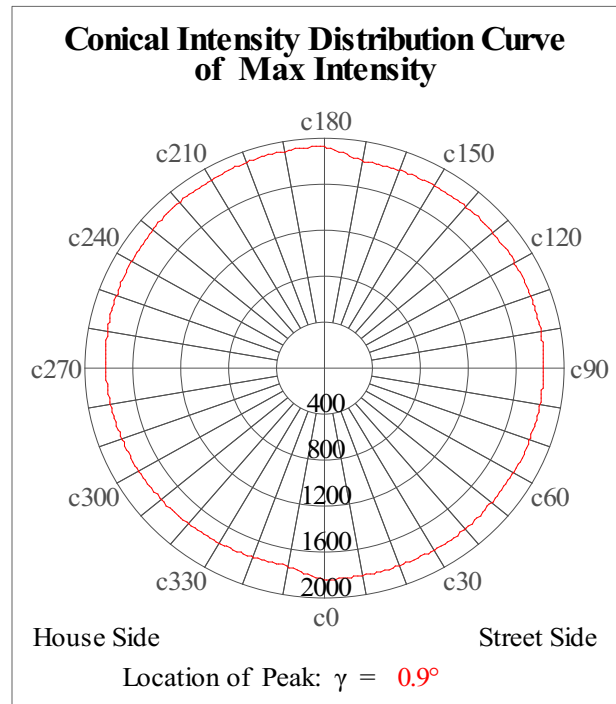
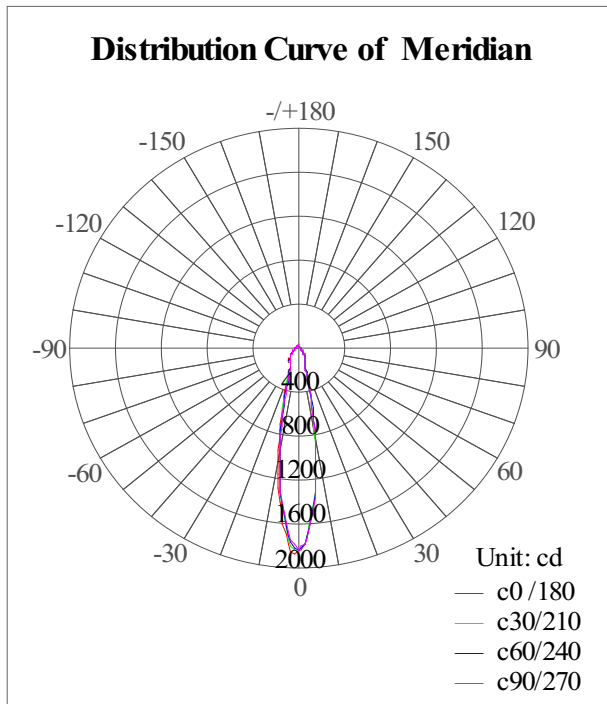


Photometric Data of Lamp

Lamp Description		
Lamp Name: B0104-02-24	Lamp Size:	Lamp Weight:
Lamp Type: 射灯	Rated Voltage: 220 V	Rated Power: 5 W
Light Type: COB	Light Number: 1	Rated Flux:
Light Standard: 14-14-11	Light Area:	Light Flux:

Measured Data of Lamp			
Voltage: 215.9 V	Current: 0.046 A	Power: 4.7 W	Power Factor: 0.471
Total Flux	392.40 lm	Central Intensity	1920.17 cd
Lamp Efficiency	0.00%	Light Efficiency	83.49 lm/W
Peak Intensity	1959.47 cd	Location of Peak(c, γ)	(180.0°, 0.9°)
Half-Intensity Angle	20.7°	BeamAngle	41.4°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	191.65 lm
Upward House Side	0	Downward House Side	200.91 lm
Flash Area(76°)	0 cm ²	Discomfort Glare(SLI)	0

