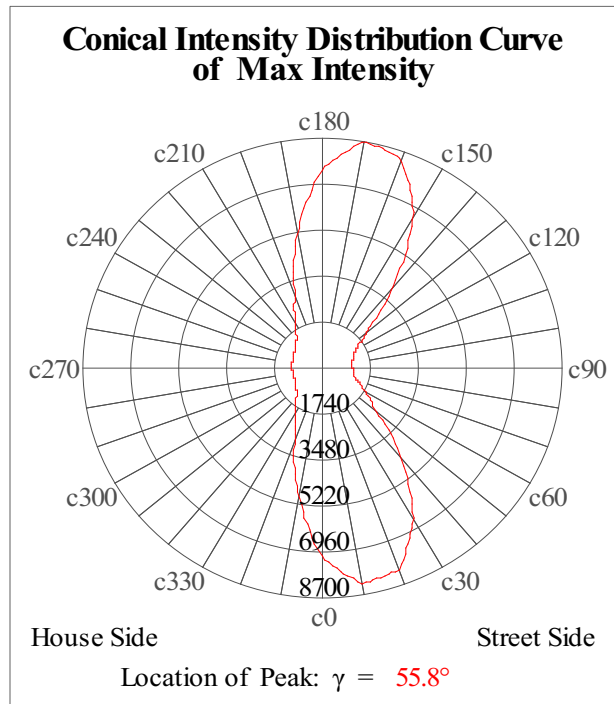
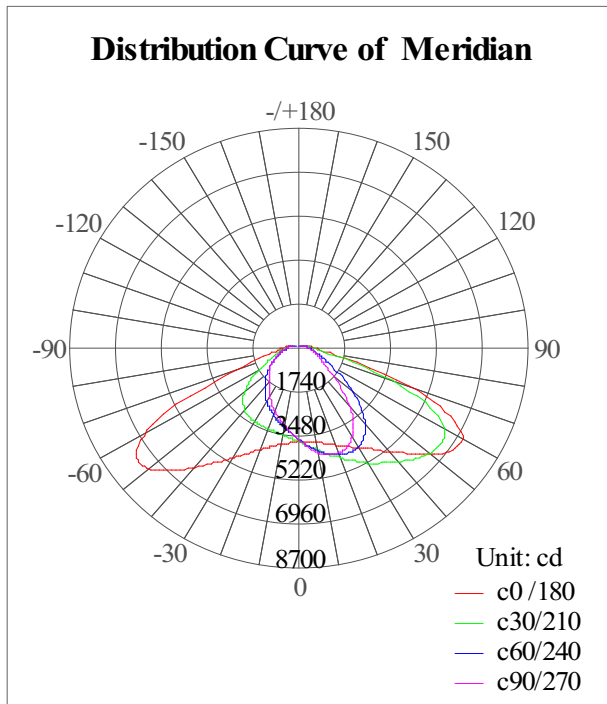


Photometric Data of Lamp

Lamp Description		
Lamp Name: LD	Lamp Size: 54.2cm×32cm×8.8cm	Lamp Weight:
Lamp Type: LD-S1-100W	Rated Voltage: 230 V	Rated Power: 100 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 30cm×15cm	Light Flux:

Measured Data of Lamp			
Voltage: 229.2 V	Current: 0.486 A	Power: 101.6 W	Power Factor: 0.912
Total Flux	14844.70 lm	Central Intensity	3780.06 cd
Lamp Efficiency	0.00%	Light Efficiency	146.11 lm/W
Peak Intensity	8653.71 cd	Location of Peak(c,γ)	(170.0°, 55.8°)
Half-Intensity Angle	127.8°	BeamAngle	150.3°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	9418.56 lm
Upward House Side	0	Downward House Side	5426.26 lm
Flash Area(76°)	437 cm ²	Discomfort Glare(SLI)	0



