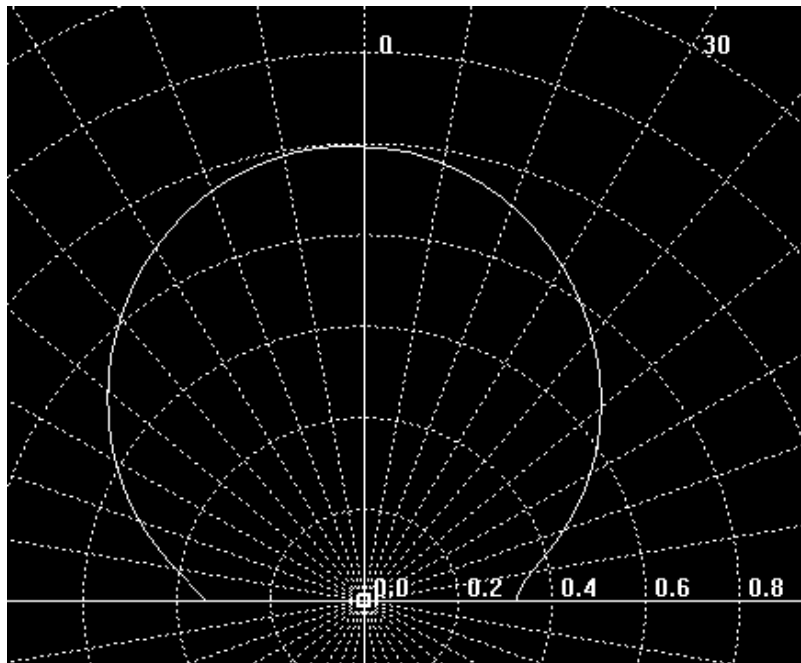


ELACG24D-9A110NW Spectrum Test Report

Lamp Description		
Lamp Name: ELACG24D-9A110NW	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:

Measured Data of Lamp			
Voltage 224.1v	Current :0.041A	Power:9.1w	Power Factor:0.969
Total flux	930 lm	Central Intensity	378.4 cd
Lamp Efficiency		Light Efficiency	102.2 lm/W
Peak Intensity	381.6 cd	Location of Peak(c, γ)	(360° , 0°)
Upward Light Flux	472 lm	Downward Light Flux	458 lm
Beam Angle	115°		

