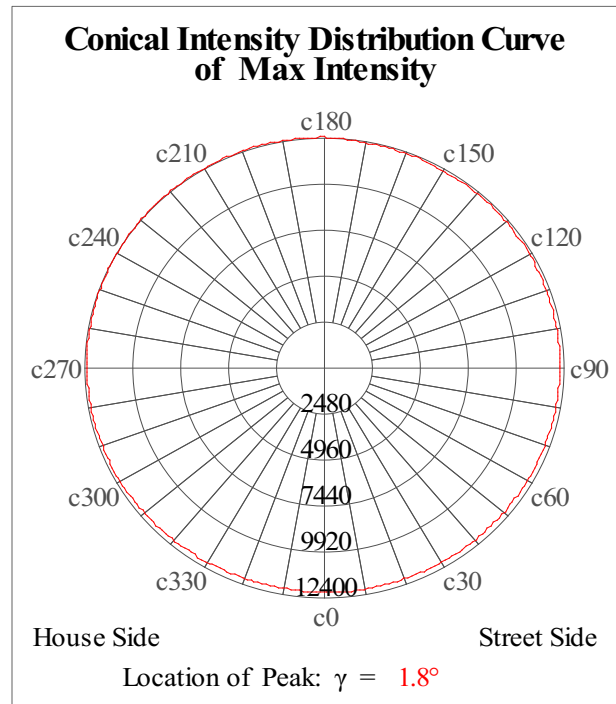
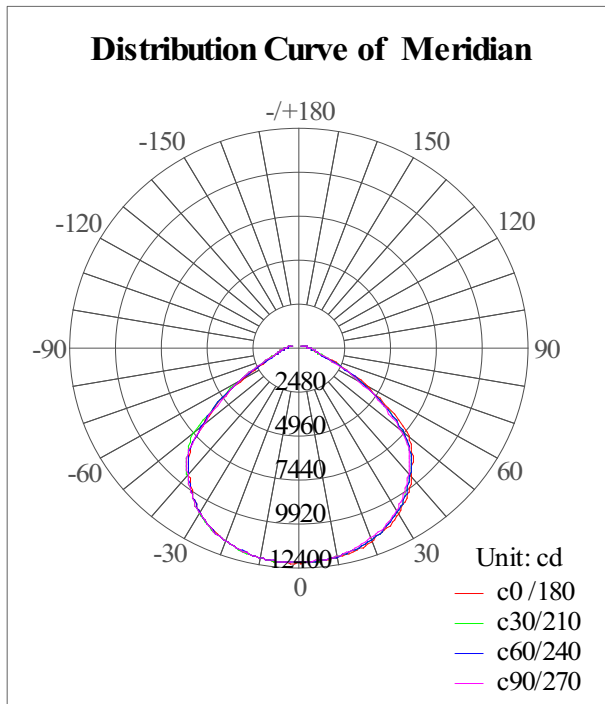


Photometric Data of Lamp

Lamp Description		
Lamp Name: HB	Lamp Size: 38cm×38cm×20cm	Lamp Weight:
Lamp Type: HB-S1-200W	Rated Voltage: 230 V	Rated Power: 200 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 32cm×32cm	Light Flux:

Measured Data of Lamp			
Voltage: 227 V	Current: 0.907 A	Power: 199.6 W	Power Factor: 0.969
Total Flux	29736.00 lm	Central Intensity	12291.47 cd
Lamp Efficiency	0.00%	Light Efficiency	148.98 lm/W
Peak Intensity	12339.57 cd	Location of Peak(c,γ)	(180.0°, 1.8°)
Half-Intensity Angle	103.5°	BeamAngle	134.1°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	15199.40 lm
Upward House Side	0	Downward House Side	14537.62 lm
Flash Area(76°)	994 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: 2017-11-25

