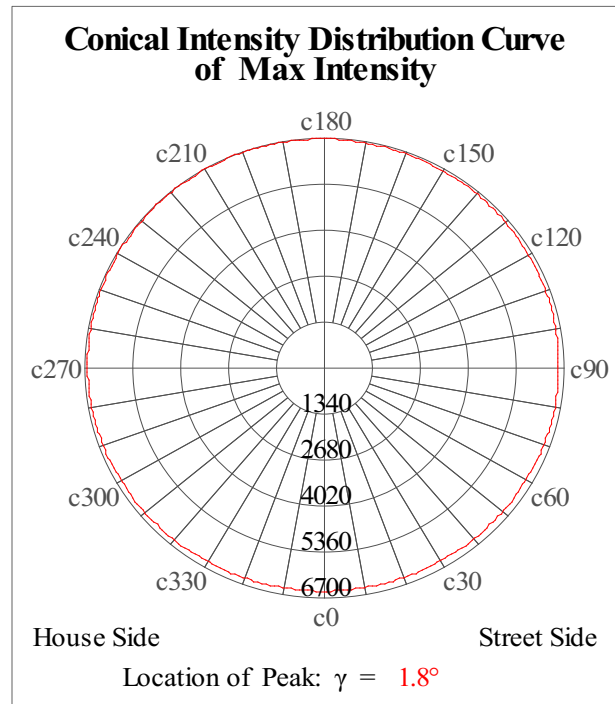
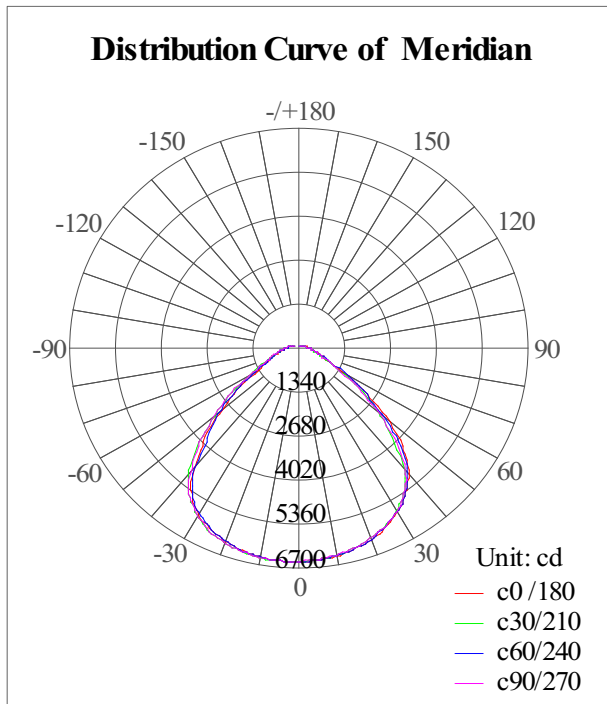


Photometric Data of Lamp

Lamp Description		
Lamp Name: 100W high bay light	Lamp Size: 28cm×28cm×15cm	Lamp Weight:
Lamp Type: HBGLT-100W	Rated Voltage: 220 V	Rated Power: 100 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 25cm×25cm	Light Flux:

Measured Data of Lamp			
Voltage: 229 V	Current: 0.439 A	Power: 98.8 W	Power Factor: 0.983
Total Flux	14789.80 lm	Central Intensity	6608.14 cd
Lamp Efficiency	0.00%	Light Efficiency	149.69 lm/W
Peak Intensity	6616.70 cd	Location of Peak(c,γ)	(180.0°, 1.8°)
Half-Intensity Angle	95.4°	BeamAngle	133.2°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	7460.95 lm
Upward House Side	0	Downward House Side	7329.33 lm
Flash Area(76°)	606 cm ²	Discomfort Glare(SLI)	0