Distribution Curve of Meridian



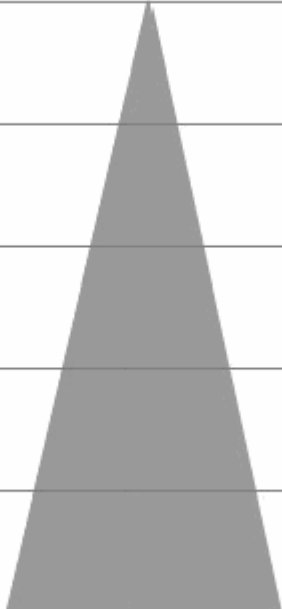
c-Range:0-360°
c-Interval:30°

γ -Range:0-90°
 γ -Interval:3

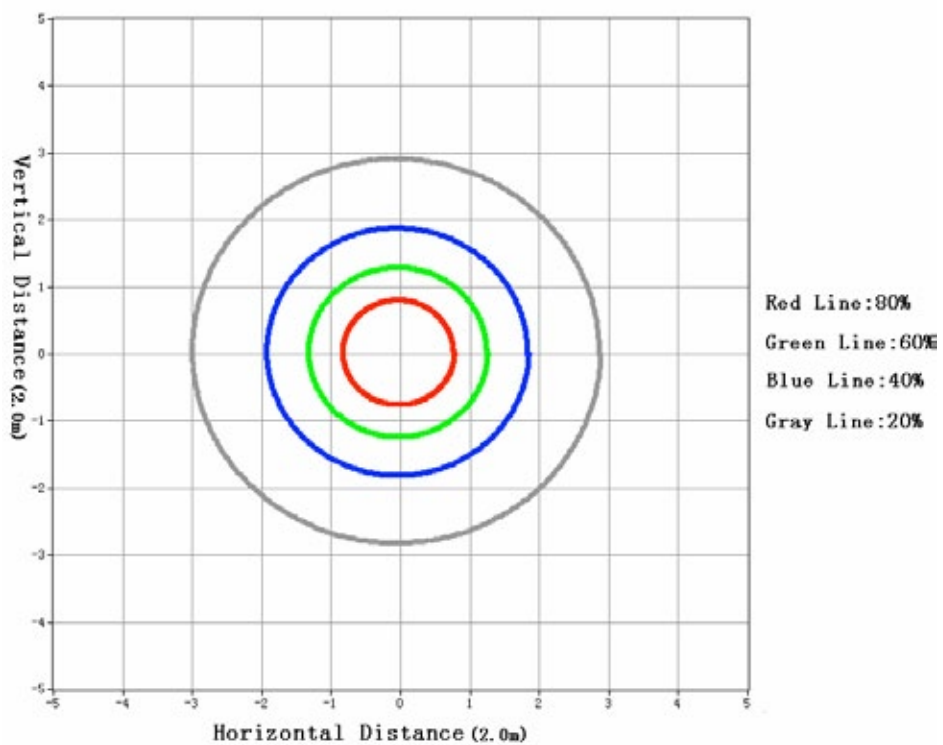
Humidity:50%
Test Date:2014-8-19

Temperature:24 Celsius
Test Distance:2.0m

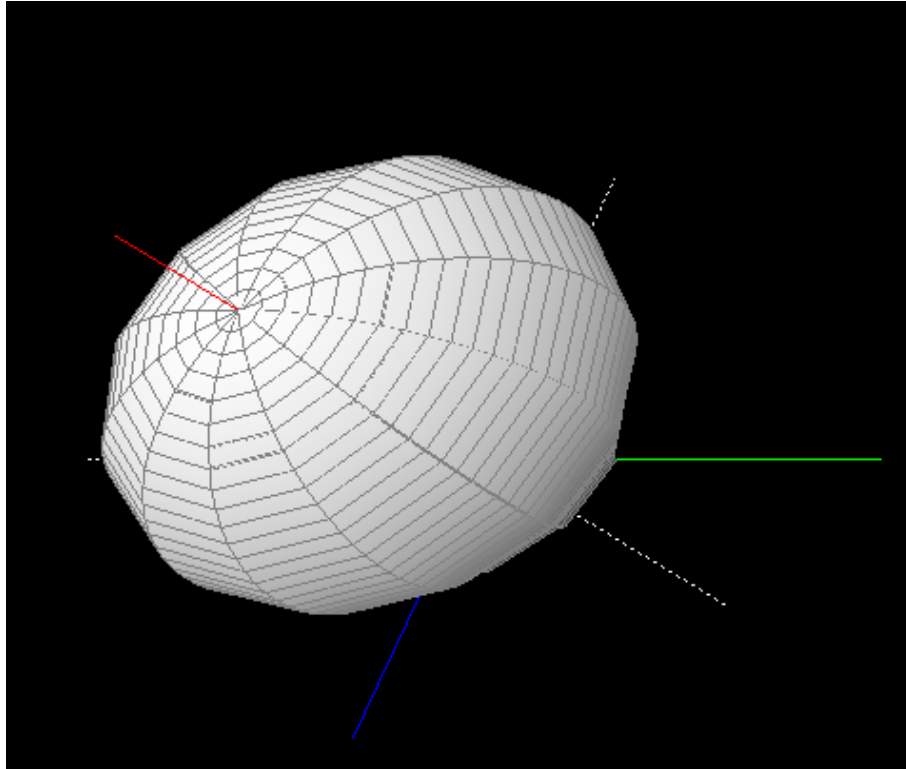
H[m]	Diameter[m]	Illuminance[lx]
1.0		378.4
2.0		94.6
3.0		42.0
4.0		23.7
5.0		15.1



Isocandela Curve (CIE)



