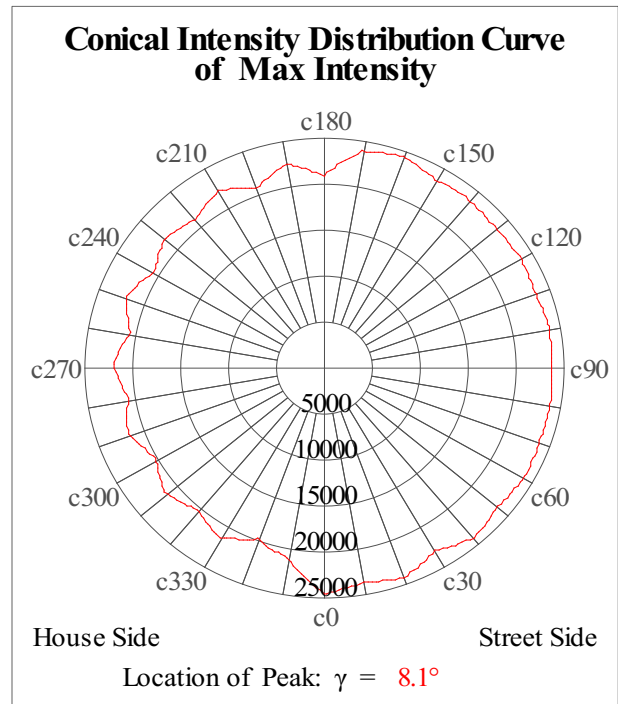
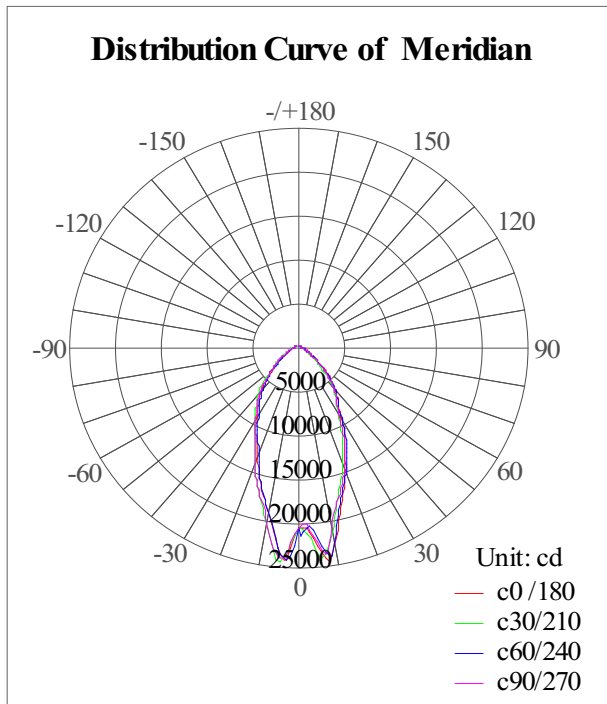


## Photometric Data of Lamp

Lamp Description		
Lamp Name: 150W high bay light	Lamp Size: 32cm×32cm×10cm	Lamp Weight:
Lamp Type: HBGLT-150W	Rated Voltage: 230 V	Rated Power: 150 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 27cm×27cm	Light Flux:

Measured Data of Lamp			
Voltage: 228 V	Current: 0.671 A	Power: 148.2 W	Power Factor: 0.968
Total Flux	21779.00 lm	Central Intensity	20801.18 cd
Lamp Efficiency	0.00%	Light Efficiency	146.96 lm/W
Peak Intensity	24930.45 cd	Location of Peak(c,γ)	(0.0°, 8.1°)
Half-Intensity Angle	45.0°	BeamAngle	99.0°
Upward Light Ratio	0	Downward Light Ratio	100%
Upward Street Side	0	Downward Street Side	11153.76 lm
Upward House Side	0	Downward House Side	10627.33 lm
Flash Area(76°)	707 cm <sup>2</sup>	Discomfort Glare(SLI)	0