Test Time: 10-56-48

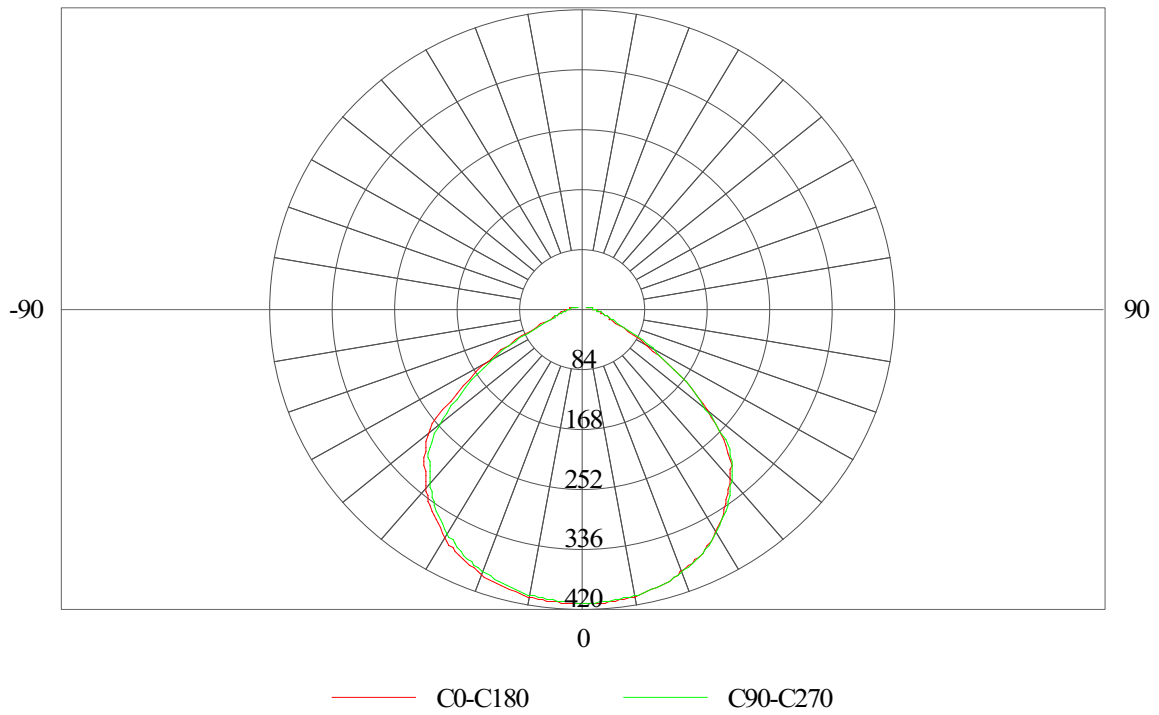
Temperature: 25°C

Humidity: 65%

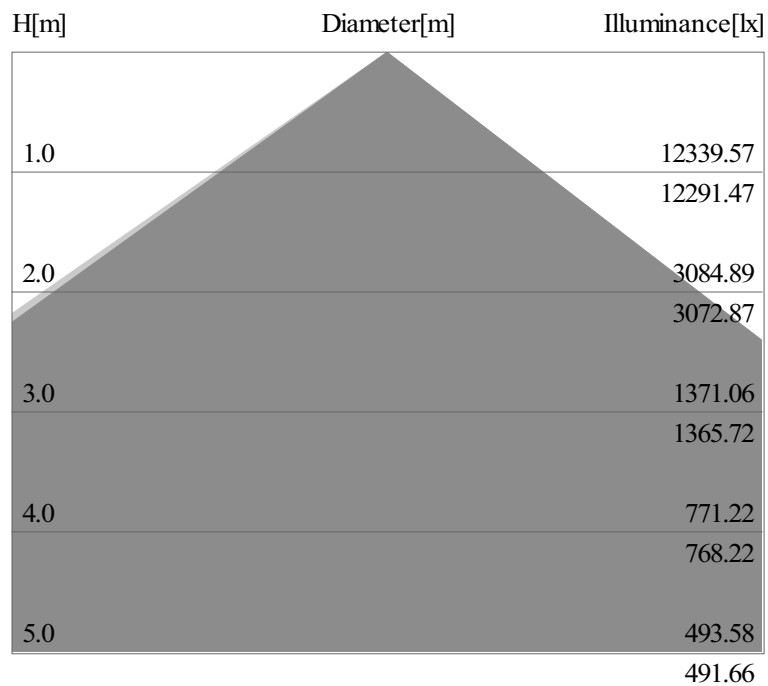
Test No.:

Tester: 0035

cd/1000 lm Curve



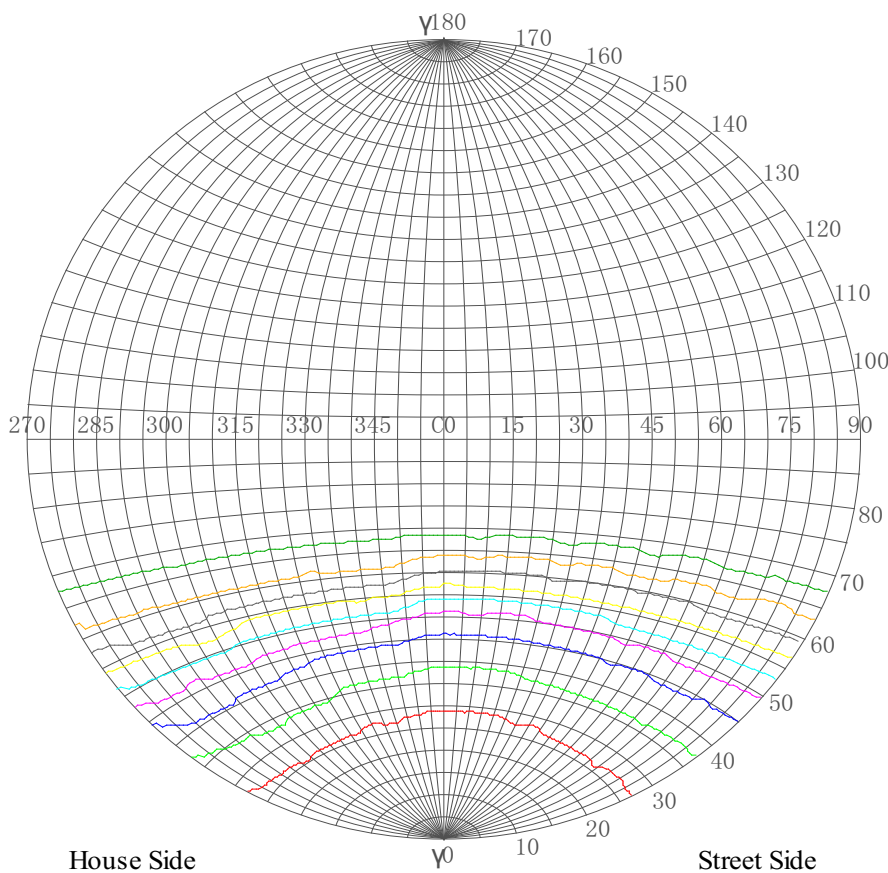
Illumination Cone Curve



■ C0-C180
■ C90-C270

Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: HB	Lamp Size: 38cm×38cm×20cm	Lamp Weight:
Lamp Type: HB-S1-200W	Rated Voltage: 230 V	Rated Power: 200 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 32cm×32cm	Light Flux:



Road Lamp Type

CIE: cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: II-very short
 Max. At80: 16.79cd/klm
 Max. At90: 8.6010cd/klm

Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	12340
— 90%	11106
— 80%	9872
— 70%	8638
— 60%	7404
— 50%	6170
— 40%	4936
— 30%	3702
— 20%	2468
— 10%	1234