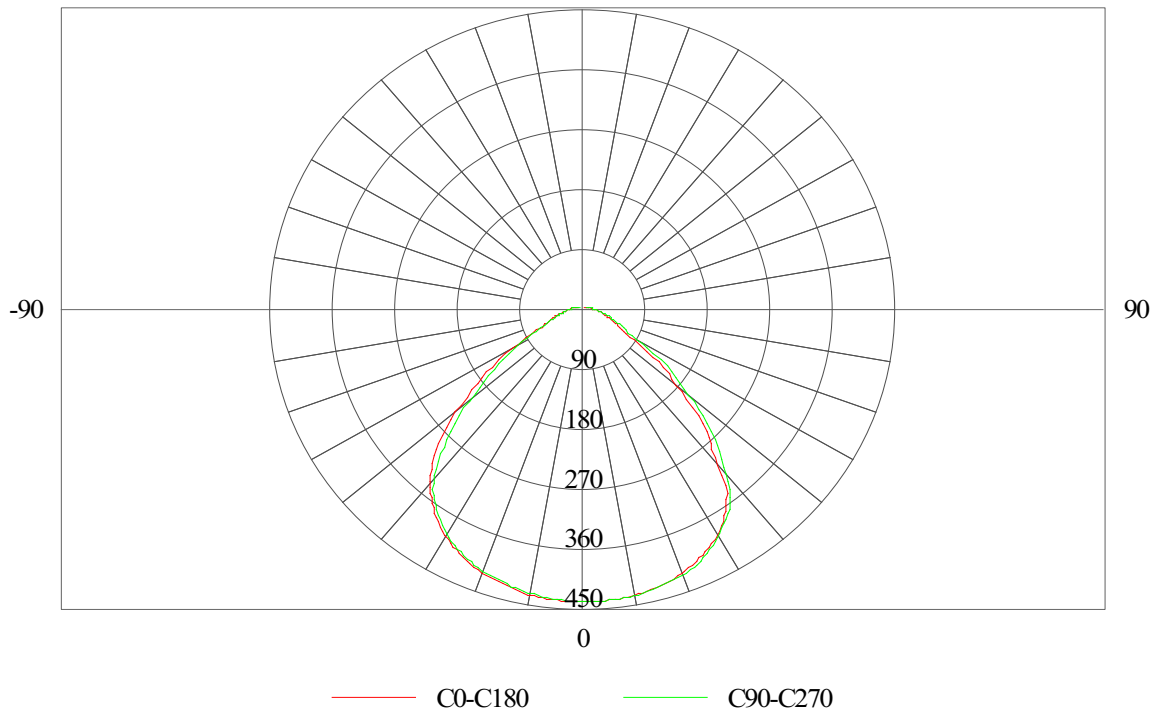


c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

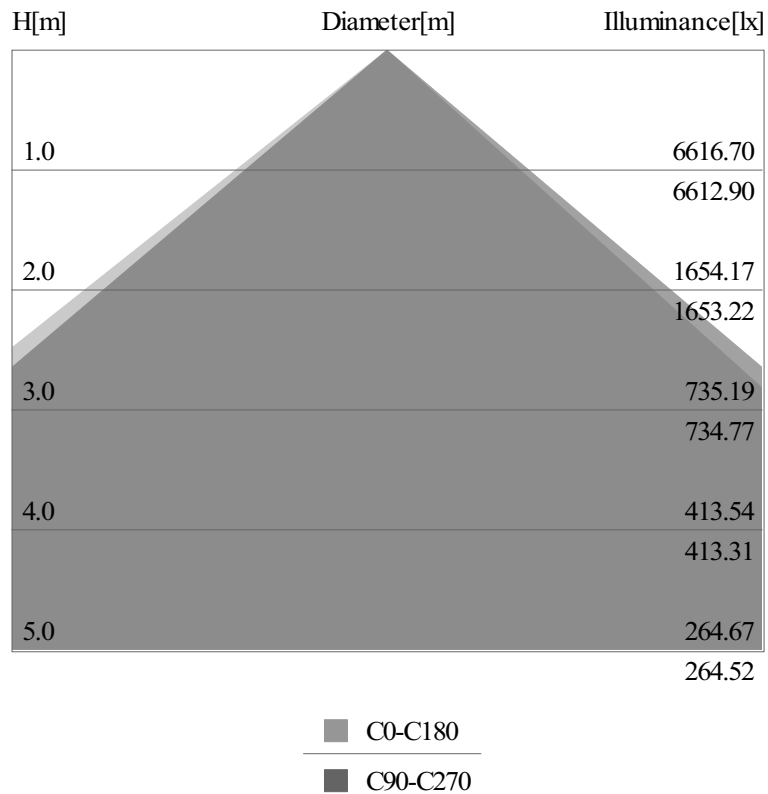
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2016-08-25
 Test Time: 09-33-58