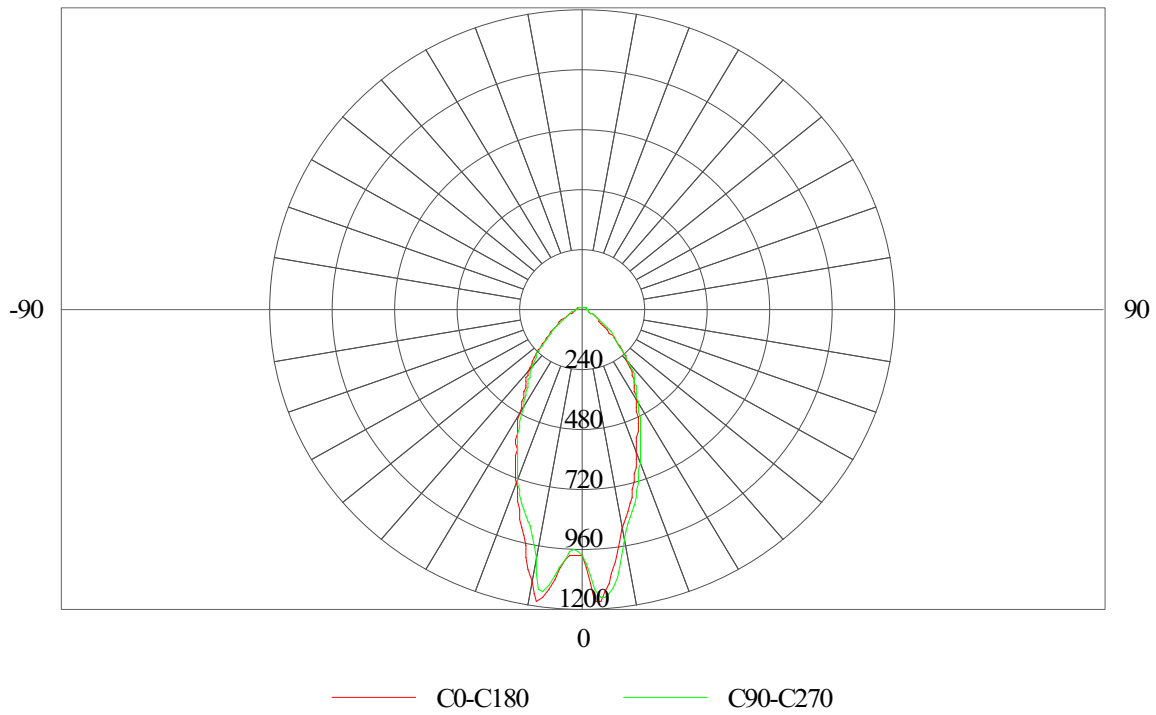


c Range: 0-360 Degree  
 c Interval: 10 Degree  
 Test Speed: Fast  
 Test Distance: 5.0 m  
 Note: notes