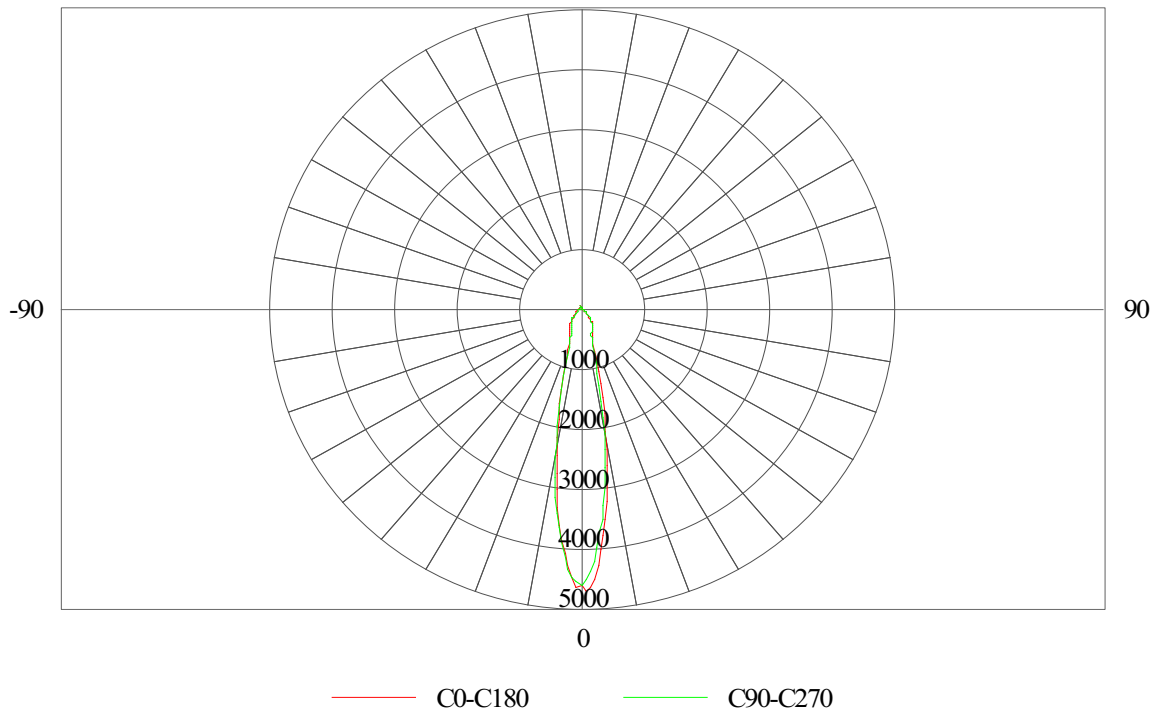


c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

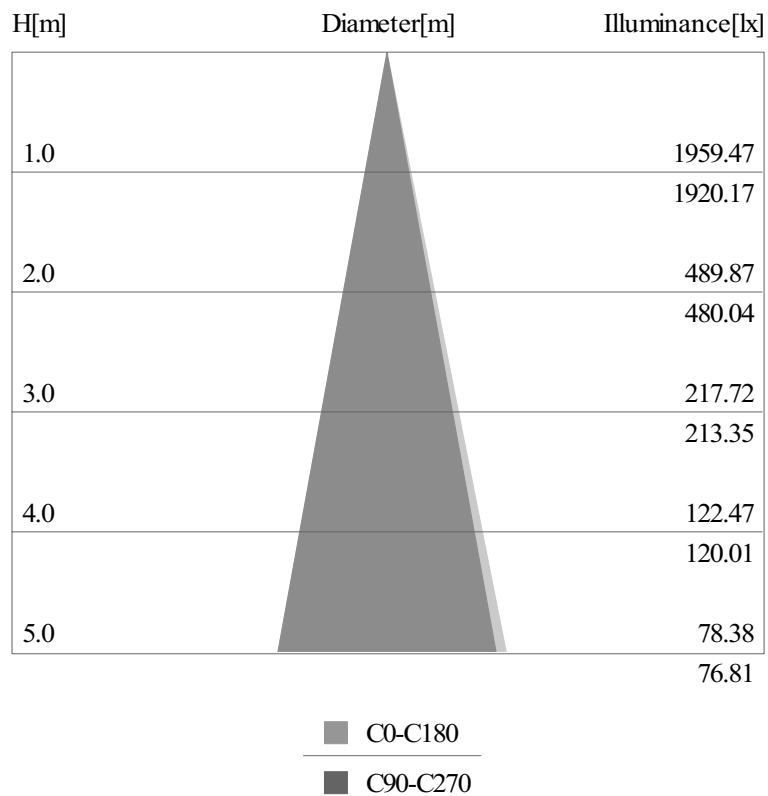
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-01-25
 Test Time: 08-51-24

