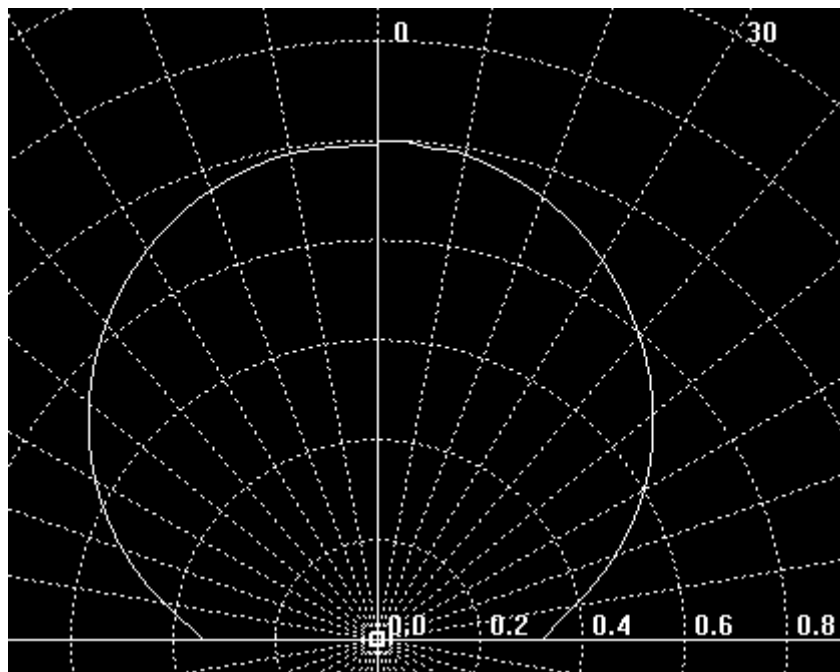


## ELACG24D-9A110CW Spectrum Test Report

Lamp Description		
Lamp Name: ELACG24D-9A110CW	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:

Measured Data of Lamp			
Voltage: 223.2v	Current : 0.042A	Power: 9.3w	Power Factor: 0.971
Total Flux:	970 lm	Central Intensity:	404.0 cd
Lamp Efficiency:		Light Efficiency:	104.3lm/w
Peak Intensity:	404.0 cd	Location of Peak(c, Y)	(0°, 0°)
Upward Light Flux:	482lm	Downward Light Flux	488lm
Beam Angle:	113°		