c Range: 0度-360度

c Interval: 10度

Test Speed: 快速

Test Distance: 5.0 m

Note: notes

 γ Range: 0度-90度

 γ Interval: 0.9度

Test Date: 2018-01-19

Test Time: 11-34-45

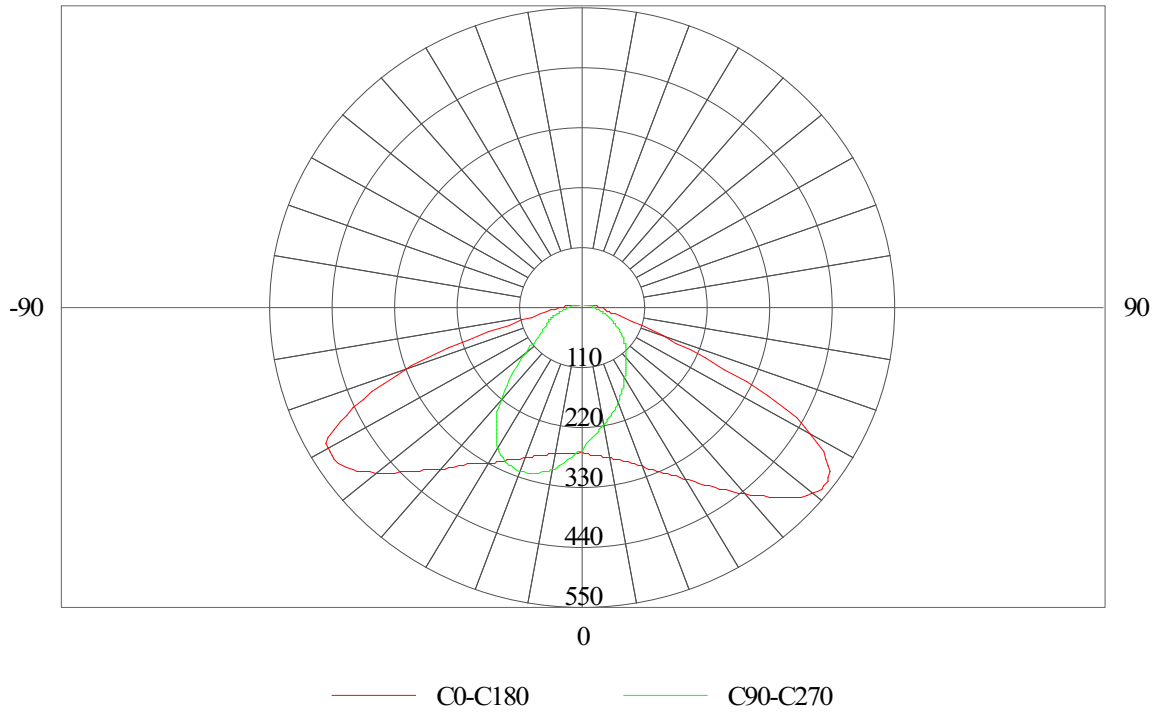
Temperature: 25°C

Humidity: 65%

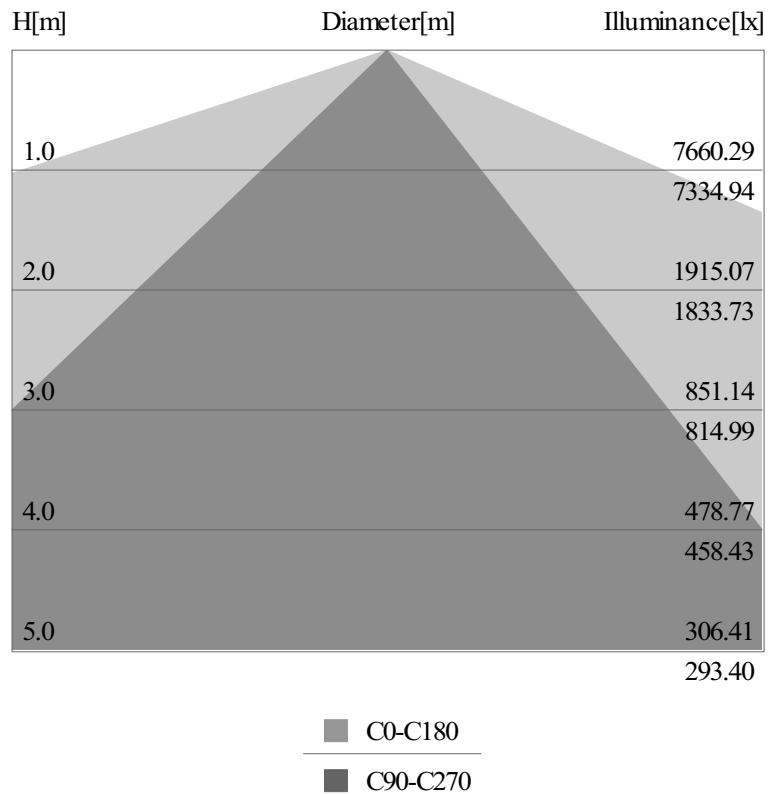
Test No.:

Tester: 0035