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

cd/1000 lm Curve

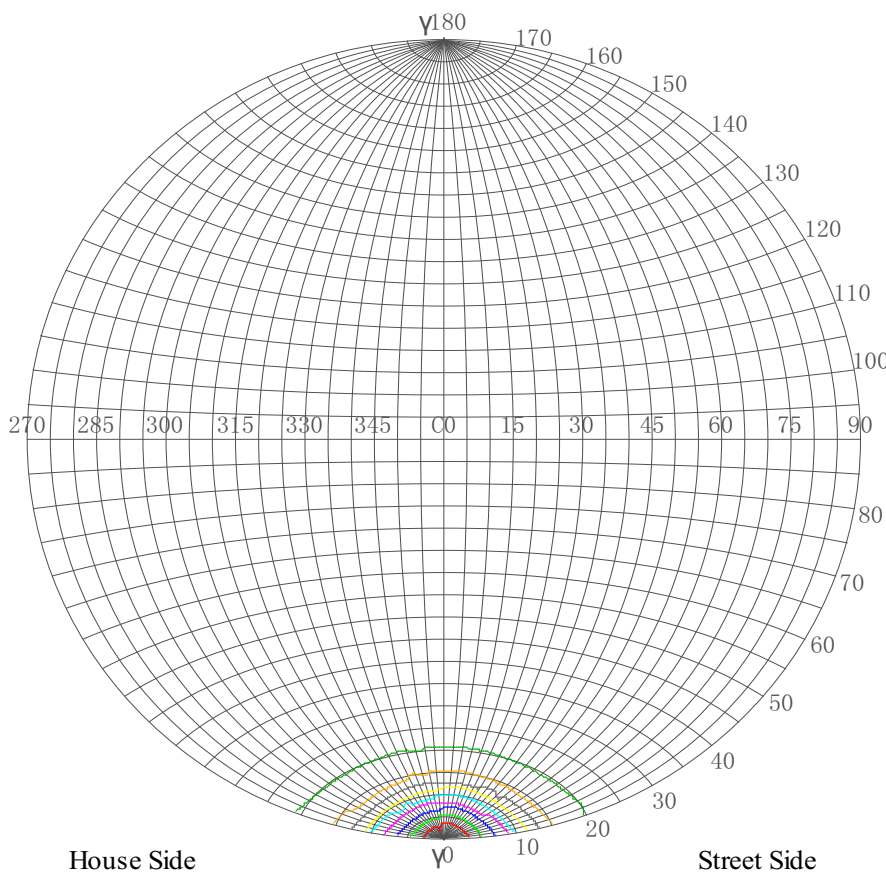


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: B0104-02-24	Lamp Size:	Lamp Weight:
Lamp Type: 射灯	Rated Voltage: 220 V	Rated Power: 5 W
Light Type: COB	Light Number: 1	Rated Flux:
Light Standard: 14-14-11	Light Area:	Light Flux:



Road Lamp Type

CIE: cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: V-very short
 Max. At80: 3.67cd/klm
 Max. At90: 0.6371cd/klm