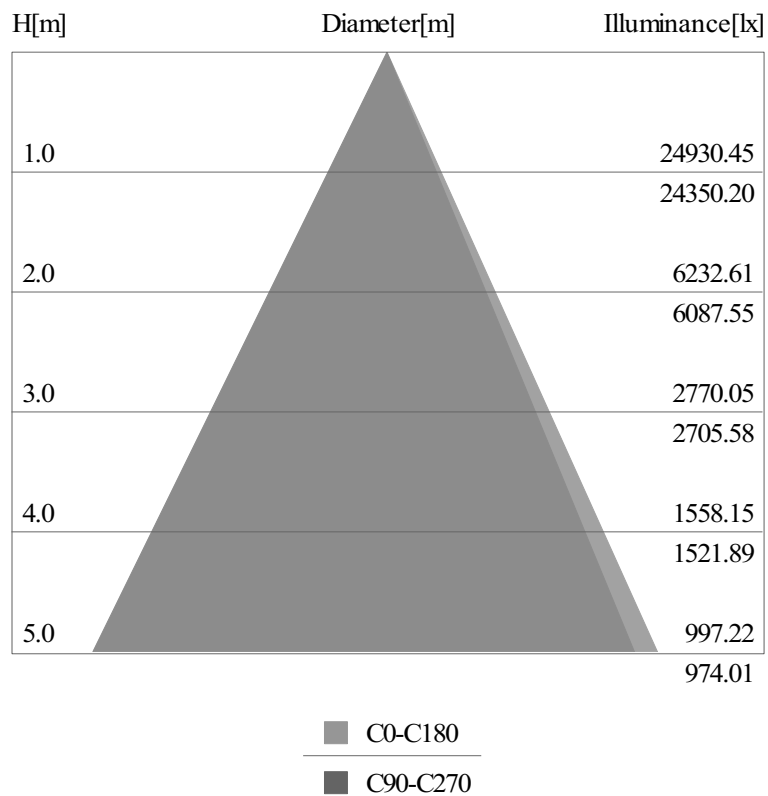
$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2016-08-09  
 Test Time: 10-24-14

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

### cd/1000 lm Curve

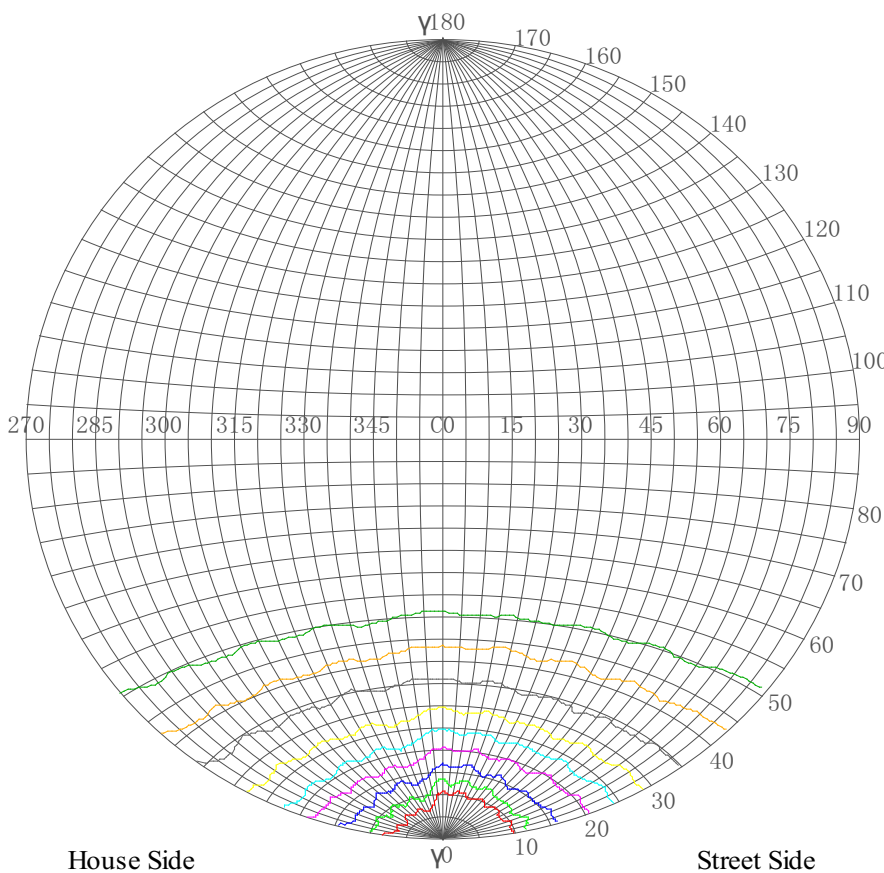


### Illumination Cone Curve



## Isocandela Curve of Road Lamp (Round Net Curve)

Lamp Description		
Lamp Name: 150W high bay light	Lamp Size: 32cm×32cm×10cm	Lamp Weight:
Lamp Type: HBGLT-150W	Rated Voltage: 230 V	Rated Power: 150 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 27cm×27cm	Light Flux:



### Road Lamp Type

CIE: cut-off  
 CIE: short-narrow extension  
 IES: cut-off  
 IES: V-very short  
 Max. At80: 12.25cd/klm  
 Max. At90: 5.7831cd/klm

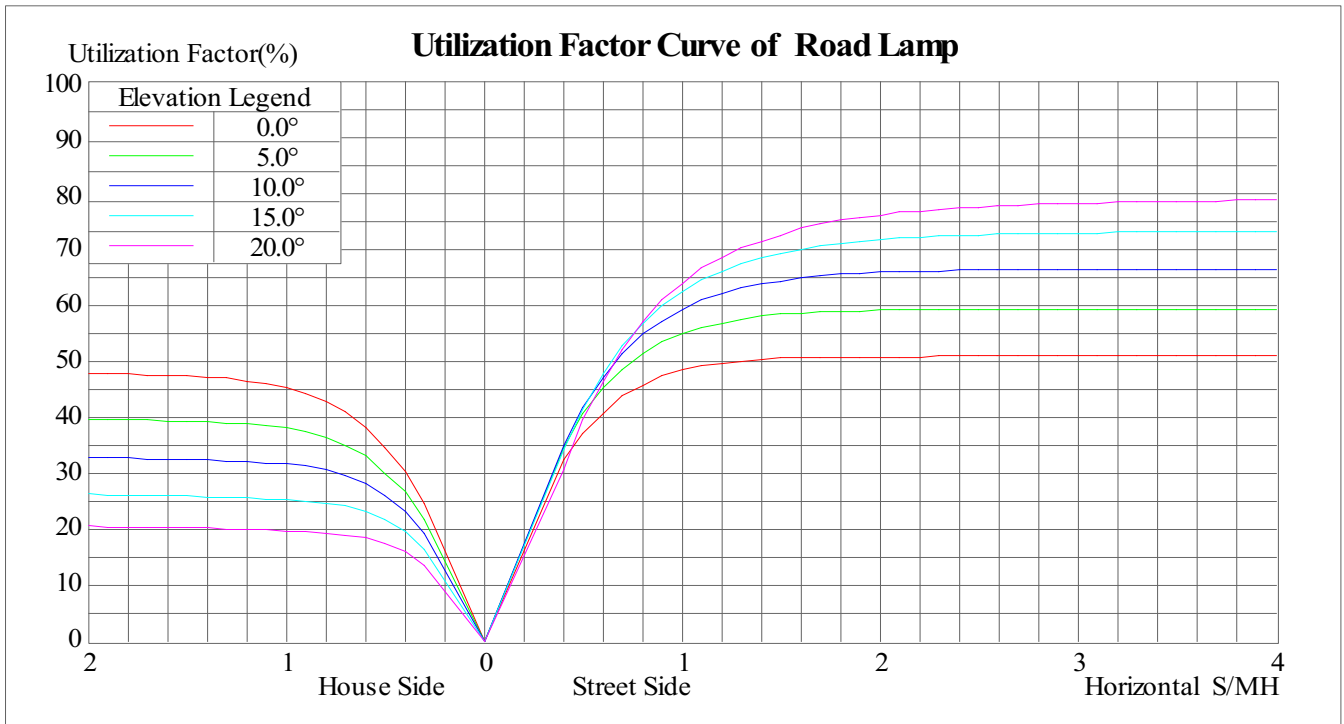
Isocandela Curve(Round Net)		
Intensity Unit		cd
Imax = 100%		24931
— 90%		22438
— 80%		19945
— 70%		17452
— 60%		14959
— 50%		12466
— 40%		9973
— 30%		7480
— 20%		4987
— 10%		2494

