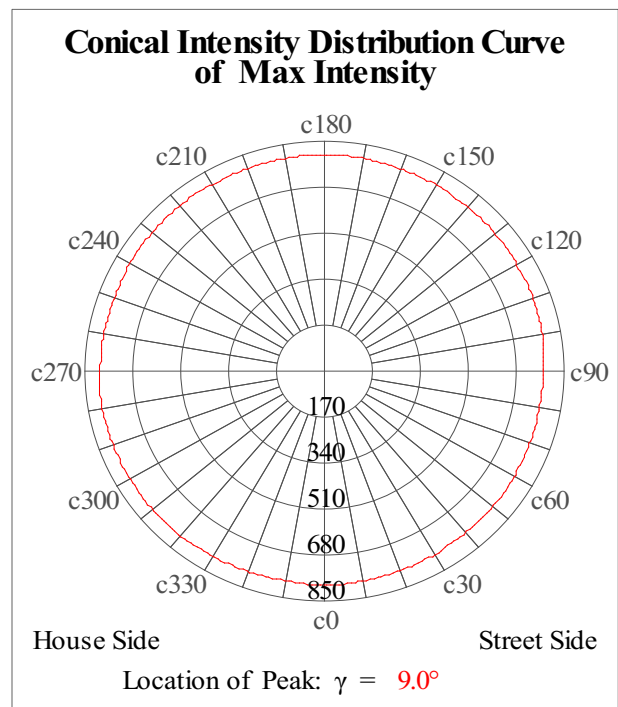
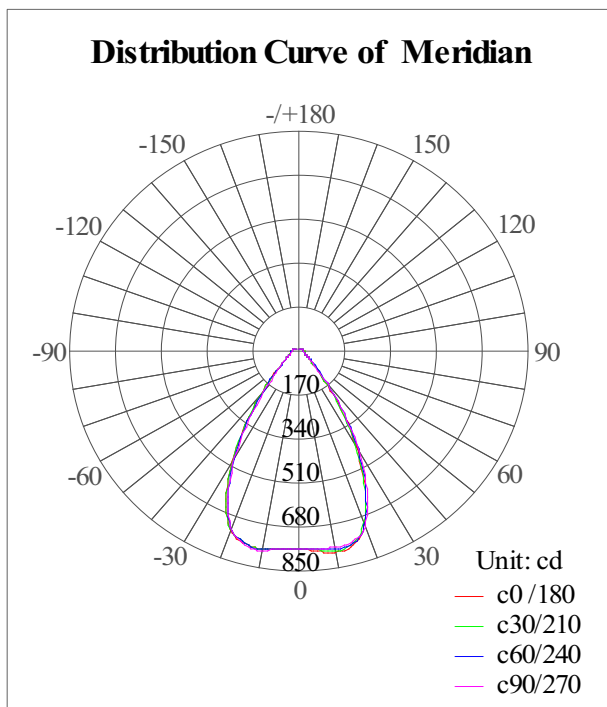


Photometric Data of Lamp

Lamp Description		
Lamp Name: 10W调焦导轨灯	Lamp Size:	Lamp Weight:
Lamp Type: AL-TL0310 L	Rated Voltage: 220 V	Rated Power: 10 W
Light Type: 科瑞1507	Light Number:	Rated Flux:
Light Standard: 80RA	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 214 V	Current: 0.052 A	Power: 10.8 W	Power Factor: 0.964
Total Flux	915.50 lm	Central Intensity	819.76 cd
Lamp Efficiency	0.00%	Light Efficiency	84.77 lm/W
Peak Intensity	846.87 cd	Location of Peak(c,γ)	(0.0°, 9.0°)
Half-Intensity Angle	62.1°	BeamAngle	87.3°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	466.47 lm
Upward House Side	0	Downward House Side	449.11 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: 4.0 m