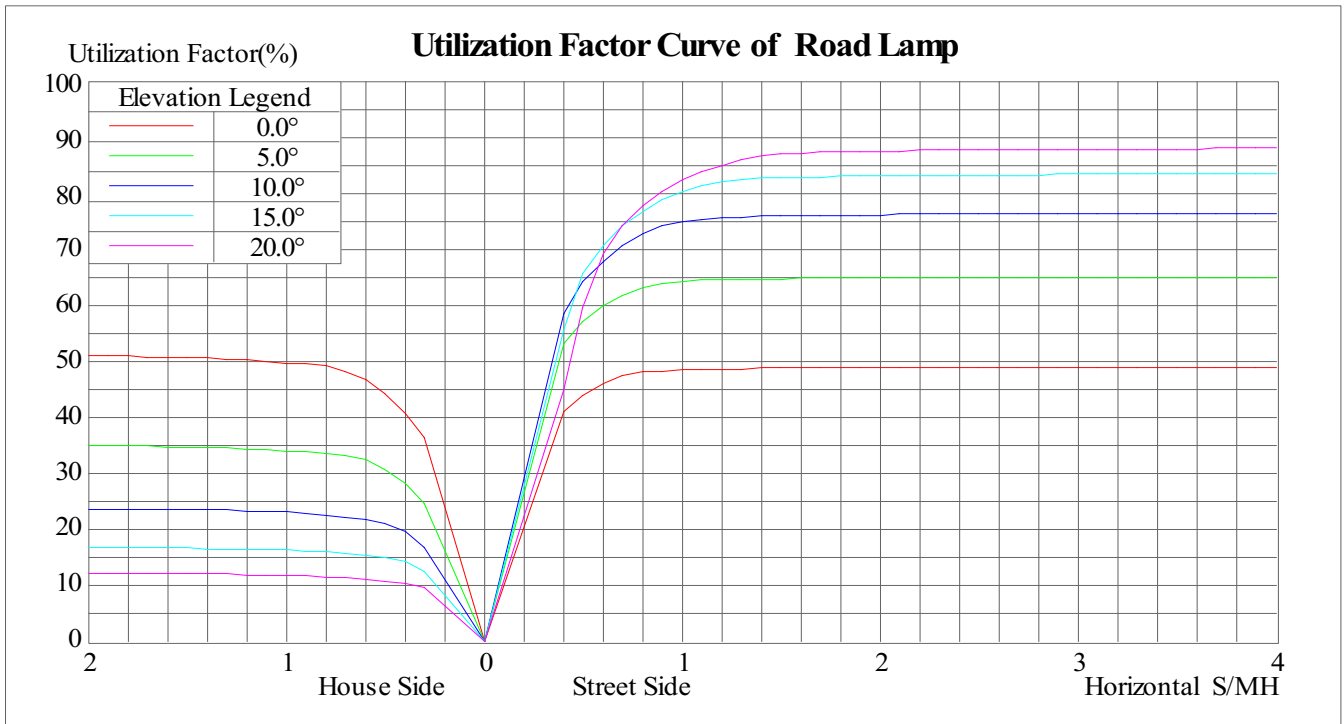
Isocandela Curve(Round Net)		
Intensity Unit		cd
Imax = 100%		1960
— 90%		1764
— 80%		1568
— 70%		1372
— 60%		1176
— 50%		980
— 40%		784
— 30%		588
— 20%		392
— 10%		196

c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

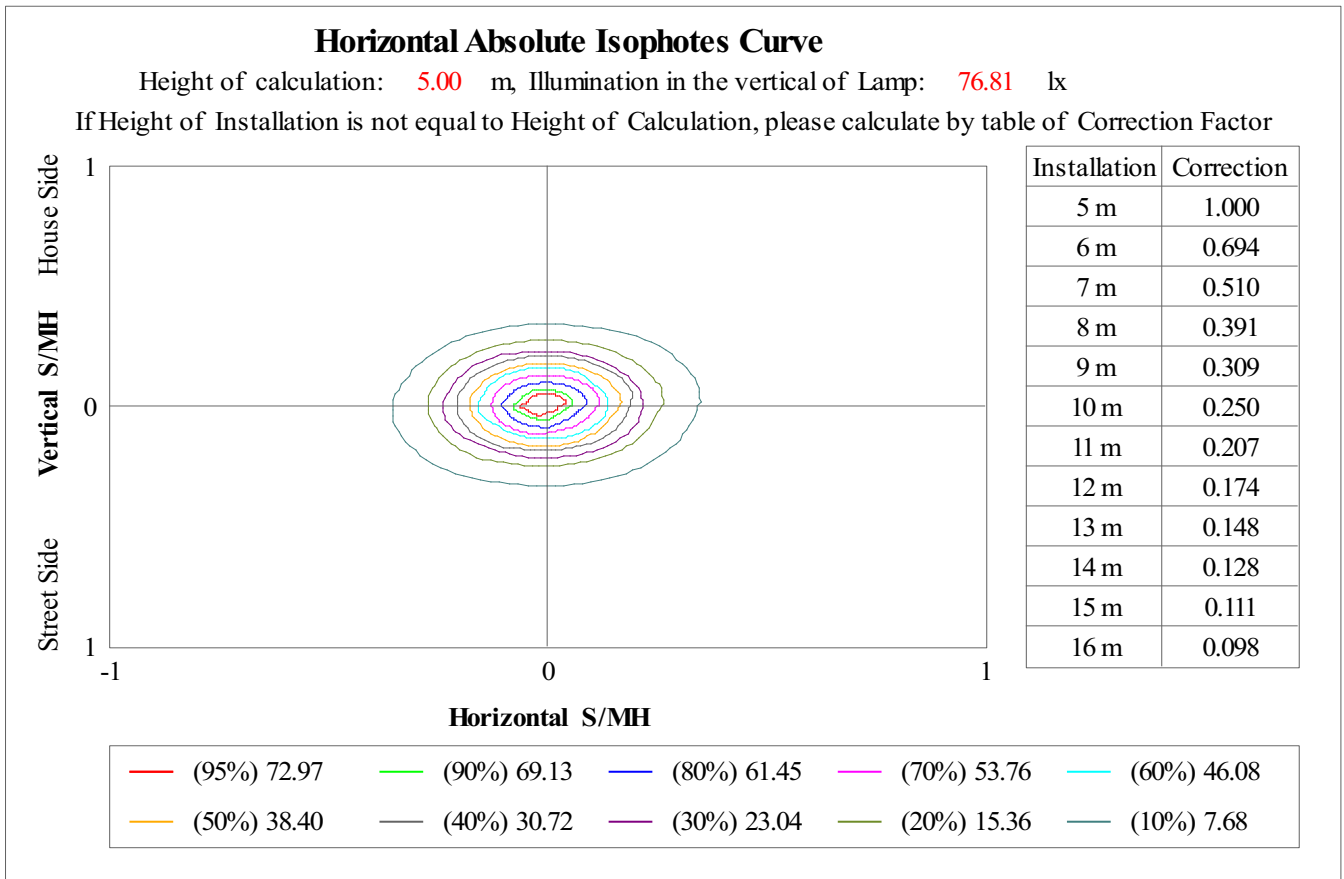
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-01-25
 Test Time: 08-51-24