cd/1000 lm Curve

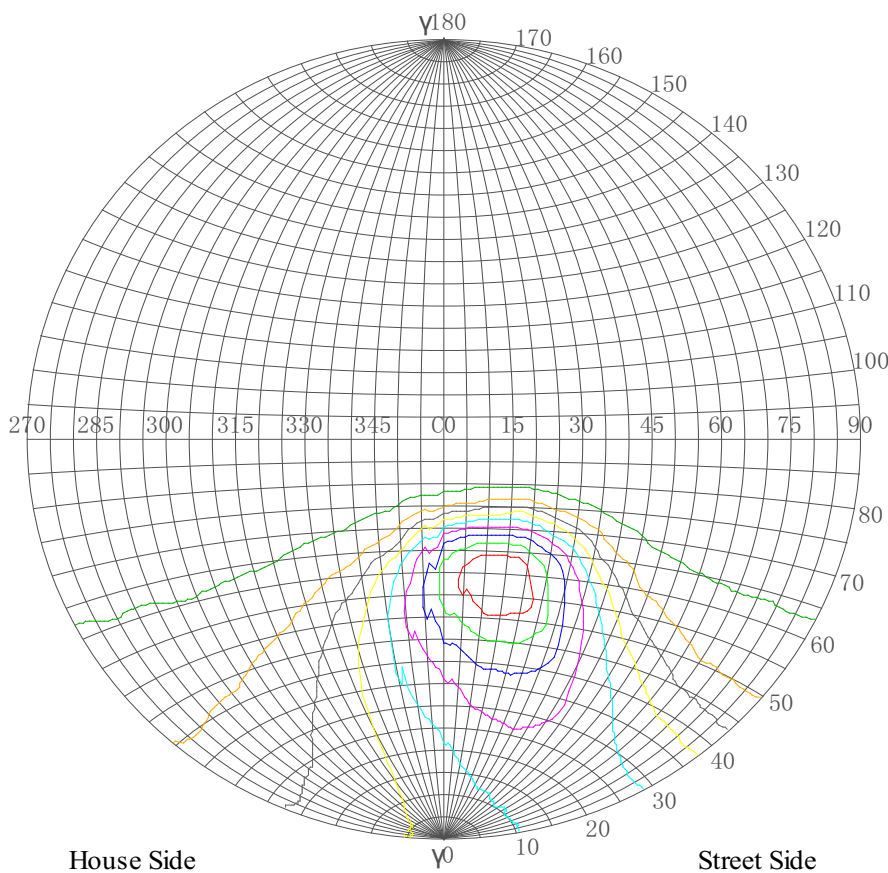


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: LD	Lamp Size: 54.2cm×32cm×8.8cm	Lamp Weight:
Lamp Type: LD-S1-100W	Rated Voltage: 230 V	Rated Power: 100 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 30cm×15cm	Light Flux:



Road Lamp Type

CIE: semi-cut-off

CIE: short-average extension

IES: cut-off

IES: II-short

Max. At80: 46.06cd/klm

Max. At90: 15.4836cd/klm

Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	8654
— 90%	7789
— 80%	6923
— 70%	6058
— 60%	5193
— 50%	4327
— 40%	3462
— 30%	2597
— 20%	1731
— 10%	866

c Range: 0度-360度

c Interval: 10度

Test Speed: 快速

Test Distance: 5.0 m

Note: notes

γ Range: 0度-90度

γ Interval: 0.9度

Test Date: 2018-01-19

Test Time: 11-34-45

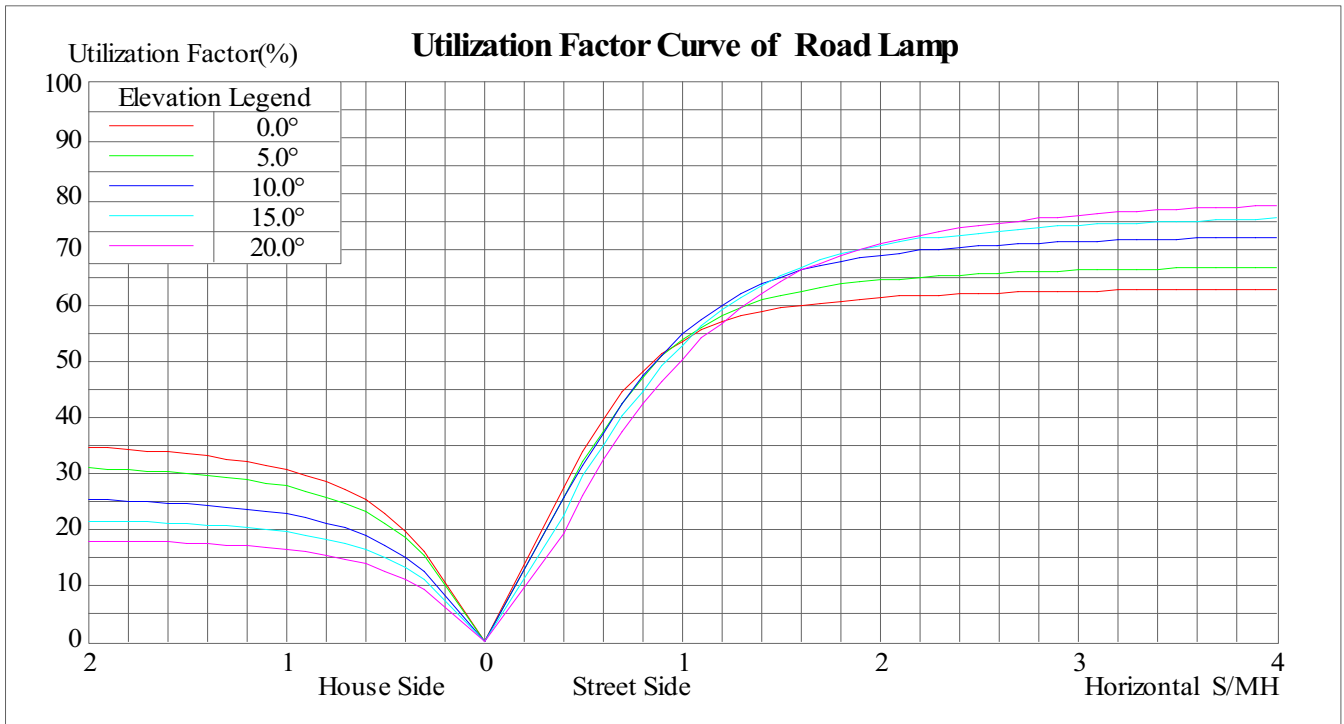
Temperature: 25°C

Humidity: 65%

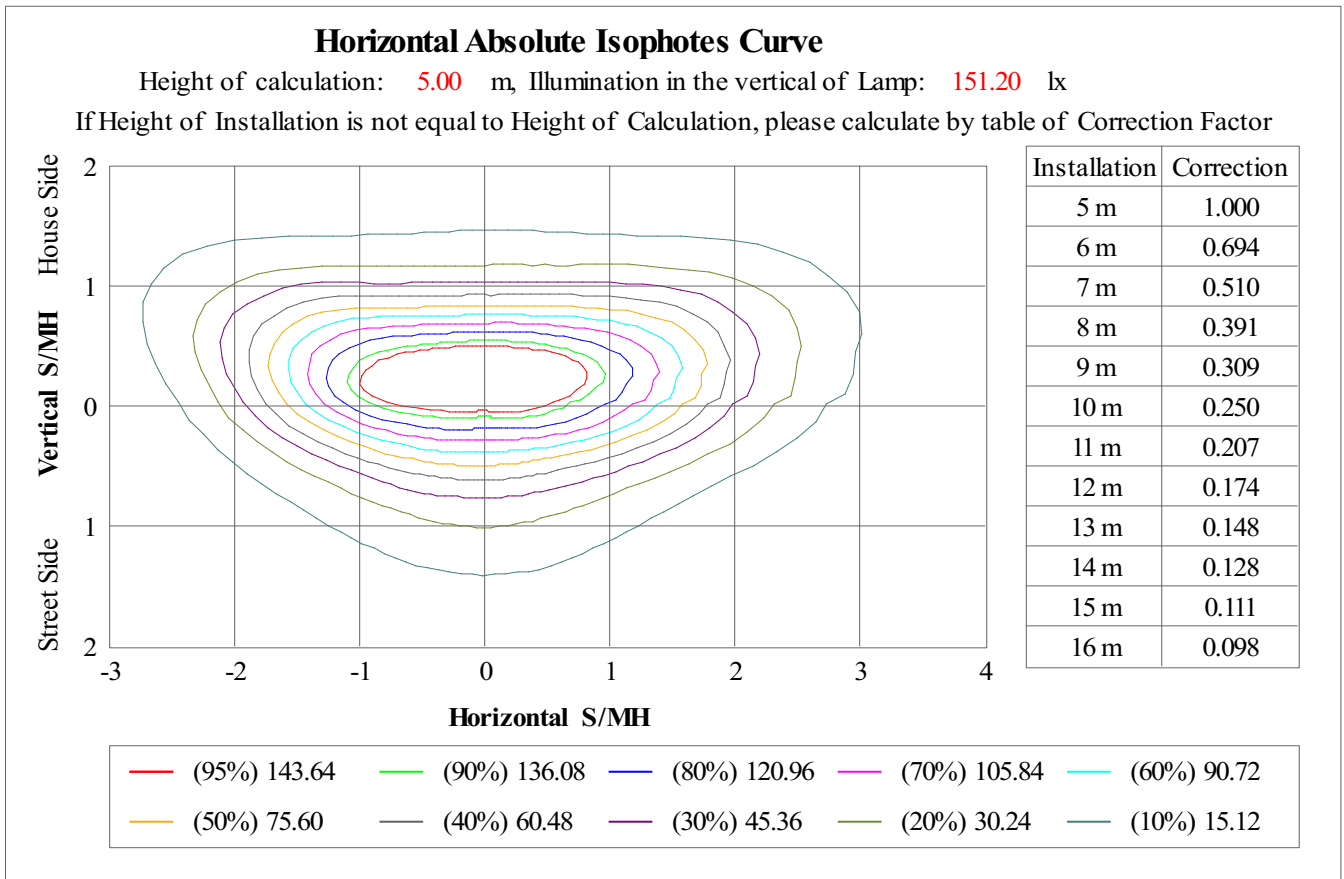
Test No.:

Tester: 0035

Lamp Utilization Factor Curve



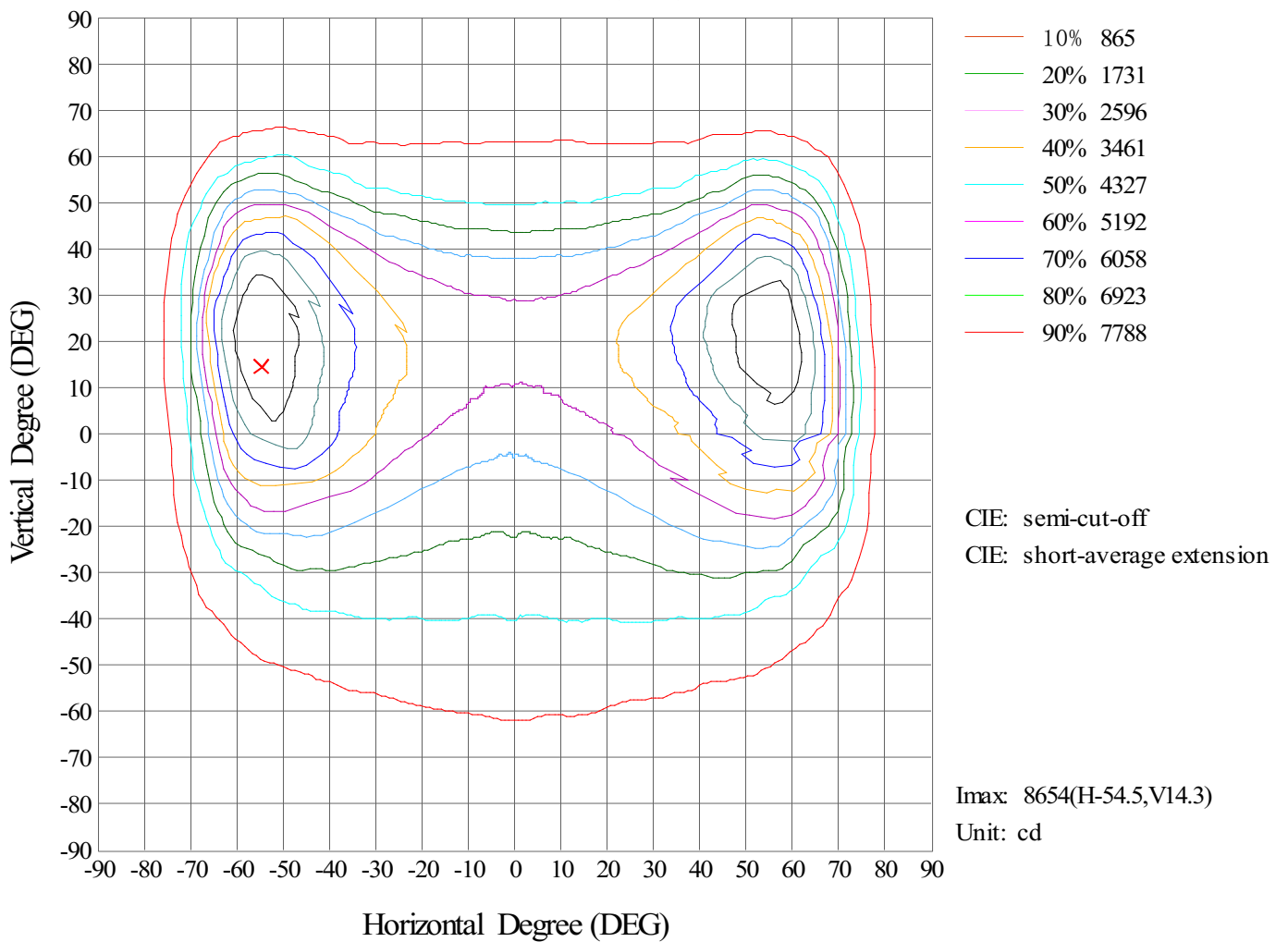
Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: LD	Lamp Size: 54.2cm×32cm×8.8cm	Lamp Weight:
Lamp Type: LD-S1-100W	Rated Voltage: 230 V	Rated Power: 100 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 30cm×15cm	Light Flux:

Isocandela Curve(CIE)



c Range: 0度-360度

c Interval: 10度

Test Speed: 快速

Test Distance: 5.0 m

Note: notes

γ Range: 0度-90度

γ Interval: 0.9度

Test Date: 2018-01-19

Test Time: 11-34-45

Temperature: 25°C

Humidity: 65%

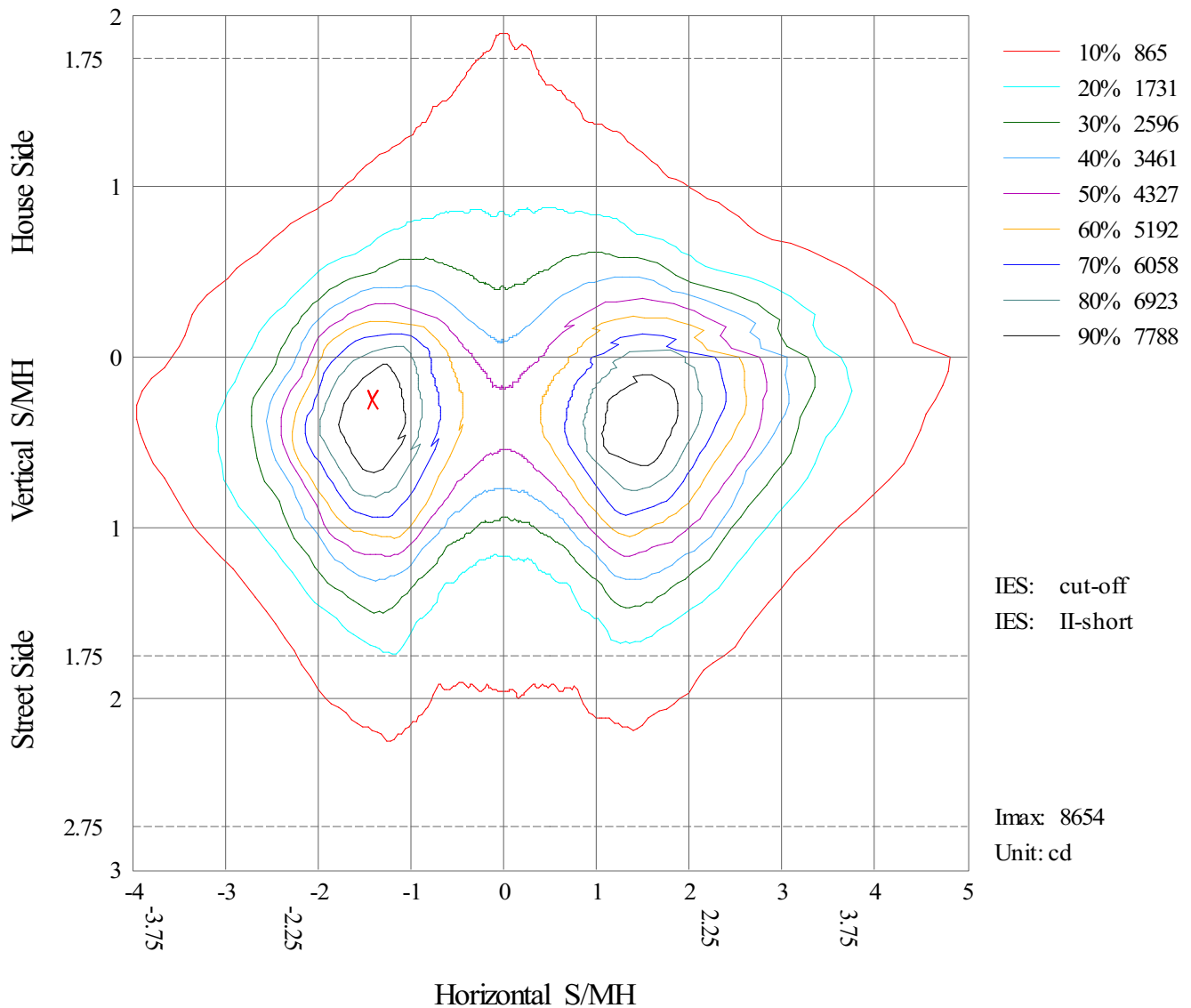
Test No.:

Tester: 0035

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: LD	Lamp Size: 54.2cm×32cm×8.8cm	Lamp Weight:
Lamp Type: LD-S1-100W	Rated Voltage: 230 V	Rated Power: 100 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 30cm×15cm	Light Flux:

Isocandela Curve(IES)



c Range: 0度-360度

c Interval: 10度

Test Speed: 快速

Test Distance: 5.0 m

Note: notes

 γ Range: 0度-90度

 γ Interval: 0.9度

Test Date: 2018-01-19

Test Time: 11-34-45

Temperature: 25°C

Humidity: 65%

Test No.:

Tester: 0035

Lamp Ring with Flux

Lamp Description		
Lamp Name: LD	Lamp Size: 54.2cm×32cm×8.8cm	Lamp Weight:
Lamp Type: LD-S1-100W	Rated Voltage: 230 V	Rated Power: 100 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 30cm×15cm	Light Flux:

γ	C0	C90	C180	C270	γ(°)	Φ(Ring)	Φ(Total)	%
3.6	3859	3956	3892	3518	0.0-3.6	46.96	46.96	0.32
7.2	3884	4189	3958	3316	3.6-7.2	141.5	188.4	1.27
10.8	3938	4377	4049	3139	7.2-10.8	237.4	425.8	2.87
14.4	4028	4500	4174	2953	10.8-14.4	334.3	760.1	5.12
18.0	4158	4561	4327	2784	14.4-18.0	431.8	1192	8.03
21.6	4302	4551	4568	2602	18.0-21.6	676.0	1868	12.58
25.2	4466	4467	4820	2414	21.6-25.2	647.5	2515	16.94
28.8	4688	4260	5105	2232	25.2-28.8	739.0	3254	21.92
32.4	4874	3932	5479	2045	28.8-32.4	823.5	4078	27.47
36.0	5175	3585	5886	1893	32.4-36.0	899.9	4978	33.53
39.6	5530	3059	6362	1733	36.0-39.6	966.1	5944	40.04
43.2	5894	2525	6815	1613	39.6-43.2	1021	6965	46.92
46.8	6368	1995	7294	1498	43.2-46.8	1062	8027	54.07
50.4	6816	1542	7604	1369	46.8-50.4	1083	9111	61.37
54.0	7177	1208	7599	1192	50.4-54.0	1080	10191	68.65
57.6	7335	1026	7110	1018	54.0-57.6	1045	11236	75.69
61.2	7149	906.9	6112	889.2	57.6-61.2	967.1	12203	82.20
64.8	6239	780.7	3936	757.5	61.2-64.8	831.3	13034	87.80
68.4	4943	639.1	2211	628.5	64.8-68.4	654.3	13688	92.21
72.0	2922	483.0	1137	473.8	68.4-72.0	459.6	14148	95.30
75.6	1266	372.2	732.5	372.4	72.0-75.6	225.1	14373	96.82
79.2	643.5	250.1	544.7	304.8	75.6-79.2	195.1	14568	98.14
82.8	395.9	177.1	394.7	246.4	79.2-82.8	132.0	14700	99.02
86.4	223.3	128.8	292.8	160.0	82.8-86.4	90.82	14791	99.64
90.0	99.71	48.09	201.3	82.63	86.4-90.0	54.00	14845	100.00
Unit: °	Intensity Unit: cd					Unit: lm		