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester: 0035

cd/1000 lm Curve

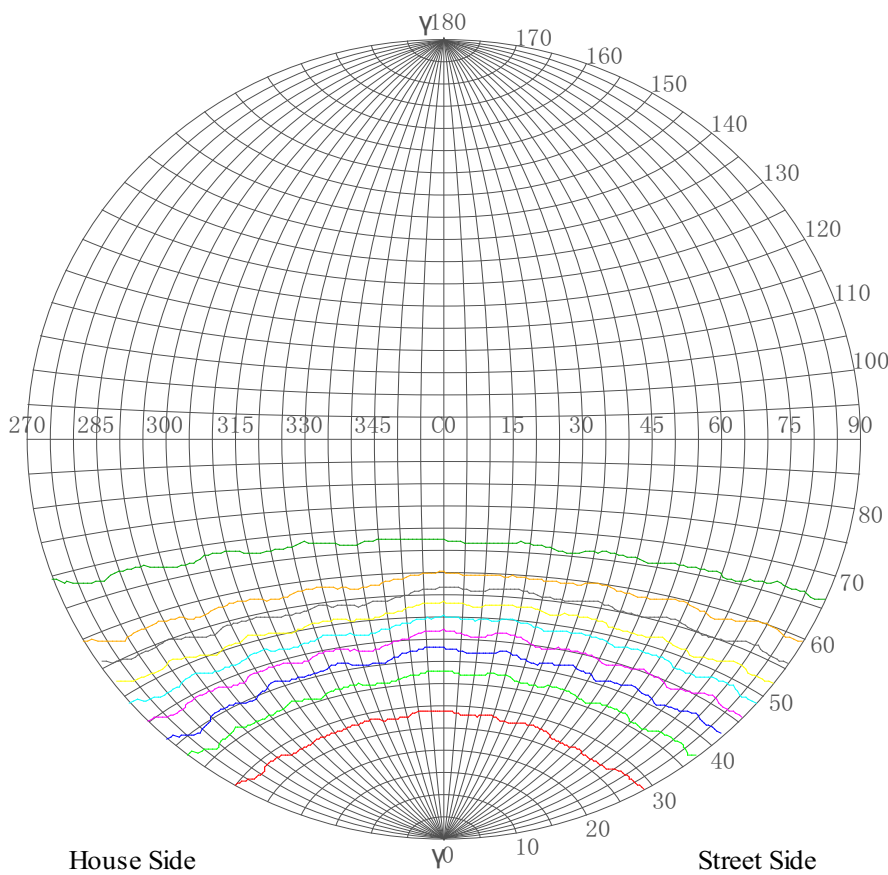


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 100W high bay light	Lamp Size: 28cm×28cm×15cm	Lamp Weight:
Lamp Type: HBGLT-100W	Rated Voltage: 220 V	Rated Power: 100 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 25cm×25cm	Light Flux:



Road Lamp Type

CIE: cut-off
 CIE: short-narrow extension
 IES: cut-off
 IES: II-very short
 Max. At80: 17.48cd/klm
 Max. At90: 7.9075cd/klm