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

Lamp Utilization Factor Curve



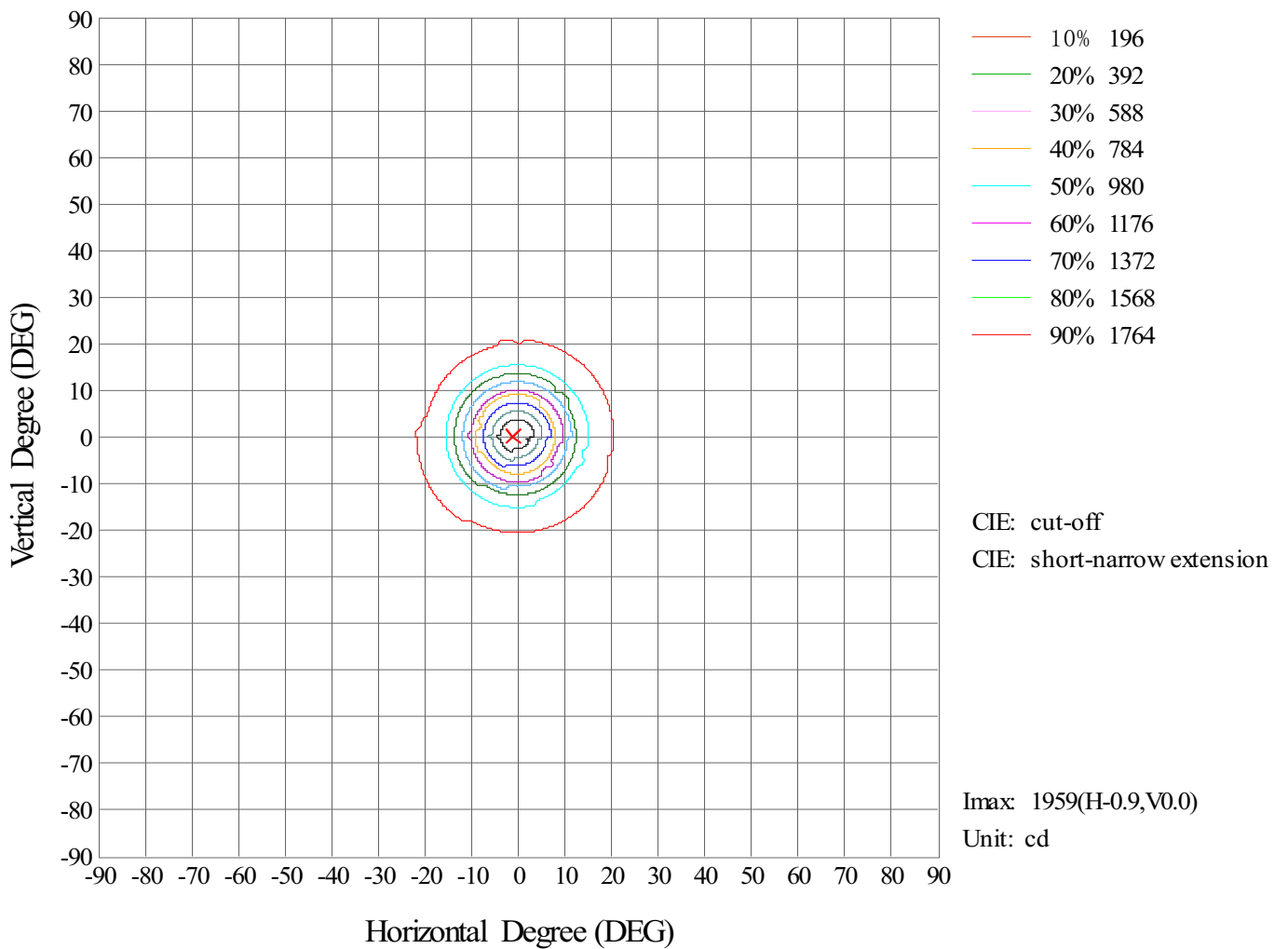
Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: B0104-02-24	Lamp Size:	Lamp Weight:
Lamp Type: 射灯	Rated Voltage: 220 V	Rated Power: 5 W
Light Type: COB	Light Number: 1	Rated Flux:
Light Standard: 14-14-11	Light Area:	Light Flux:

Isocandela Curve(CIE)



c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

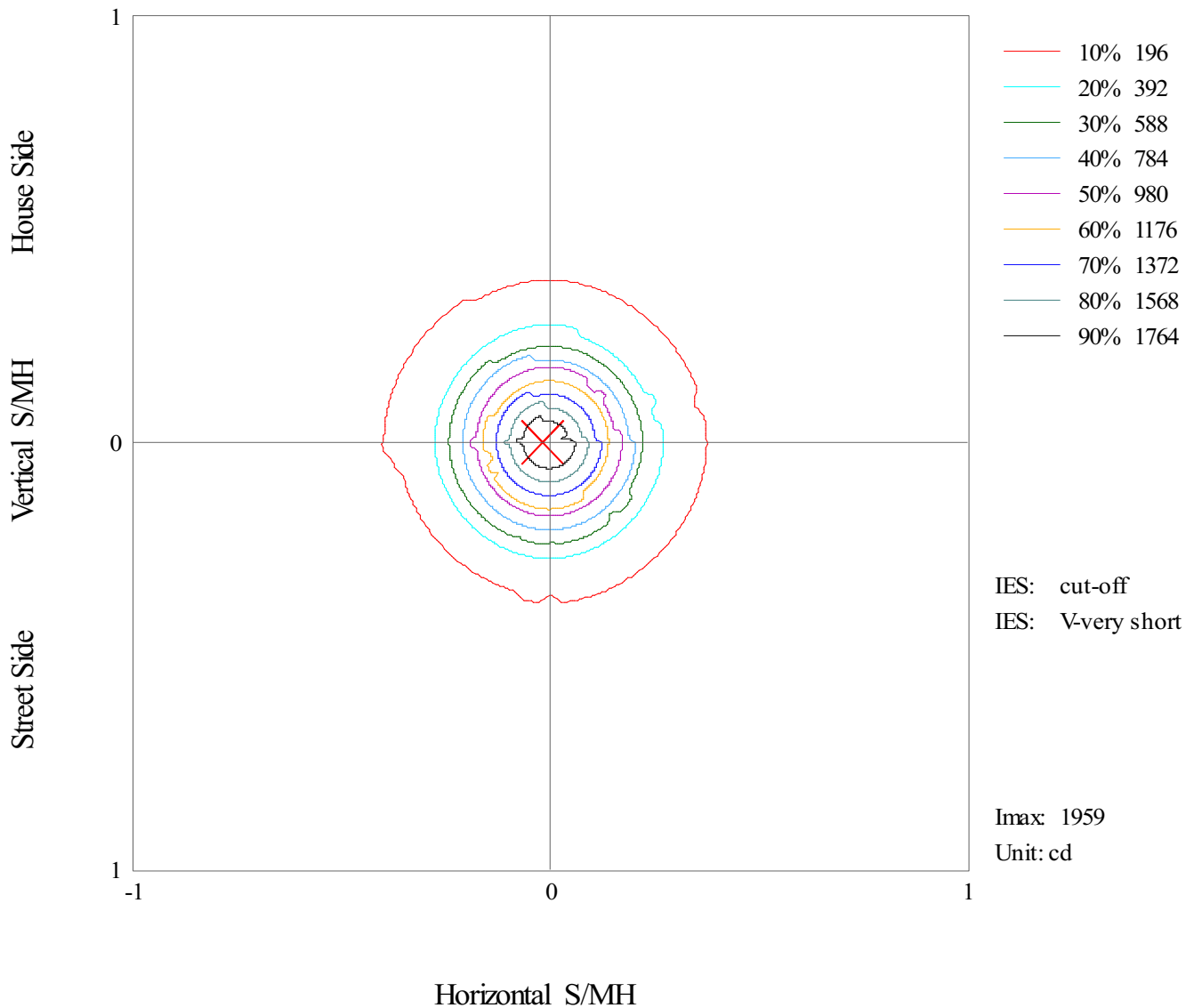
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-01-25
 Test Time: 08-51-24