### Distribution Curve of Meridian



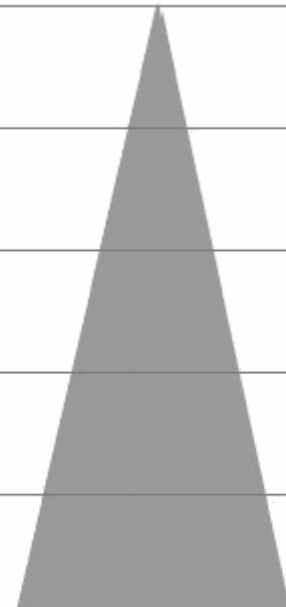
c-Range: 0-360°  
 c-Interval: 30°

Y-Range: 0-90  
 Y-Interval: 3

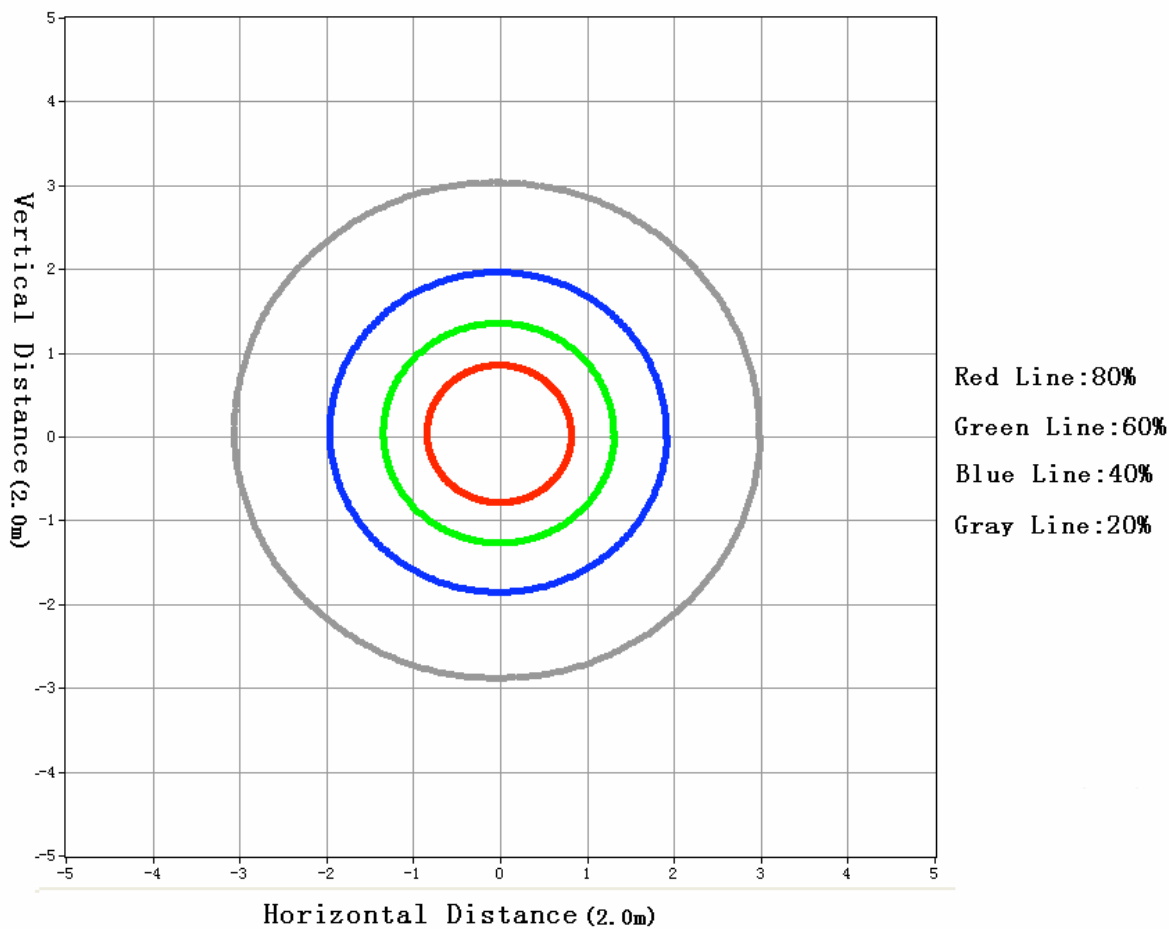
Humidity: 50%  
 Test Date: 2014-8-19

Temperature: 24 Celsius  
 Test Distance: 2.0m

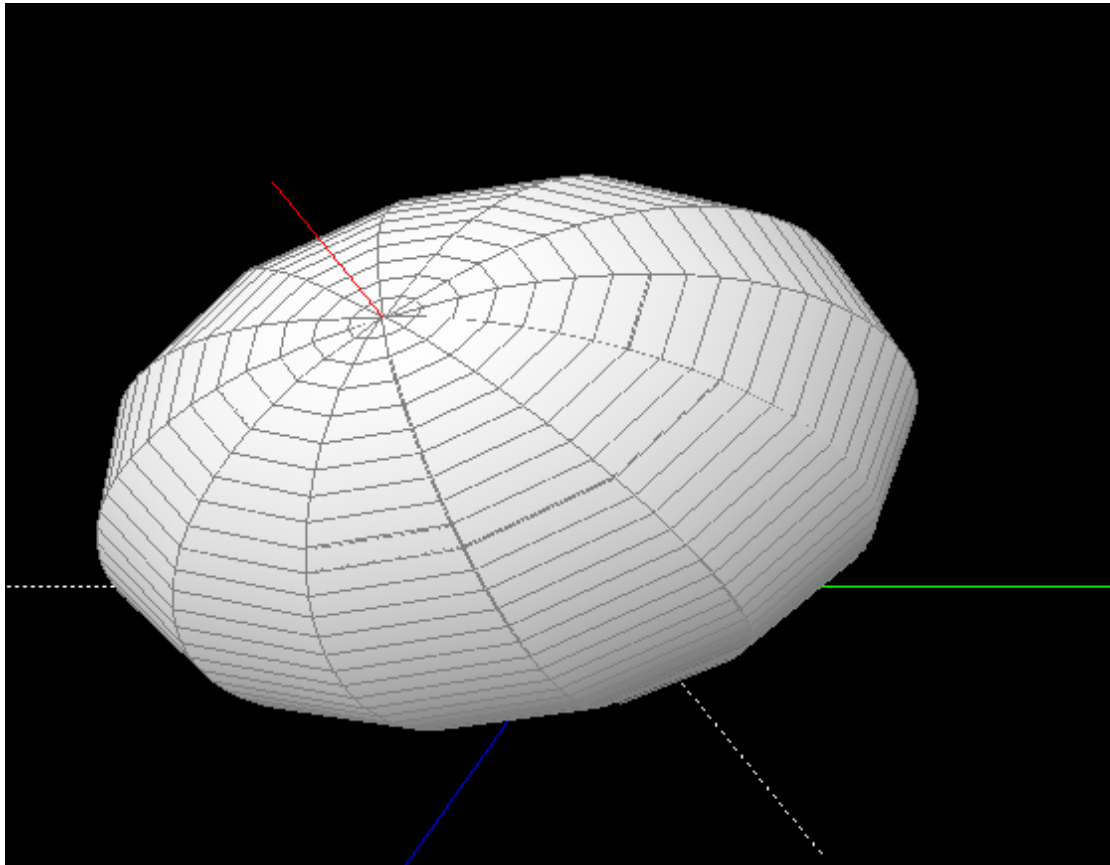
H[m]	Diameter[m]	Illuminance[lx]
1.0		404.0
2.0		101.0
3.0		44.9
4.0		25.3
5.0		16.2