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: 2017-11-25

Test Time: 10-56-48

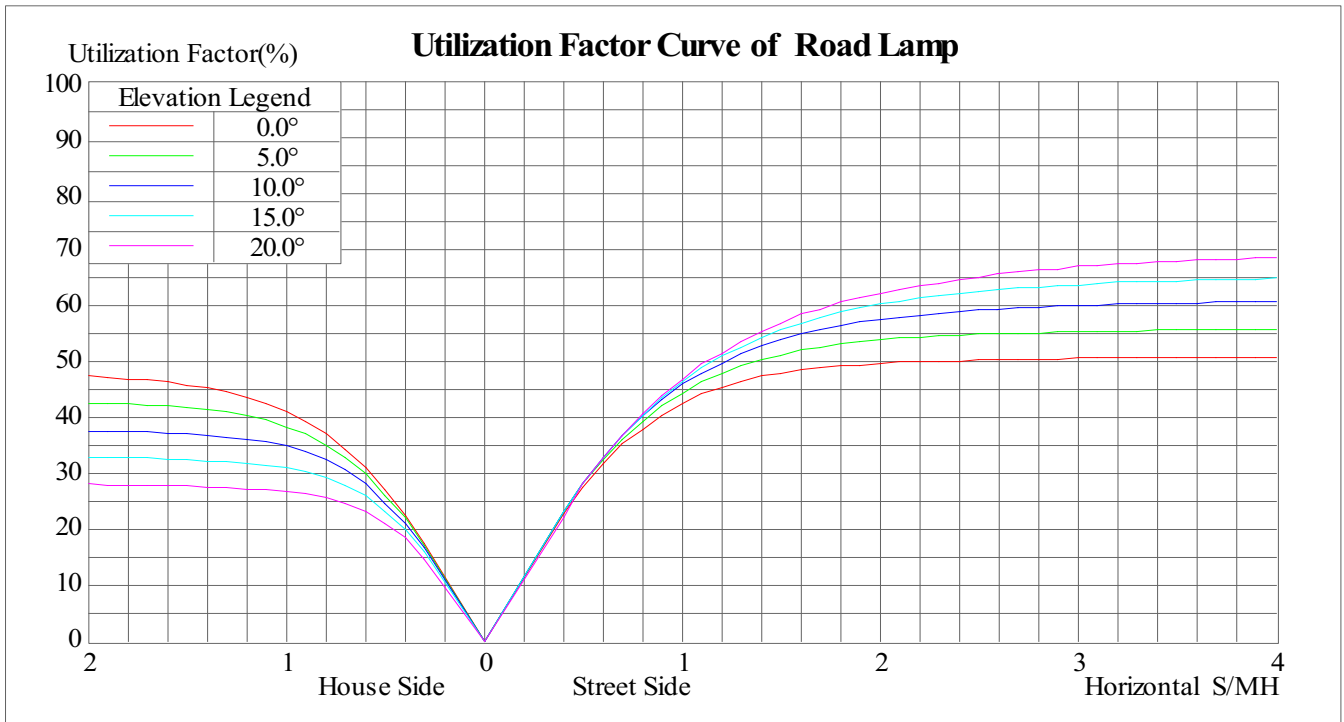
Temperature: 25°C

Humidity: 65%

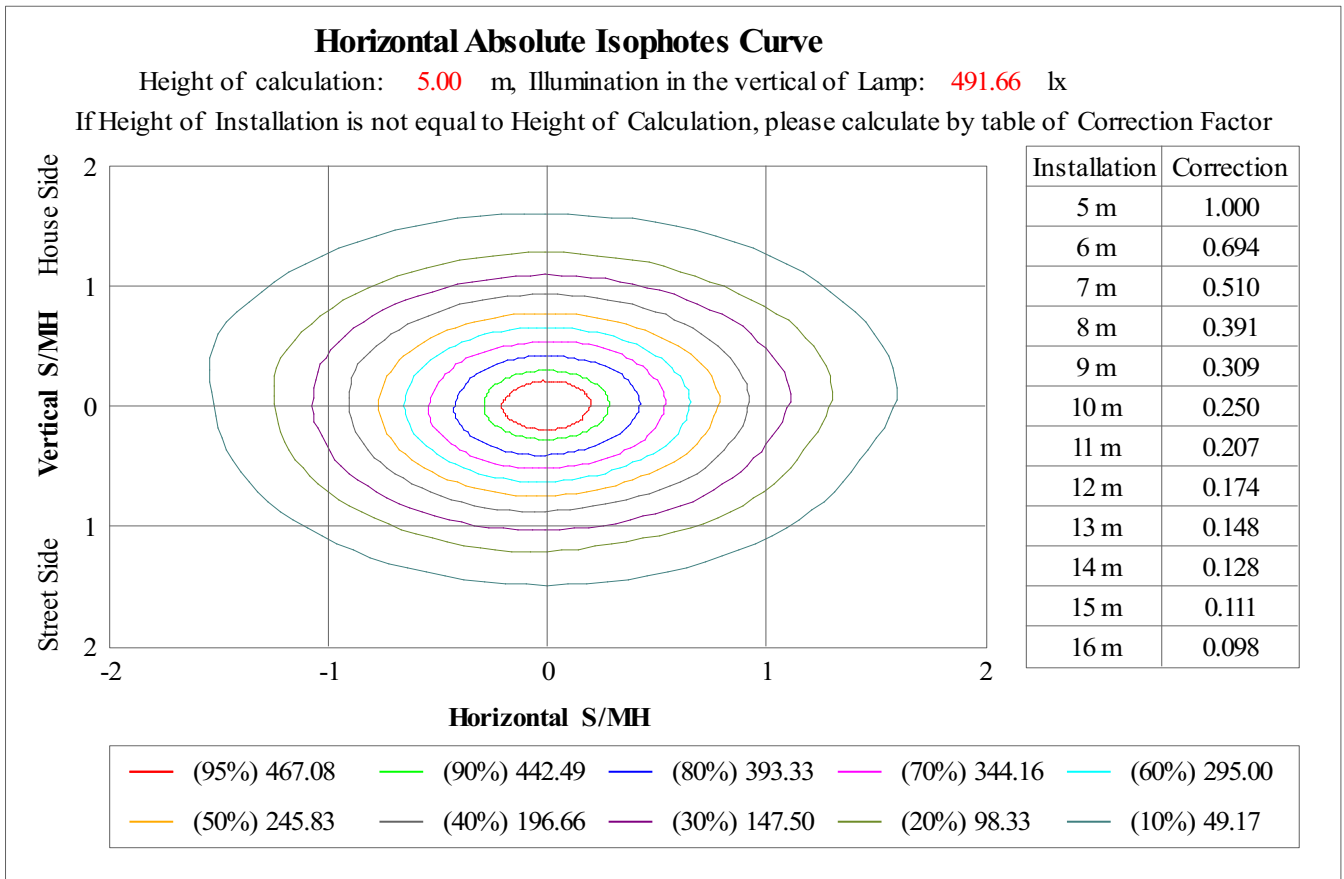
Test No.:

Tester: 0035

Lamp Utilization Factor Curve

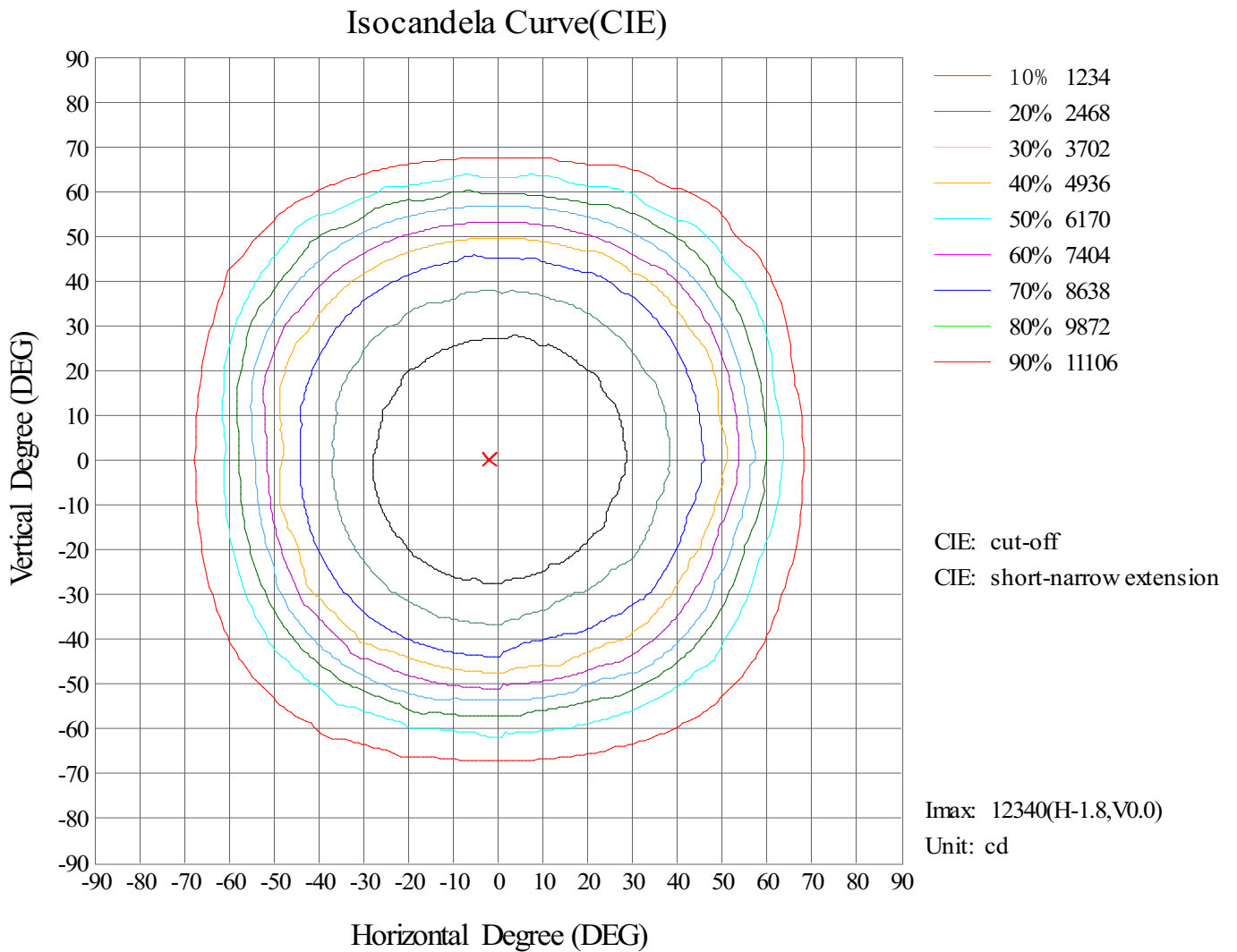


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: HB	Lamp Size: 38cm×38cm×20cm	Lamp Weight:
Lamp Type: HB-S1-200W	Rated Voltage: 230 V	Rated Power: 200 