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: B0104-02-24	Lamp Size:	Lamp Weight:
Lamp Type: 射灯	Rated Voltage: 220 V	Rated Power: 5 W
Light Type: COB	Light Number: 1	Rated Flux:
Light Standard: 14-14-11	Light Area:	Light Flux:

Isocandela Curve(IES)



c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-01-25
 Test Time: 08-51-24

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

Lamp Ring with Flux

Lamp Description		
Lamp Name: B0104-02-24	Lamp Size:	Lamp Weight:
Lamp Type: 射灯	Rated Voltage: 220 V	Rated Power: 5 W
Light Type: COB	Light Number: 1	Rated Flux:
Light Standard: 14-14-11	Light Area:	Light Flux:

γ	C0	C90	C180	C270	$\gamma(^{\circ})$	$\Phi(\text{Ring})$	$\Phi(\text{Total})$	%
3.6	1701	1724	1776	1659	0.0-3.6	22.23	22.23	5.66
7.2	1265	1325	1352	1252	3.6-7.2	54.61	76.83	19.57
10.8	788.4	835.2	874.0	781.1	7.2-10.8	63.29	140.1	35.70
14.4	409.5	415.3	453.6	397.0	10.8-14.4	50.51	190.6	48.56
18.0	236.6	225.5	246.2	226.1	14.4-18.0	33.03	223.7	56.98
21.6	188.0	178.8	196.2	186.6	18.0-21.6	33.81	257.5	65.59
25.2	166.2	157.8	176.1	168.7	21.6-25.2	27.62	285.1	72.63
28.8	149.8	141.0	159.0	154.3	25.2-28.8	28.31	313.4	79.84
32.4	126.4	118.7	137.1	130.6	28.8-32.4	27.49	340.9	86.84
36.0	75.02	66.91	90.67	77.77	32.4-36.0	20.62	361.5	92.09
39.6	22.95	19.58	38.42	29.23	36.0-39.6	9.598	371.1	94.54
43.2	8.010	7.800	17.77	16.19	39.6-43.2	3.698	374.8	95.48
46.8	6.750	6.390	14.89	13.97	43.2-46.8	3.016	377.8	96.25
50.4	6.640	6.100	13.70	12.79	46.8-50.4	2.911	380.7	96.99
54.0	6.280	5.710	12.49	11.54	50.4-54.0	2.836	383.6	97.71
57.6	5.240	4.890	11.15	9.730	54.0-57.6	2.605	386.2	98.37
61.2	3.520	3.480	8.610	7.450	57.6-61.2	2.090	388.3	98.91
64.8	2.240	2.140	6.370	5.580	61.2-64.8	1.540	389.8	99.30
68.4	1.050	1.090	4.450	3.960	64.8-68.4	1.062	390.9	99.57
72.0	0.450	0.320	3.070	2.740	68.4-72.0	0.686	391.6	99.74
75.6	0.140	0.00	2.310	2.070	72.0-75.6	0.359	391.9	99.84
79.2	0.00	0.00	1.560	1.310	75.6-79.2	0.334	392.2	99.92
82.8	0.00	0.00	0.970	0.520	79.2-82.8	0.204	392.4	99.97
86.4	0.00	0.00	0.420	0.190	82.8-86.4	0.089	392.5	100.00
90.0	0.00	0.00	-0.14	-0.13	86.4-90.0	0.020	392.6	100.00
Unit: $^{\circ}$	Intensity Unit: cd					Unit: lm		