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

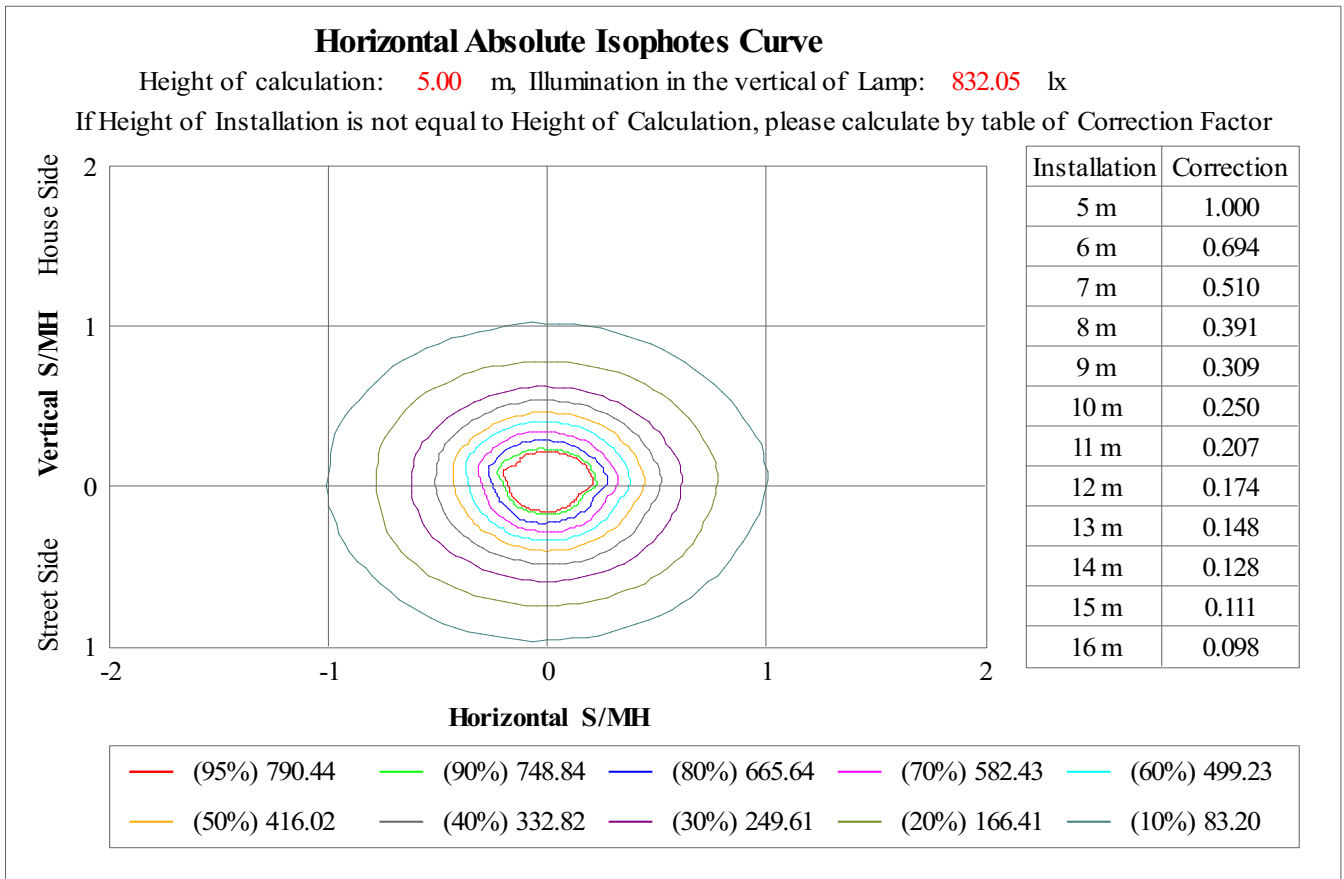
γ Range: 0-90 Degree  
 γ Interval: 0.9 Degree  
 Test Date: 2016-08-09  
 Test Time: 10-24-14