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 32cm×32cm	Light Flux:



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: 2017-11-25

Test Time: 10-56-48

Temperature: 25°C

Humidity: 65%

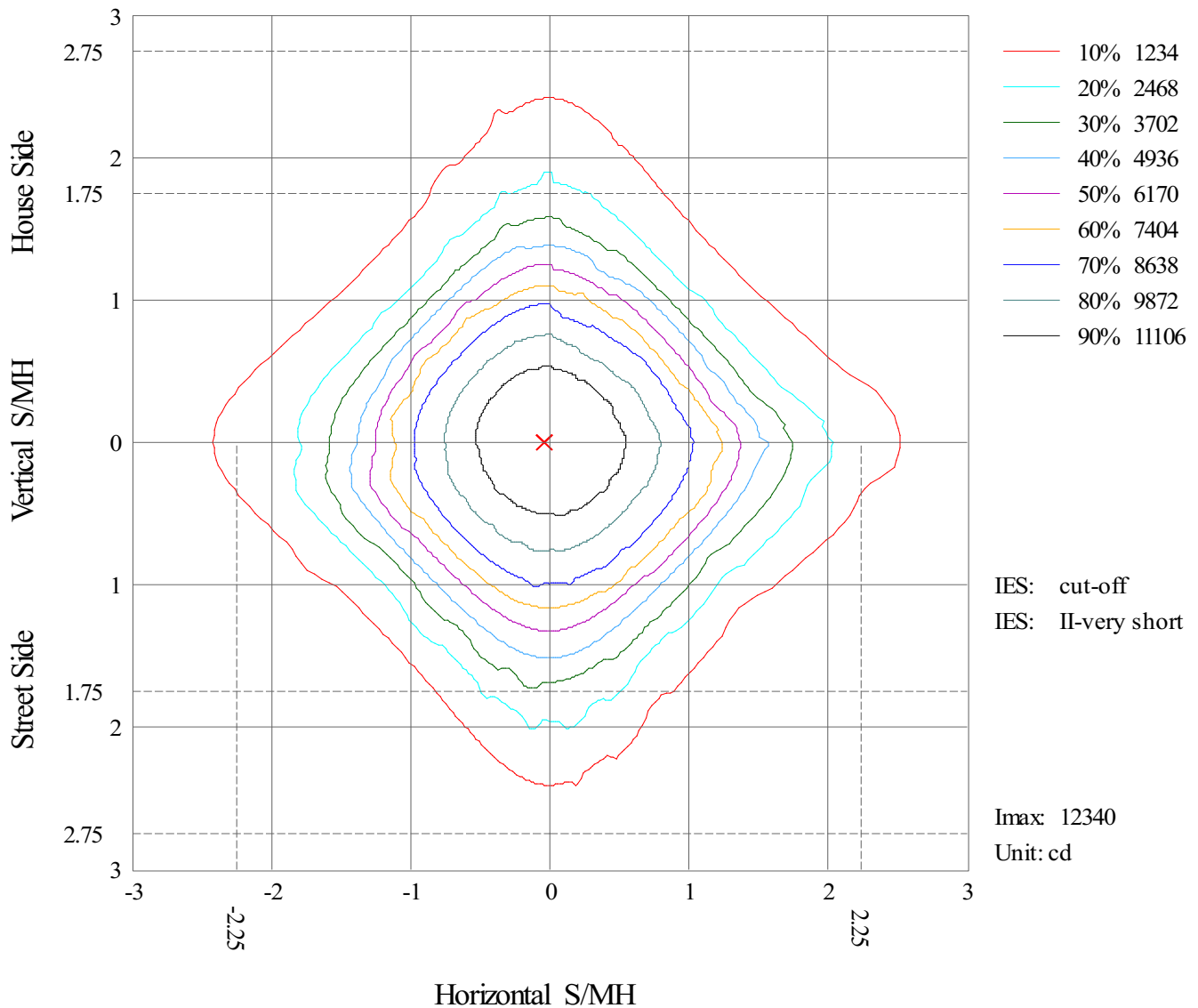
Test No.:

Tester: 0035

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: HB	Lamp Size: 38cm×38cm×20cm	Lamp Weight:
Lamp Type: HB-S1-200W	Rated Voltage: 230 V	Rated Power: 200 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 32cm×32cm	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: 2017-11-25

Test Time: 10-56-48

Temperature: 25°C

Humidity: 65%

Test No.:

Tester: 0035

Lamp Ring with Flux

Lamp Description		
Lamp Name: HB	Lamp Size: 38cm×38cm×20cm	Lamp Weight:
Lamp Type: HB-S1-200W	Rated Voltage: 230 V	Rated Power: 200 W
Light Type: LED	Light Number:	Rated Flux:
Light Standard:	Light Area: 32cm×32cm	Light Flux:

γ	C0	C90	C180	C270	γ(°)	Φ(Ring)	Φ(Total)	%
3.6	12317	12258	12328	12287	0.0-3.6	152.3	152.3	0.51
7.2	12270	12203	12274	12243	3.6-7.2	455.1	607.3	2.04
10.8	12184	12098	12185	12162	7.2-10.8	752.1	1359	4.57
14.4	12063	11958	12031	12034	10.8-14.4	1039	2398	8.07
18.0	11907	11758	11844	11841	14.4-18.0	1311	3710	12.47
21.6	11662	11536	11587	11615	18.0-21.6	1992	5702	19.17
25.2	11413	11218	11301	11314	21.6-25.2	1846	7548	25.38
28.8	11088	10888	10904	10959	25.2-28.8	2035	9583	32.23
32.4	10679	10465	10432	10490	28.8-32.4	2184	11767	39.57
36.0	10232	9993	9871	9958	32.4-36.0	2291	14058	47.27
39.6	9666	9426	9290	9399	36.0-39.6	2352	16410	55.18
43.2	9097	8823	8698	8763	39.6-43.2	2371	18781	63.16
46.8	8499	8128	7560	7607	43.2-46.8	2316	21096	70.94
50.4	7655	6899	6278	6203	46.8-50.4	2116	23213	78.06
54.0	6117	5650	4876	4859	50.4-54.0	1802	25015	84.12
57.6	4634	4273	3413	3584	54.0-57.6	1426	26441	88.92
61.2	3306	2997	2152	2505	57.6-61.2	1039	27479	92.41
64.8	2004	1783	1394	1477	61.2-64.8	678.5	28158	94.69
68.4	1189	1083	1124	1168	64.8-68.4	451.3	28609	96.21
72.0	875.4	833.2	851.9	895.9	68.4-72.0	349.1	28958	97.38
75.6	655.1	591.2	646.8	681.8	72.0-75.6	207.8	29166	98.08
79.2	471.1	419.3	477.0	498.6	75.6-79.2	213.7	29380	98.80
82.8	318.8	275.4	354.1	365.9	79.2-82.8	153.5	29533	99.31
86.4	233.7	204.6	287.1	286.7	82.8-86.4	113.4	29647	99.70
90.0	186.0	158.2	228.1	247.8	86.4-90.0	90.38	29737	100.00
Unit: °	Intensity Unit: cd					Unit: lm		