### Isocandela Curve(CIE)



### 3D Distribution Curve of Lamp Light



c-Range:0-360°  
c-Interval:30°

γ-Range:0-90°  
γ-Interval:3°

Humidity:50%  
Test Date:2014-8-19

Temperature:24 Celsius  
Test Distance:2.0m

### Data Form of Intensity Distribution Curve

Unit: lx

	0	30	60	90	120	150	180	210	270	300	330	360
0	101	100	100	100	100	100	100	100	101	101	101	101
3	101	100	100	100	100	100	100	100	101	101	101	101
6	100	100	100	100	100	100	100	100	100	101	101	101
9	100	100	100	100	100	100	100	99	99.7	99.9	100	100
12	98.9	99.2	99.6	99.9	100	99.8	99.5	98.9	98.3	98.5	98.8	99.2
15	97.6	98.2	98.7	99.1	99.3	99.2	98.6	97.8	96.9	97	97.5	98
18	96.3	96.9	97.6	98.1	98.4	98.2	97.5	96.5	95.2	95.4	95.9	96.6
21	94.7	95.5	96.3	96.9	97.2	97	96.3	95	93.3	93.5	94.2	95
24	92.9	93.8	94.7	95.3	95.7	95.6	94.8	93.3	91.3	91.5	92.3	93.2
27	90.9	91.9	92.9	93.6	94	94	93.1	91.5	89	89.2	90.1	91.2
30	88.7	89.8	90.9	91.6	92.2	92.1	91.1	89.4	86.6	86.9	87.9	89
33	86.3	87.5	88.7	89.5	90.1	90.1	89	87.1	84.1	84.3	85.4	86.7
36	83.9	85.1	86.3	87.1	87.8	87.9	86.8	84.7	81.4	81.7	82.8	84.2
39	81.2	82.5	83.6	84.5	85.3	85.4	84.3	82.1	78.5	78.8	80.1	81.7
42	78.6	79.8	81	81.8	82.7	82.8	81.8	79.4	75.6	76	77.4	79.1
45	75.9	77.1	78.2	79	80	80.2	79.2	76.7	72.7	73	74.6	76.3
48	73	74.2	75.2	76	77	77.4	76.4	73.9	69.6	69.9	71.7	73.5
51	70	71.2	72.1	72.9	74	74.5	73.6	71	66.4	66.8	68.7	70.6
54	67.1	68.2	69	69.7	70.9	71.6	70.7	68	63.2	63.6	65.6	67.6
57	64	65.1	65.8	66.4	67.7	68.5	67.6	64.9	59.8	60.4	62.5	64.5
60	60.8	61.9	62.5	63.1	64.4	65.4	64.5	61.8	56.6	57.2	59.3	61.4
63	57.6	58.7	59.1	59.7	61.1	62.1	61.3	58.6	53.2	53.9	56.1	58.2
66	54.3	55.4	55.8	56.2	57.7	58.8	58.1	55.3	49.8	50.6	52.9	54.9
69	51	52	52.3	52.6	54.3	55.5	54.9	52.1	46.4	47.3	49.6	51.7
72	47.8	48.7	48.9	49.1	50.9	52.2	51.6	48.8	42.9	44	46.4	48.4
75	44.5	45.3	45.4	45.4	47.3	48.7	48.4	45.5	39.6	40.8	43.2	45.2
78	41.4	42	41.9	41.8	43.9	45.4	45.1	42.3	36.5	37.9	40.2	42.1
81	38.5	39	38.7	38.4	40.5	42.3	41.8	39.4	33.7	35.1	37.5	39.2
84	36	36.3	35.7	35.2	37.4	39.1	39	36.8	31.4	33	35.3	36.7
87	34.1	33.9	33.1	32.2	34.5	36.4	36.4	34.6	30	31.6	33.7	34.7
90	32.7	32.3	31	13.2	32.1	34.3	34.5	33.1	13	31	32.6	33.4