Note: notes

γ Range: 0度-90度

γ Interval: 0.9度

Test Date: 2019-09-03

Test Time: 15-11-28

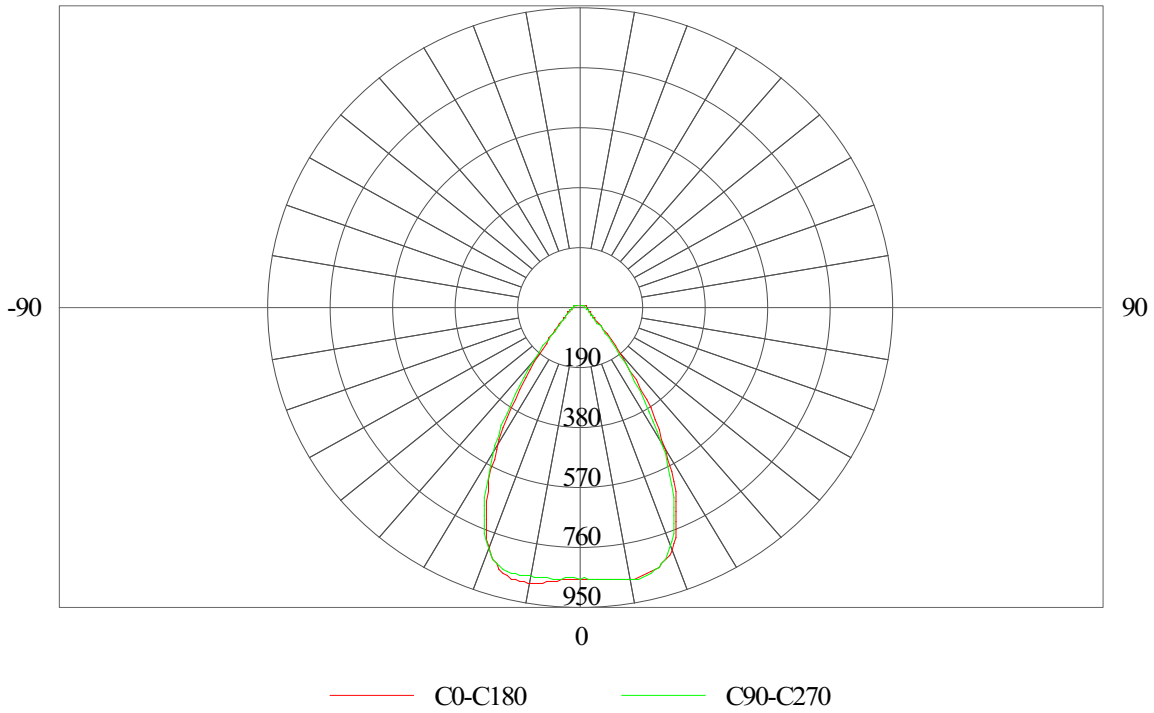
Temperature: 25°C

Humidity: 70%

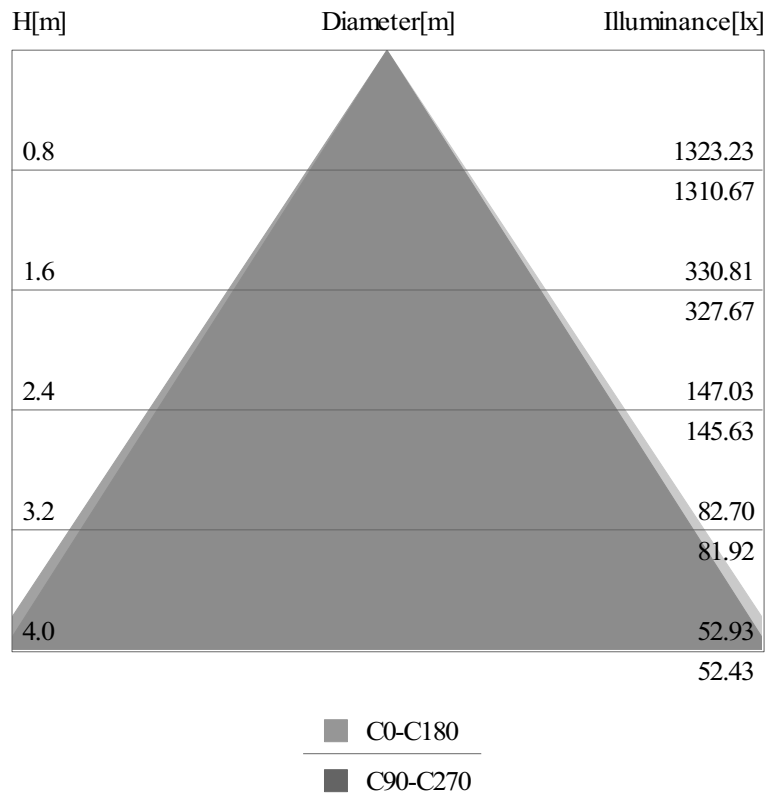
Test No.:

Tester:

cd/1000 lm Curve

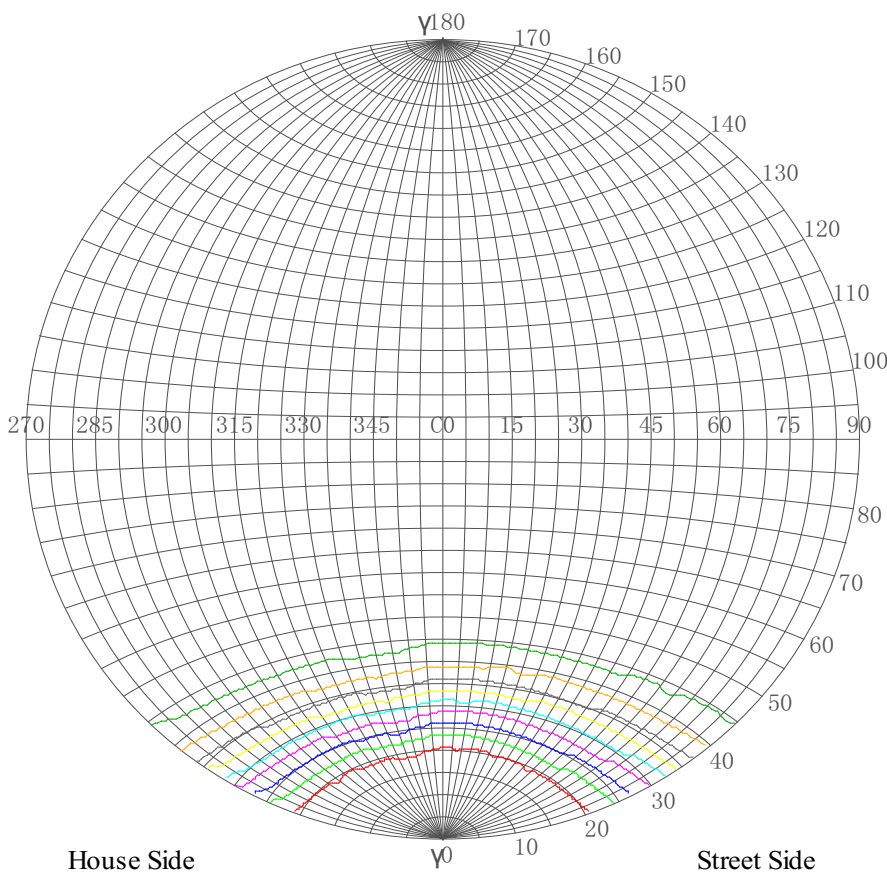


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 10W调焦导轨灯	Lamp Size:	Lamp Weight:
Lamp Type: AL-TL0310 L	Rated Voltage: 220 V	Rated Power: 10 W
Light Type: 科瑞1507	Light Number:	Rated Flux:
Light Standard: 80RA	Light Area:	Light Flux:



Road Lamp Type

CIE: cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: V-very short
 Max. At80: 10.07cd/klm
 Max. At90: 4.8498cd/klm

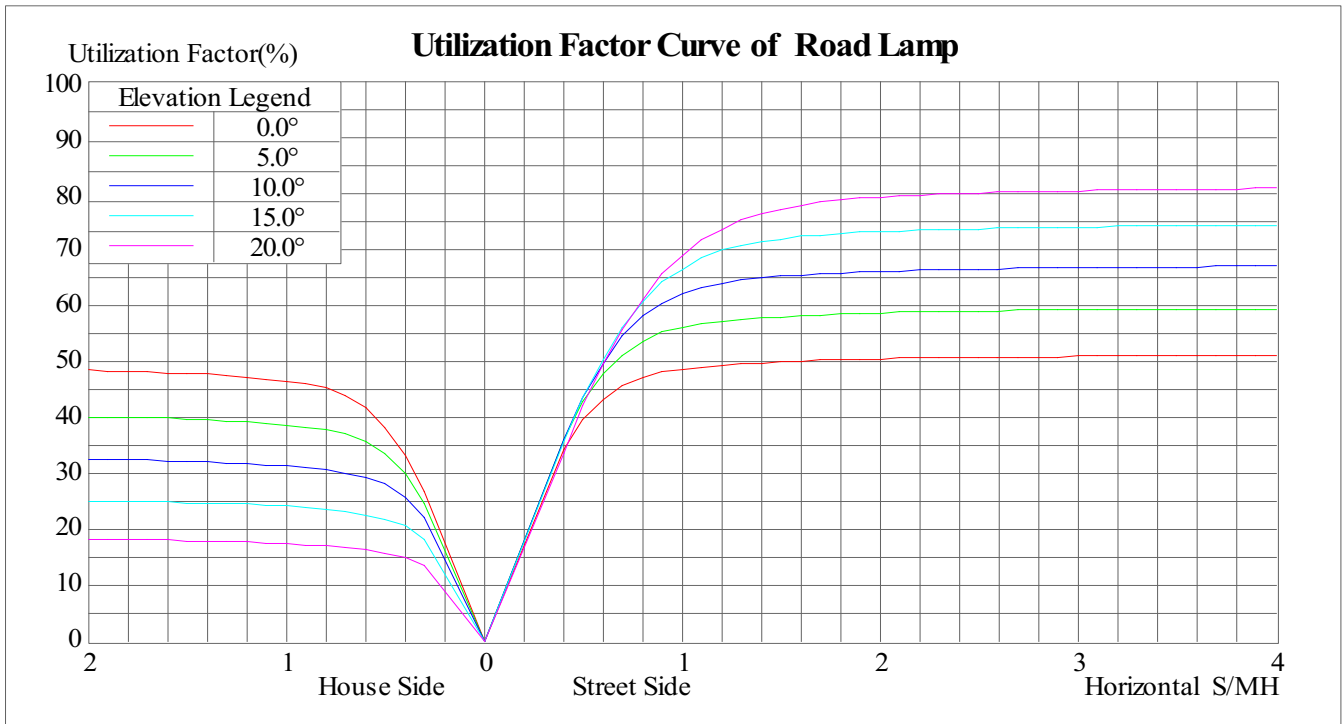
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	847
— 90%	763
— 80%	678
— 70%	593
— 60%	509
— 50%	424
— 40%	339
— 30%	255
— 20%	170
— 10%	85

c Range: 0度-360度
 c Interval: 10度
 Test Speed: 快速
 Test Distance: 4.0 m
 Note: notes

