723	14950	14471	14745	14195	14536
28.8	12719	12017	12939	11834	12935	12114	13070	12140	12922	12064	12815	11801	12501	11526	12067	11136	11671	10787	11359
32.4	9035	8333	9211	8227	9175	8408	9318	8410	9350	8570	9291	8288	9231	8379	9030	8164	8716	7925	8625
36.0	6407	5727	6453	5681	6444	5809	6677	5857	6608	5968	6595	5866	6568	5738	6520	5708	6353	5522	6280
39.6	4145	3390	4260	3470	4359	3531	4418	3524	4357	3611	4359	3635	4402	3638	4405	3601	4261	3566	4284
43.2	2371	1819	2336	1769	2377	1830	2469	1879	2495	2073	2572	2101	2626	2122	2687	2154	2710	2164	2756
46.8	1520	1237	1401	1197	1449	1219	1468	1272	1587	1461	1691	1423	1696	1463	1751	1497	1750	1530	2077
50.4	1140	994.4	1072	967.0	1072	959.4	1079	950.0	1125	1045	1205	1027	1257	1096	1304	1127	1328	1148	1557
54.0	950.4	858.6	925.3	857.3	913.4	843.9	897.0	810.4	885.2	811.0	919.5	827.0	953.7	873.5	1001	900.8	1031	911.8	1220
57.6	835.2	779.8	817.6	762.4	817.4	755.9	792.3	728.1	753.8	685.3	757.1	728.0	813.3	767.8	844.0	794.3	862.1	795.4	1037
61.2	766.9	728.5	750.8	712.6	739.4	699.8	721.3	666.1	664.2	567.2	661.8	655.9	720.3	696.3	754.2	717.8	772.3	714.0	908.7
64.8	722.3	699.3	716.1	691.4	682.7	665.6	679.1	620.6	577.7	485.7	565.2	599.4	669.1	655.1	685.9	659.5	698.1	656.7	815.6
68.4	685.7	650.0	691.8	660.6	668.3	645.7	653.7	589.3	514.0	491.5	499.0	554.2	624.2	614.9	638.4	611.9	649.9	605.8	720.4