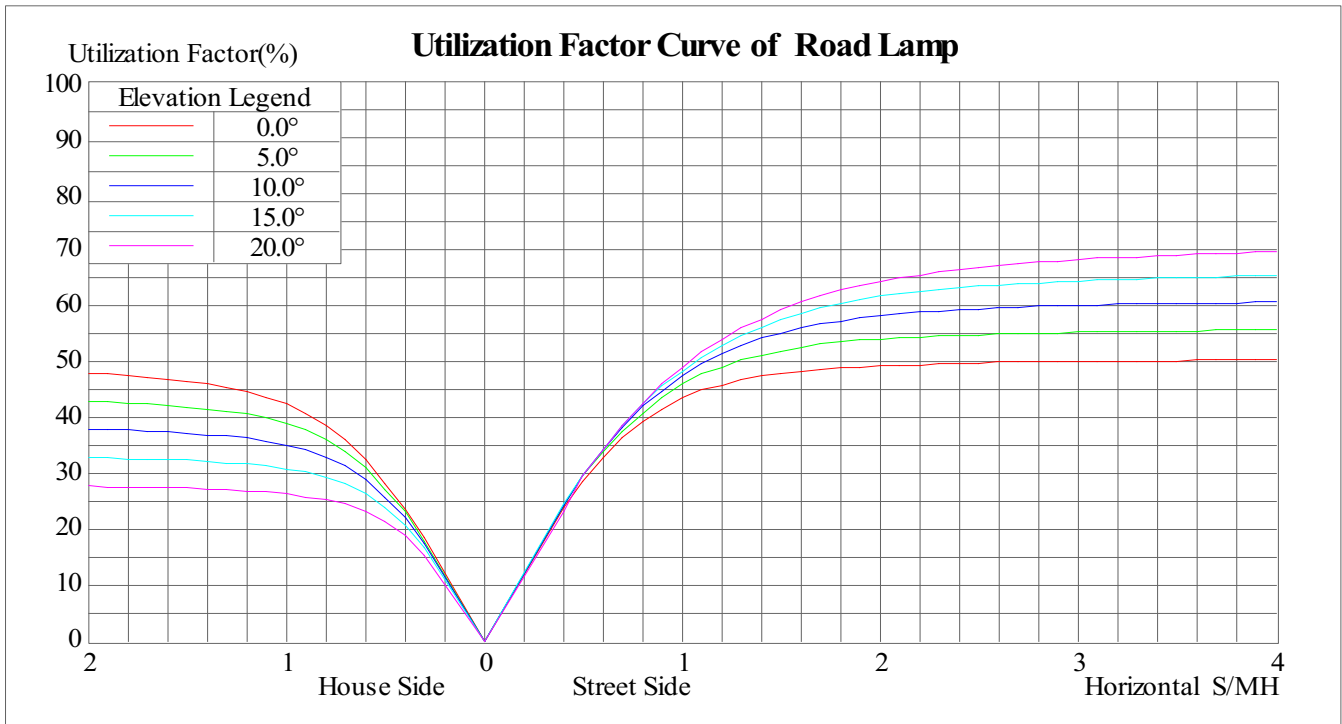
Isocandela Curve(Round Net)	
Intensity Unit	cd
Imax = 100%	6617
— 90%	5956
— 80%	5294
— 70%	4632
— 60%	3971
— 50%	3309
— 40%	2647
— 30%	1986
— 20%	1324
— 10%	662

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

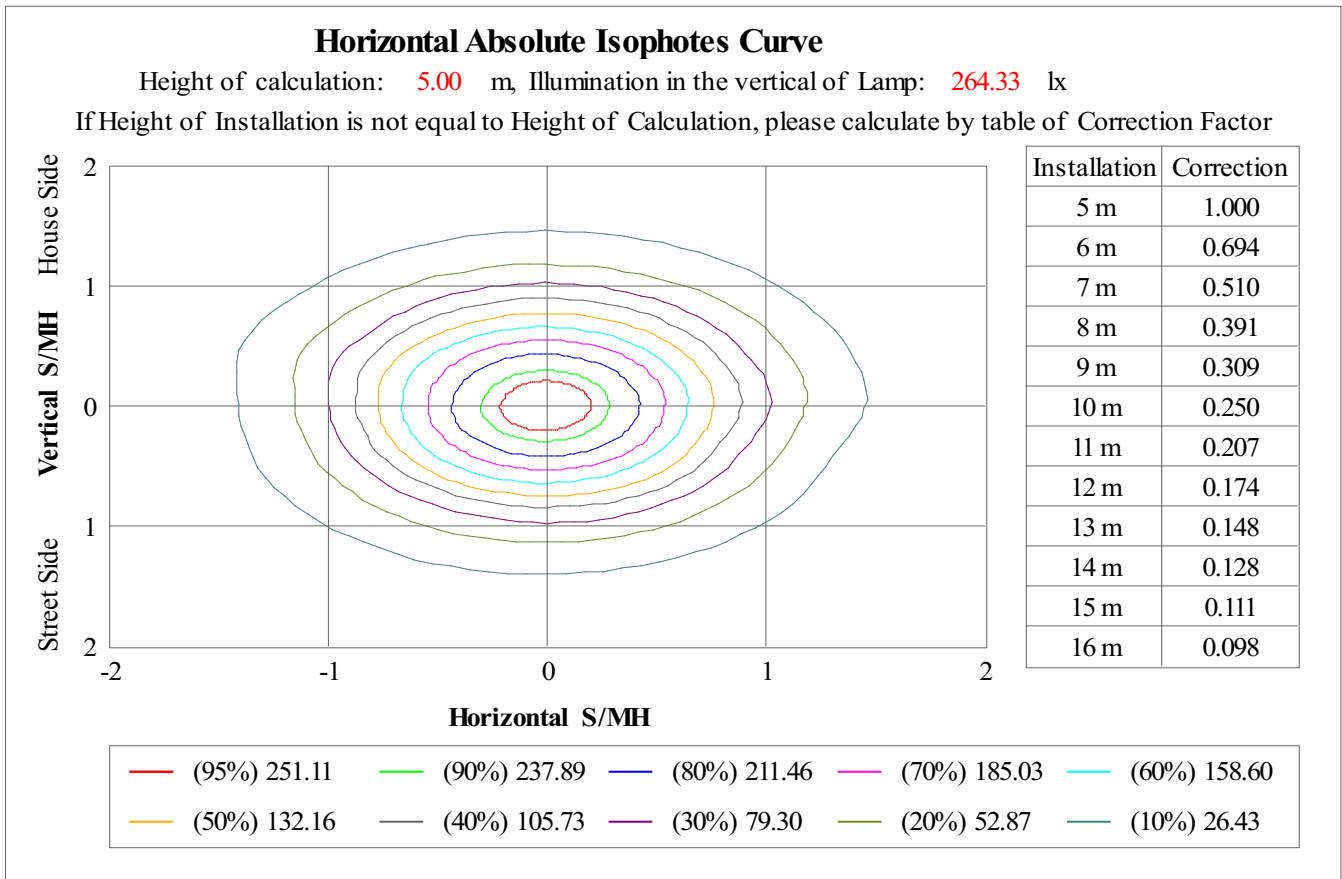
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2016-08-25
 Test Time: 09-33-58