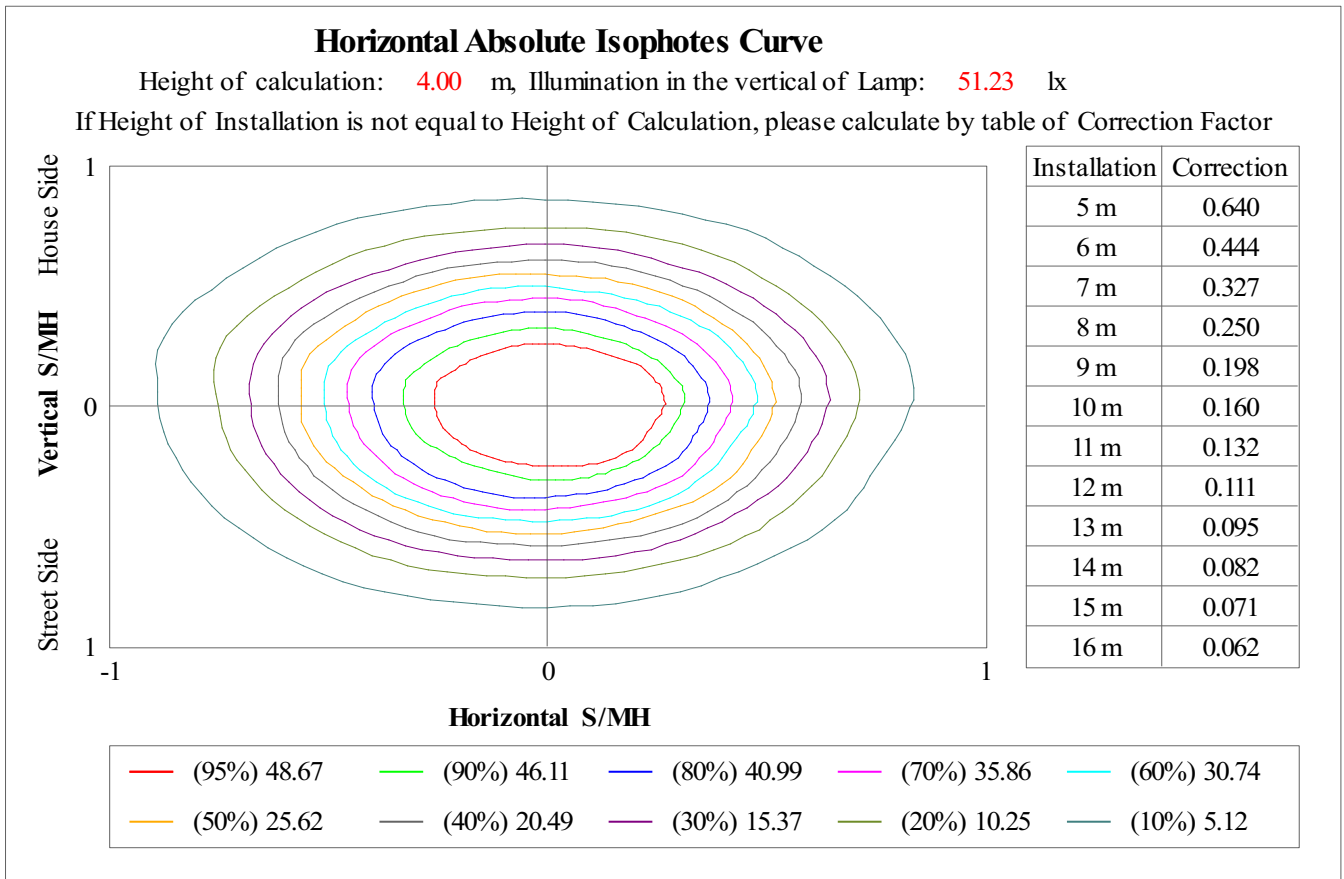
γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-09-03
 Test Time: 15-11-28

Temperature: 25°C
 Humidity: 70%
 Test No.:
 Tester:

Lamp Utilization Factor Curve

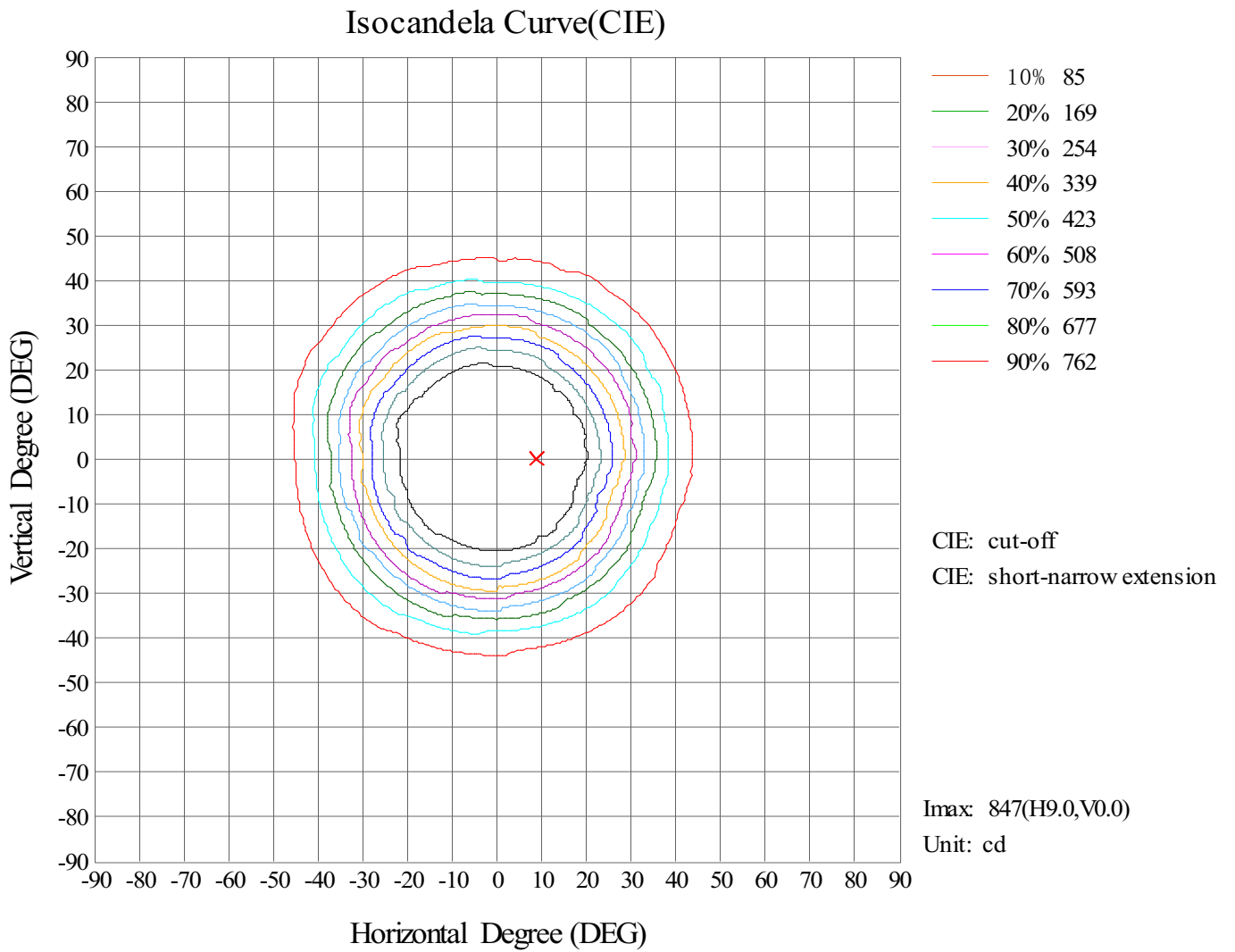


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 10W调焦导轨灯	Lamp Size:	Lamp Weight:
Lamp Type: AL-TL0310 L	Rated Voltage: 220 V	Rated Power: 10 W
Light Type: 科瑞1507	Light Number:	Rated Flux:
Light Standard: 80RA	Light Area:	Light Flux:



c Range: 0度-360度
 c Interval: 10度
 Test Speed: 快速
 Test Distance: 4.0 m
 Note: notes