3D Distribution Curve of Lamp Light



c-Range:0-360°	γ-Range:0-90°	Humidity:50%	Temperature:24 Celsius
c-Interval:30°	γ-Interval:3°	Test Date:2014-8-19	Test Distance:2.0m

Data form of intensity distribution curve

角度/ 照度	0	30	60	90	120	150	180	210	270	300	330	360
0	94.6	94.4	94.2	94.1	94.3	94.4	94.7	94.6	94.7	95	95.1	95.4
3	94.4	94.3	94.4	94.4	94.6	94.8	95	94.7	94.5	94.7	94.8	95.2
6	94	94	94.2	94.4	94.7	94.8	95	94.6	94	94.1	94.3	94.7
9	93	93.2	93.5	93.9	94.3	94.5	94.6	94	93.1	93.2	93.3	93.8
12	91.8	92.1	92.6	93.1	93.7	93.9	93.9	93.2	91.9	91.9	92	92.6
15	90.5	90.9	91.5	92.1	92.8	93.1	93	92.1	90.5	90.4	90.6	91.3
18	88.9	89.4	90.1	90.9	91.6	92	91.9	90.8	88.8	88.7	88.9	89.7
21	87.2	87.7	88.5	89.4	90.2	90.7	90.5	89.3	86.8	86.8	87.1	87.9
24	85.1	85.8	86.7	87.6	88.6	89.1	88.9	87.5	85	84.7	85	85.9
27	82.9	83.7	84.6	85.6	86.7	87.3	87	85.6	82.7	82.4	82.8	83.8
30	80.6	81.4	82.4	83.4	84.6	85.3	85	83.5	80.3	80	80.4	81.5
33	78.2	79	80	81	82.3	83.1	82.9	81.2	77.8	77.4	78	79.1
36	75.6	76.4	77.4	78.5	79.8	80.8	80.5	78.8	75.1	74.7	75.3	76.5
39	73	73.8	74.7	75.9	77.3	78.3	78	76.3	72.3	72	72.7	73.9
42	70.3	71.1	72	73.1	74.6	75.8	75.4	73.6	69.5	69.2	69.9	71.3
45	67.6	68.4	69.1	70.3	71.8	73.1	72.8	70.9	66.6	66.3	67.2	68.5
48	64.8	65.6	66.2	67.4	69	70.3	70.1	68.1	63.6	63.3	64.3	65.6
51	61.9	62.6	63.2	64.3	66	67.5	67.2	65.2	60.5	60.4	61.3	62.8
54	59	59.7	60.1	61.2	63	64.6	64.4	62.3	57.4	57.3	58.5	59.9
57	56.1	56.7	57.1	58.1	59.9	61.5	61.5	59.5	54.3	54.4	55.5	57
60	53.1	53.7	54	54.8	56.8	58.6	58.6	56.4	51.2	51.2	52.5	54
63	50.1	50.7	50.9	51.7	53.7	55.7	55.6	53.6	48.2	48.2	49.6	51.1
66	47.1	47.5	47.7	48.6	50.4	52.8	52.7	50.4	45.1	45.3	46.4	47.9
69	44.1	44.6	44.7	45.4	47.4	49.7	49.6	47.5	42	42.2	43.5	45.1
72	41.3	41.7	41.6	42.1	44.4	46.8	46.8	44.6	39.1	39.4	40.8	42.2
75	38.4	38.7	38.5	39	41.3	43.7	43.7	41.6	36	36.6	37.9	39.5
78	36	36.2	35.8	36.1	38.4	41.1	40.9	38.9	33.5	34.1	35.6	37
81	33.9	34	33.3	33.2	35.7	38.4	38.3	36.4	31.3	32.1	33.7	34.8
84	32.3	32.1	31.2	31	33.1	35.8	35.8	34.1	28.8	30.7	32.2	33.4
87	31.4	31.1	30.2	29.4	31.3	34	33.9	32.5	27.1	30.1	31.5	32.4
90	30.9	30.5	29.6	28.7	30	32.5	32.4	31.4	25.4	31.1	31.1	31.9