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester: 0035

Lamp Utilization Factor Curve

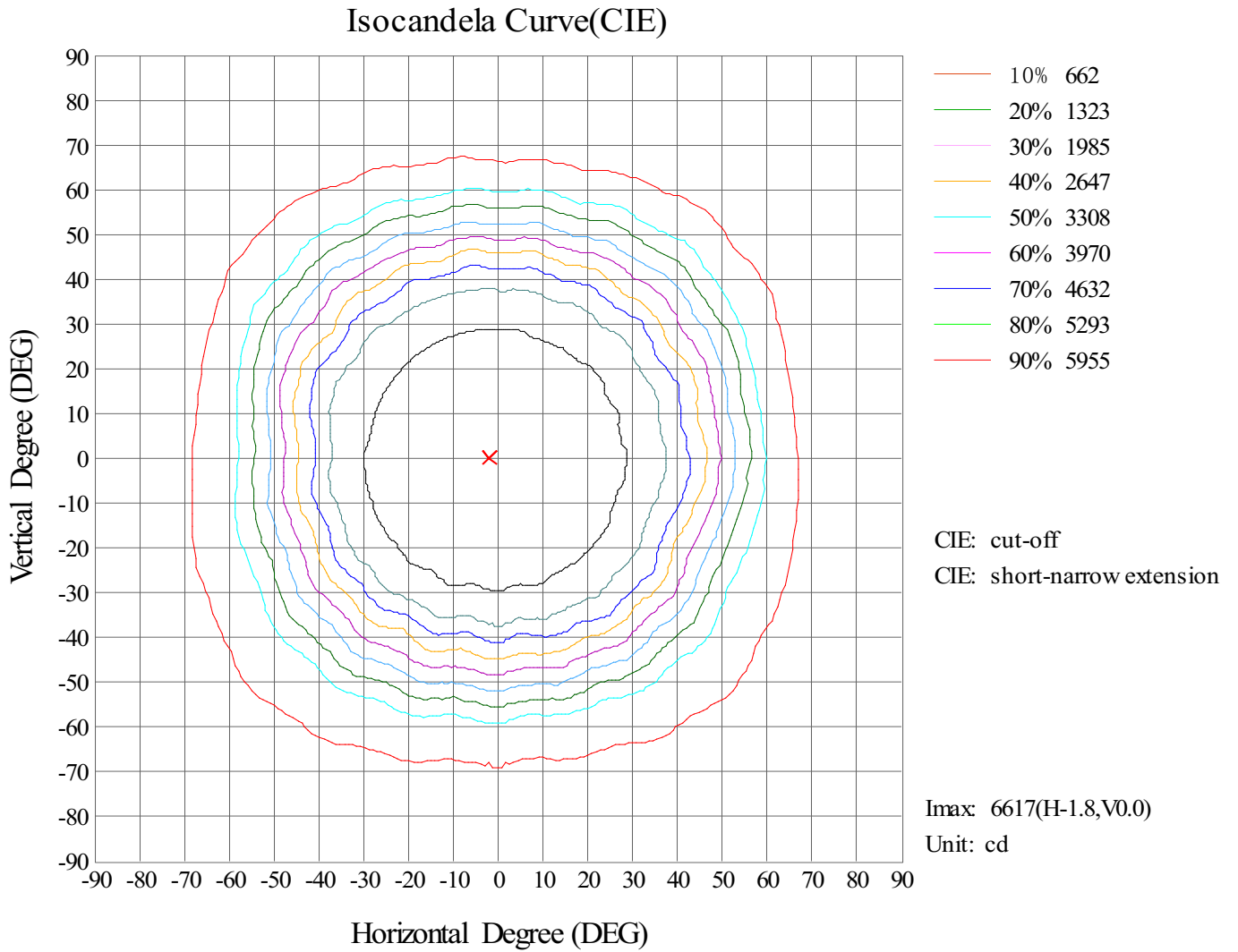


Horizontal Isophotes Curve



Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 100W high bay light	Lamp Size: 28cm×28cm×15cm	Lamp Weight:
Lamp Type: HBGLT-100W	Rated Voltage: 220 V	Rated Power: 100 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 25cm×25cm	Light Flux:



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

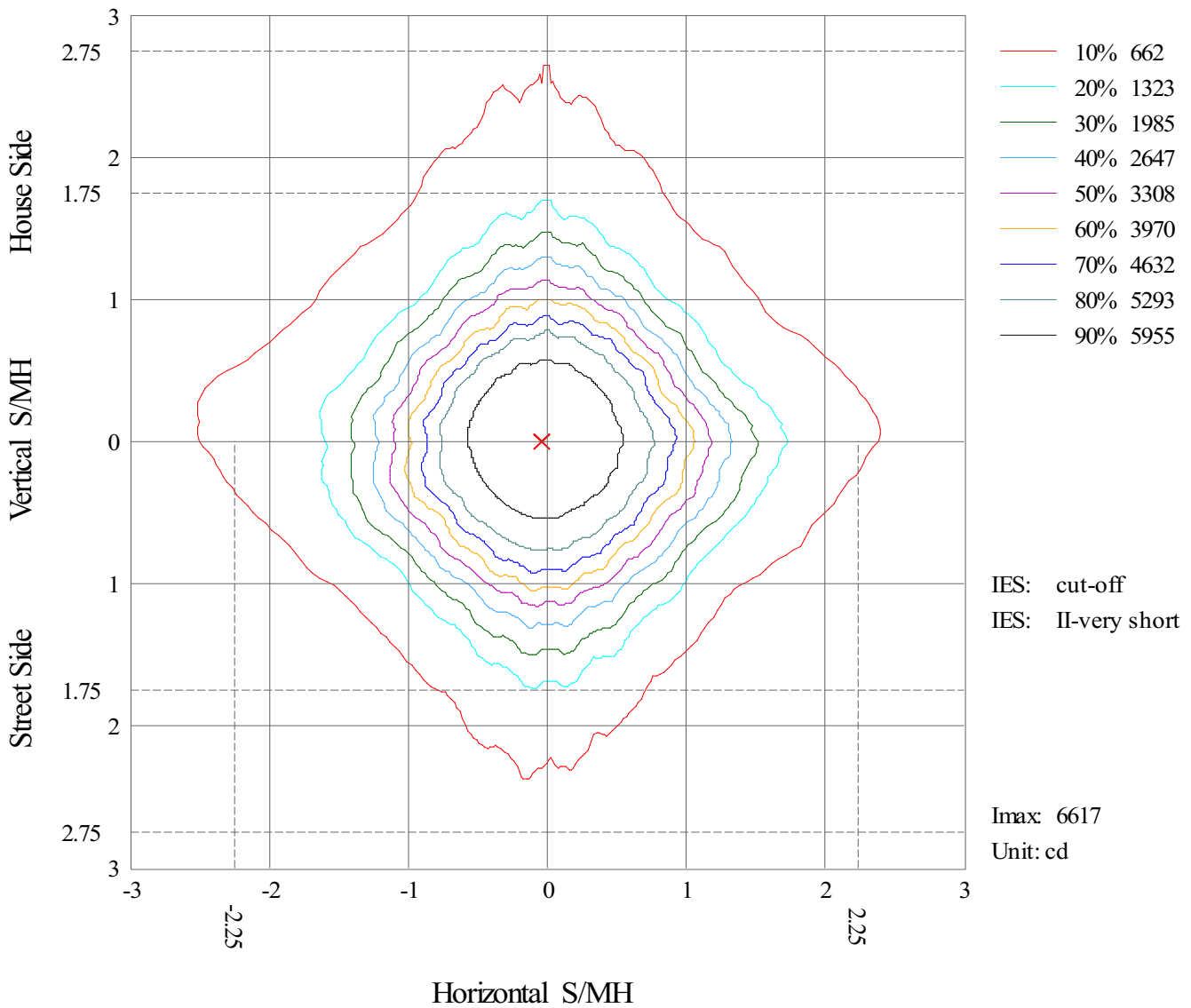
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2016-08-25
 Test Time: 09-33-58