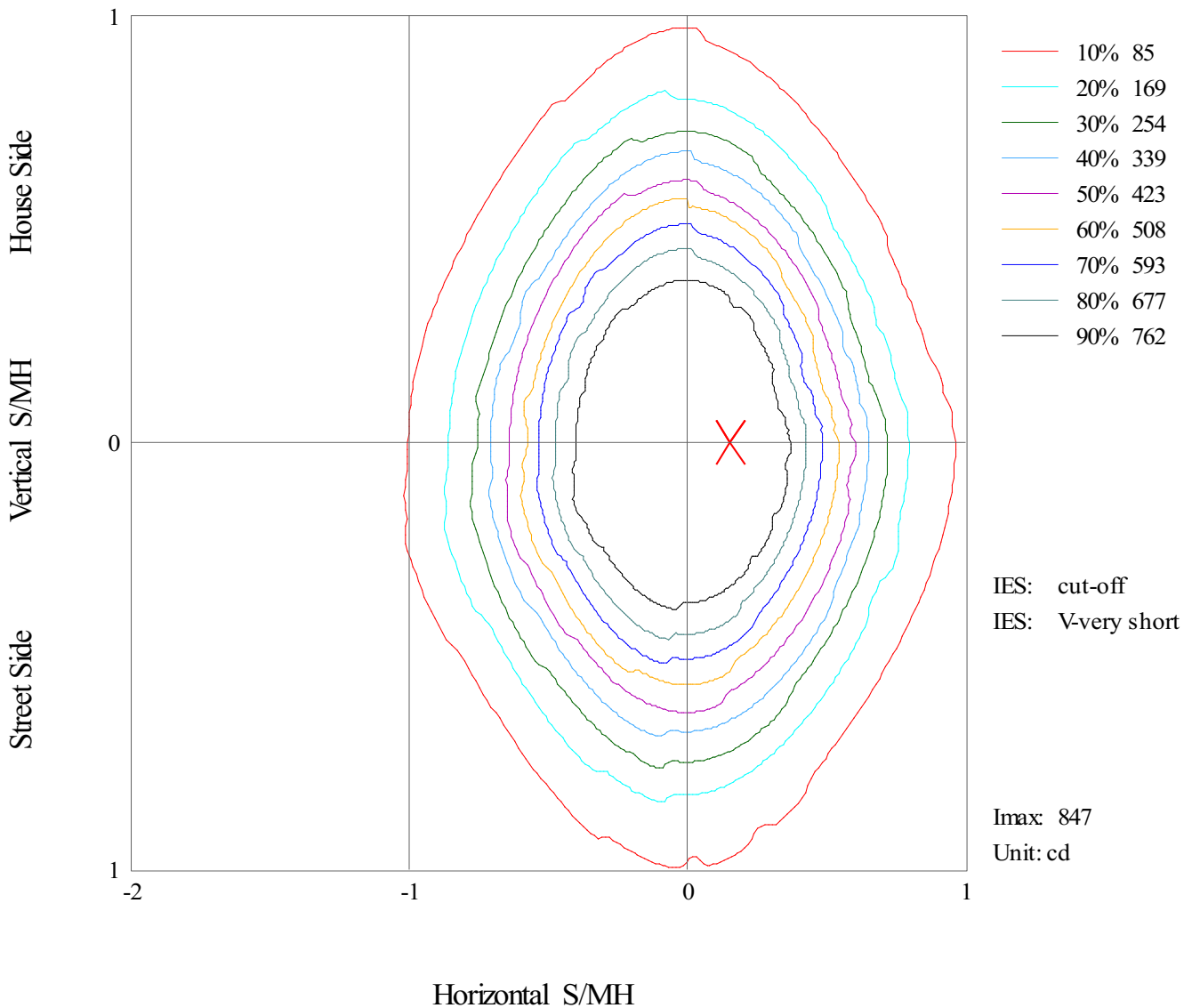
γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-09-03
 Test Time: 15-11-28