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

## Lamp Utilization Factor Curve



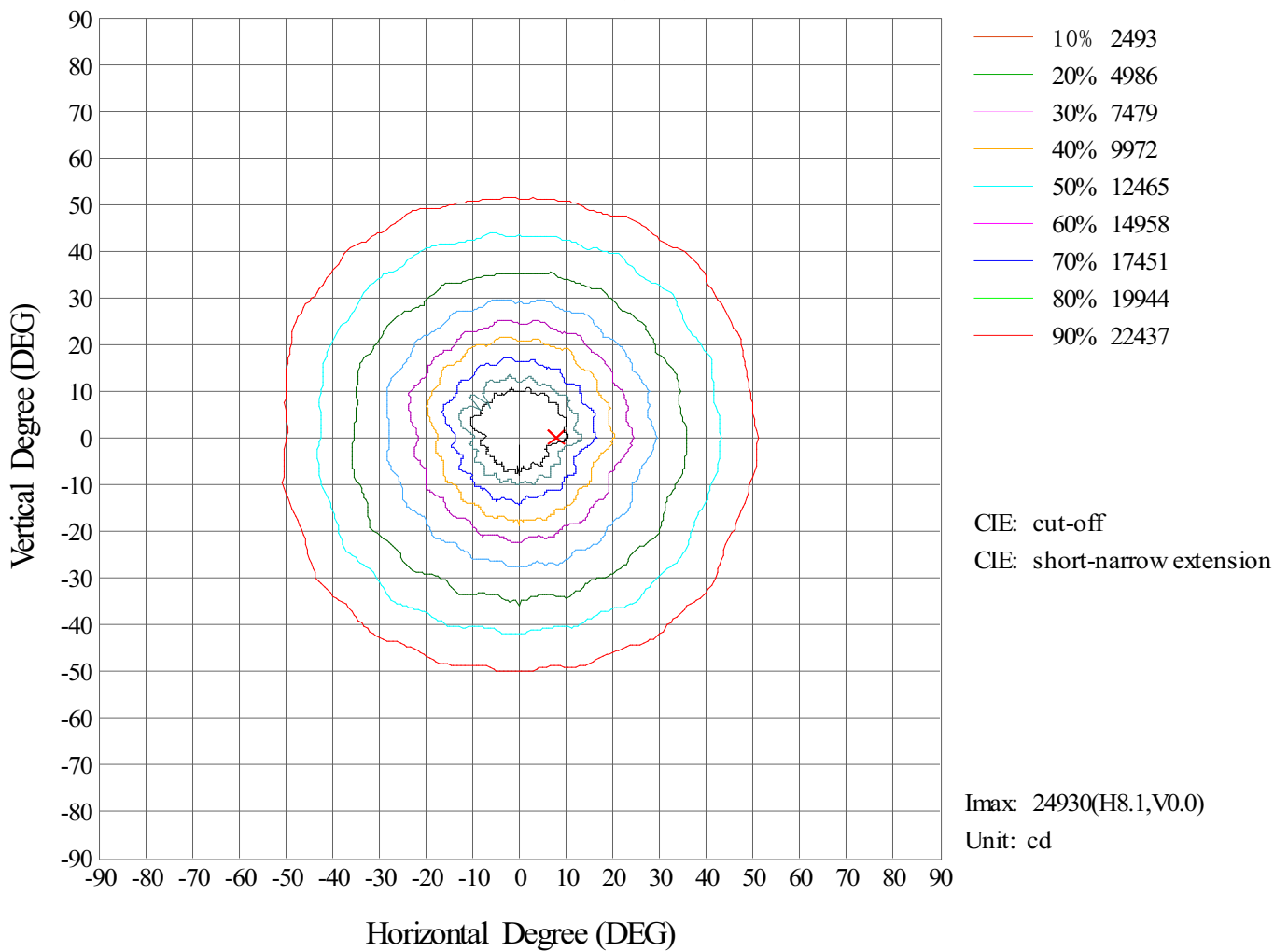
## Horizontal Isophotes Curve



## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 150W high bay light	Lamp Size: 32cm×32cm×10cm	Lamp Weight:
Lamp Type: HBGLT-150W	Rated Voltage: 230 V	Rated Power: 150 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 27cm×27cm	Light Flux:

Isocandela Curve(CIE)



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

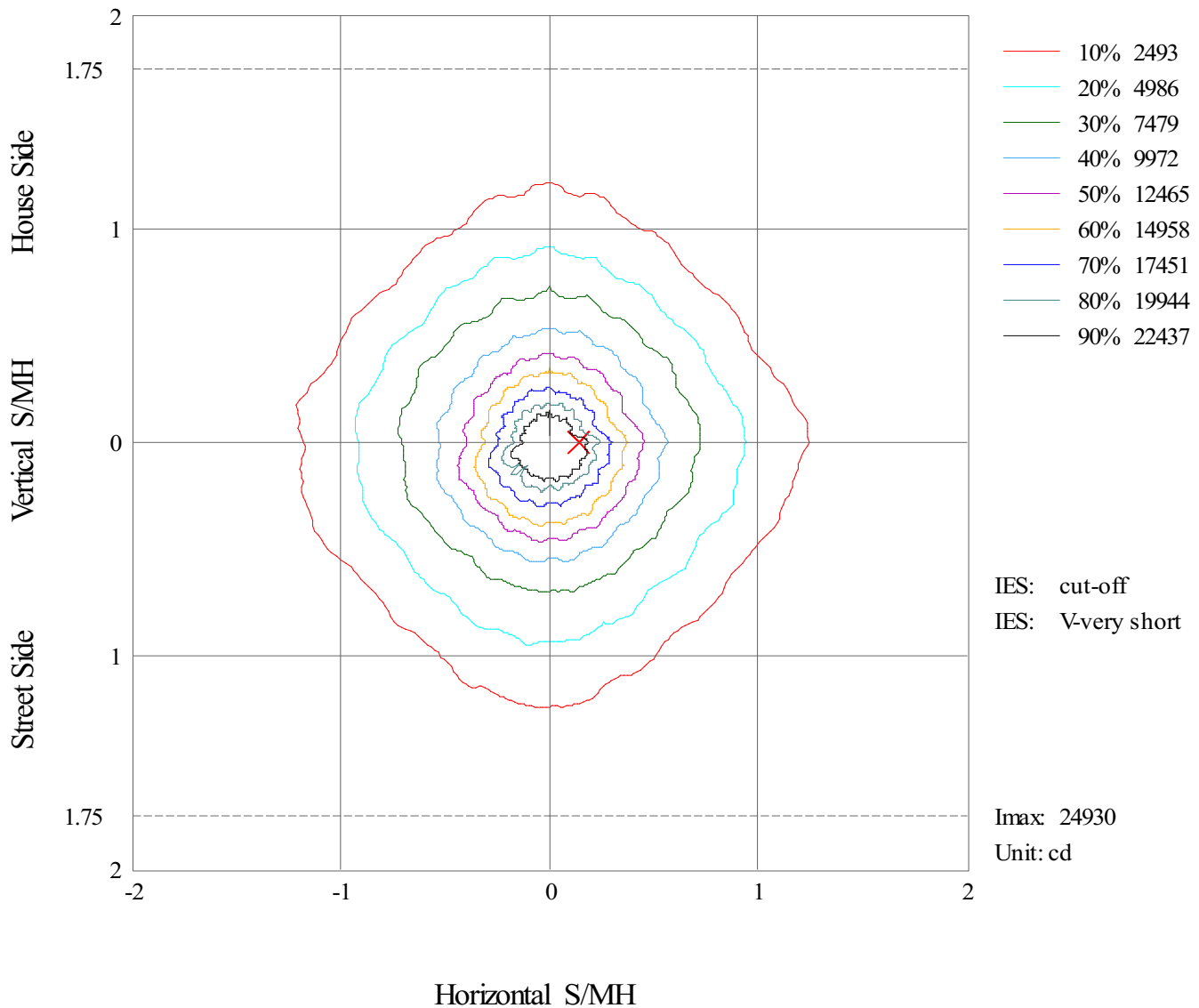
$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
Test Date: 2016-08-09  
Test Time: 10-24-14