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester: 0035

Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 100W high bay light	Lamp Size: 28cm×28cm×15cm	Lamp Weight:
Lamp Type: HBGLT-100W	Rated Voltage: 220 V	Rated Power: 100 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 25cm×25cm	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: 2016-08-25
 Test Time: 09-33-58

Temperature: 25 Celsius
 Humidity: 65%
 Test No.:
 Tester: 0035

Lamp Ring with Flux

Lamp Description		
Lamp Name: 100W high bay light	Lamp Size: 28cm×28cm×15cm	Lamp Weight:
Lamp Type: HBGLT-100W	Rated Voltage: 220 V	Rated Power: 100 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 25cm×25cm	Light Flux:

γ	C0	C90	C180	C270	γ(°)	Φ(Ring)	Φ(Total)	%
3.6	6602	6587	6614	6613	0.0-3.6	81.88	81.88	0.55
7.2	6577	6549	6595	6603	3.6-7.2	244.8	326.7	2.21
10.8	6535	6501	6556	6570	7.2-10.8	404.9	731.6	4.95
14.4	6460	6426	6488	6514	10.8-14.4	559.9	1291	8.73
18.0	6372	6335	6412	6443	14.4-18.0	707.9	1999	13.52
21.6	6287	6220	6298	6357	18.0-21.6	1079	3078	20.81
25.2	6104	6077	6150	6203	21.6-25.2	1001	4079	27.58
28.8	5948	5905	5963	5994	25.2-28.8	1105	5184	35.05
32.4	5720	5661	5700	5755	28.8-32.4	1189	6373	43.09
36.0	5436	5362	5332	5441	32.4-36.0	1242	7615	51.49
39.6	5113	4939	4636	4877	36.0-39.6	1246	8860	59.91
43.2	4593	4309	4031	4268	39.6-43.2	1180	10040	67.88
46.8	3984	3588	3294	3595	43.2-46.8	1070	11110	75.12
50.4	3185	2818	2554	2898	46.8-50.4	917.8	12028	81.32
54.0	2500	2195	1911	2276	50.4-54.0	745.1	12773	86.36
57.6	1736	1504	1255	1544	54.0-57.6	557.0	13330	90.13
61.2	1093	992.5	958.1	1092	57.6-61.2	388.1	13718	92.75
64.8	773.5	701.2	775.1	854.1	61.2-64.8	292.3	14010	94.73
68.4	589.1	528.4	621.2	674.7	64.8-68.4	234.5	14245	96.31
72.0	439.8	386.6	471.9	509.2	68.4-72.0	182.4	14427	97.54
75.6	317.6	261.6	344.6	372.0	72.0-75.6	105.5	14533	98.26
79.2	213.9	166.5	242.6	260.1	75.6-79.2	103.9	14637	98.96
82.8	131.2	97.34	173.7	180.9	79.2-82.8	70.23	14707	99.44
86.4	84.98	62.51	129.8	134.0	82.8-86.4	47.71	14755	99.76
90.0	63.30	40.19	89.36	113.1	86.4-90.0	35.75	14790	100.00
Unit: °	Intensity Unit: cd					Unit: lm		