Temperature: 25°C
 Humidity: 70%
 Test No.:
 Tester:

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 10W调焦导轨灯	Lamp Size:	Lamp Weight:
Lamp Type: AL-TL0310 L	Rated Voltage: 220 V	Rated Power: 10 W
Light Type: 科瑞1507	Light Number:	Rated Flux:
Light Standard: 80RA	Light Area:	Light Flux:

Isocandela Curve(IES)



c Range: 0度-360度
 c Interval: 10度
 Test Speed: 快速
 Test Distance: 4.0 m
 Note: notes

γ Range: 0度-90度
 γ Interval: 0.9度
 Test Date: 2019-09-03
 Test Time: 15-11-28

Temperature: 25°C
 Humidity: 70%
 Test No.:
 Tester:

Lamp Ring with Flux

Lamp Description		
Lamp Name: 10W调焦导轨灯	Lamp Size:	Lamp Weight:
Lamp Type: AL-TL0310 L	Rated Voltage: 220 V	Rated Power: 10 W
Light Type: 科瑞1507	Light Number:	Rated Flux:
Light Standard: 80RA	Light Area:	Light Flux:

γ	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	825.5	821.2	823.2	822.8	0.0-3.6	10.19	10.19	1.11
7.2	840.0	823.8	827.1	829.8	3.6-7.2	30.72	40.91	4.47
10.8	845.9	826.2	834.1	838.6	7.2-10.8	51.51	92.42	10.09
14.4	838.0	822.5	823.7	829.0	10.8-14.4	71.80	164.2	17.94
18.0	799.7	799.9	803.7	799.5	14.4-18.0	89.85	254.1	27.75
21.6	725.7	736.3	748.3	734.8	18.0-21.6	129.7	383.8	41.92
25.2	615.8	634.6	652.5	635.6	21.6-25.2	106.8	490.7	53.59
28.8	494.0	515.8	529.8	509.9	25.2-28.8	100.1	590.7	64.52
32.4	365.8	389.0	403.8	377.6	28.8-32.4	85.58	676.3	73.87
36.0	241.2	268.0	279.3	246.8	32.4-36.0	65.68	742.0	81.04
39.6	149.9	160.0	178.1	146.5	36.0-39.6	45.77	787.7	86.04
43.2	91.21	94.91	104.6	87.76	39.6-43.2	29.86	817.6	89.30
46.8	60.58	56.39	65.14	53.44	43.2-46.8	19.57	837.2	91.44
50.4	45.73	41.87	48.52	41.84	46.8-50.4	14.82	852.0	93.05
54.0	36.51	32.31	39.73	32.82	50.4-54.0	12.23	864.2	94.39
57.6	29.74	26.19	32.88	27.69	54.0-57.6	10.38	874.6	95.52
61.2	25.09	22.96	28.62	24.83	57.6-61.2	9.136	883.7	96.52
64.8	22.02	19.82	25.57	21.67	61.2-64.8	8.232	892.0	97.42
68.4	18.63	15.89	22.54	17.64	64.8-68.4	7.196	899.2	98.21
72.0	14.64	11.21	19.04	12.84	68.4-72.0	5.829	905.0	98.84
75.6	10.21	5.950	14.43	8.130	72.0-75.6	3.311	908.3	99.21
79.2	5.710	3.350	10.22	5.600	75.6-79.2	3.046	911.3	99.54
82.8	3.390	1.920	7.190	4.340	79.2-82.8	1.918	913.3	99.75
86.4	2.040	1.450	5.000	3.690	82.8-86.4	1.284	914.6	99.89
90.0	0.960	1.260	4.440	3.380	86.4-90.0	1.026	915.6	100.00
Unit: $^{\circ}$	Intensity Unit: cd				Unit: lm			