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

## Isocandela Curve of Lamp

Lamp Description		
Lamp Name: 150W high bay light	Lamp Size: 32cm×32cm×10cm	Lamp Weight:
Lamp Type: HBGLT-150W	Rated Voltage: 230 V	Rated Power: 150 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 27cm×27cm	Light Flux:

Isocandela Curve(IES)



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

$\gamma$  Range: 0-90 Degree  
 $\gamma$  Interval: 0.9 Degree  
 Test Date: 2016-08-09  
 Test Time: 10-24-14

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

## Lamp Ring with Flux

Lamp Description		
Lamp Name: 150W high bay light	Lamp Size: 32cm×32cm×10cm	Lamp Weight:
Lamp Type: HBGLT-150W	Rated Voltage: 230 V	Rated Power: 150 W
Light Type: PHILIPS	Light Number:	Rated Flux:
Light Standard:	Light Area: 27cm×27cm	Light Flux:

γ	C0	C90	C180	C270	γ(°)	Φ(Ring)	Φ(Total)	%
3.6	21221	21069	24596	24314	0.0-3.6	273.2	273.2	1.25
7.2	24389	24028	21491	22765	3.6-7.2	853.8	1127	5.17
10.8	22326	20331	18377	19058	7.2-10.8	1333	2460	11.30
14.4	19044	18040	16374	17109	10.8-14.4	1614	4075	18.71
18.0	16400	15980	14107	14978	14.4-18.0	1807	5882	27.01
21.6	14191	13856	12145	12842	18.0-21.6	2379	8261	37.93
25.2	12206	11786	10767	11206	21.6-25.2	1901	10162	46.65
28.8	10230	9623	9192	9487	25.2-28.8	1842	12004	55.11
32.4	8492	7996	8046	8175	28.8-32.4	1751	13754	63.15
36.0	7423	6990	7045	7265	32.4-36.0	1677	15431	70.85
39.6	6255	5927	5722	5889	36.0-39.6	1551	16982	77.97
43.2	4990	4707	4513	4622	39.6-43.2	1322	18304	84.04
46.8	3841	3559	3196	3461	43.2-46.8	1065	19369	88.93
50.4	2649	2480	2144	2447	46.8-50.4	803.9	20173	92.62
54.0	1646	1499	1285	1492	50.4-54.0	536.7	20710	95.08
57.6	740.6	716.5	620.9	773.7	54.0-57.6	297.7	21007	96.45
61.2	238.1	196.2	501.9	531.9	57.6-61.2	151.2	21158	97.14
64.8	129.8	129.7	436.6	458.9	61.2-64.8	106.5	21265	97.63
68.4	119.6	118.4	384.8	397.4	64.8-68.4	95.98	21361	98.07
72.0	118.0	119.6	347.5	358.3	68.4-72.0	90.00	21451	98.48
75.6	139.2	147.3	319.8	327.9	72.0-75.6	66.84	21518	98.79
79.2	158.9	148.5	254.6	264.3	75.6-79.2	85.32	21603	99.18
82.8	145.0	127.7	188.5	200.2	79.2-82.8	72.34	21676	99.52
86.4	123.4	112.0	142.8	149.8	82.8-86.4	57.67	21733	99.78
90.0	111.8	110.8	100.7	124.1	86.4-90.0	47.92	21781	100.00
Unit: °	Intensity Unit: cd					Unit: lm		

