

ELACCL-20S120NW Spectrum Test Report

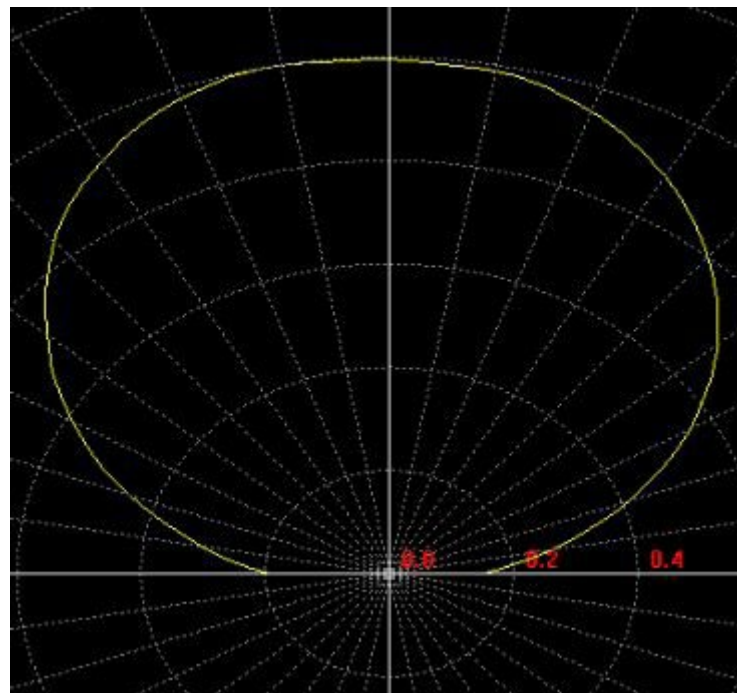
Lamp Description

Lamp Name: ELACCL-20S120NW	Lamp Size:	Lamp Weight:
Lamp Type:	Rated Voltage:	Rated Power:
Light Type:	Light Number:	Rated Flux:

Measured Data of Lamp

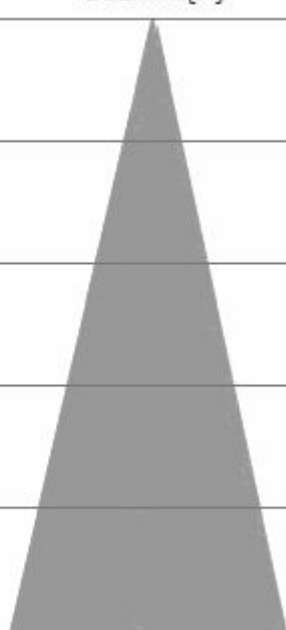
Voltage: 226.9v	Current : 0.085A	Power: 19.3w	Power Factor: 0.941
Total Flux	1781lm	Central Intensity	485.1cd
Lamp Efficiency		Light Efficiency	84.1lm/w
Peak Intensity	485.1cd	Location of Peak(c, γ)	(0° , 0°)
Upward Light Flux	898lm	Downward Light Flux	883lm
Beam Angle	122.8°		

Distribution Curve of Meridian

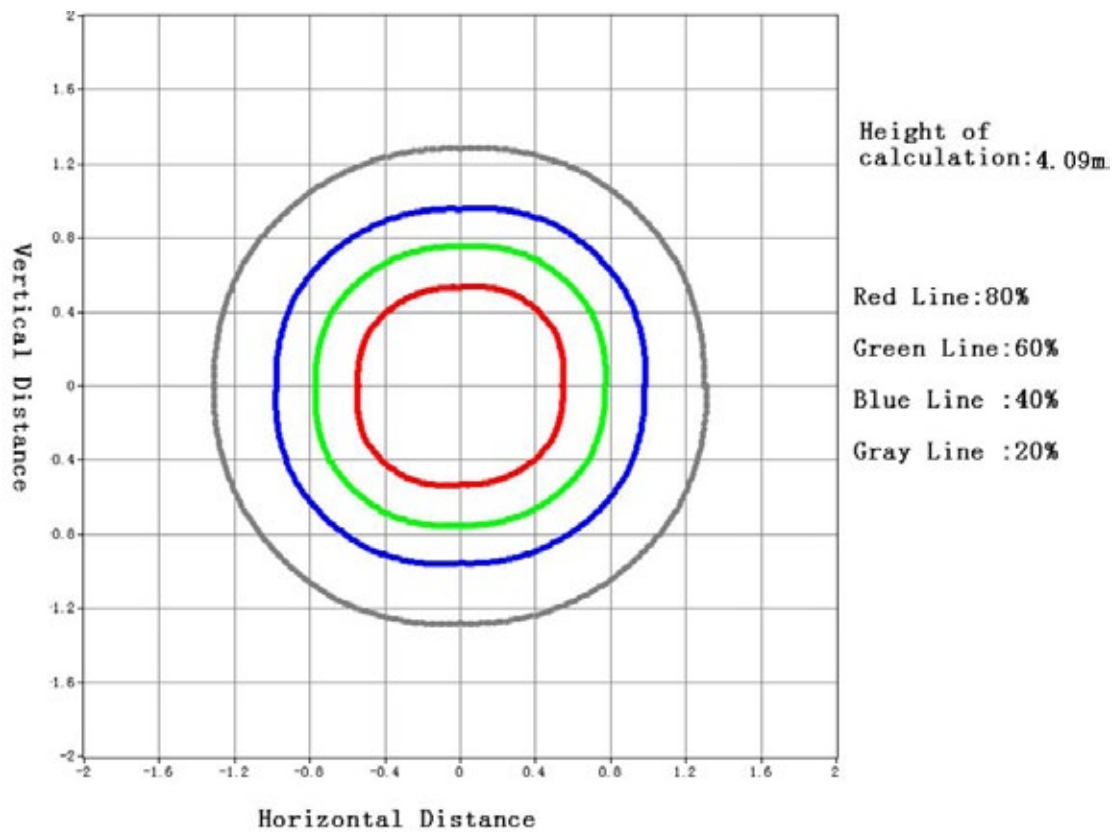


c-Range: 0-360° γ -Range: 0-90° Humidity: 50% Temperature: 25 Celsius
 c-Interval: 15° γ -Interval: 3° Test Date: 2014-6-23 Test Distance: 4.09m

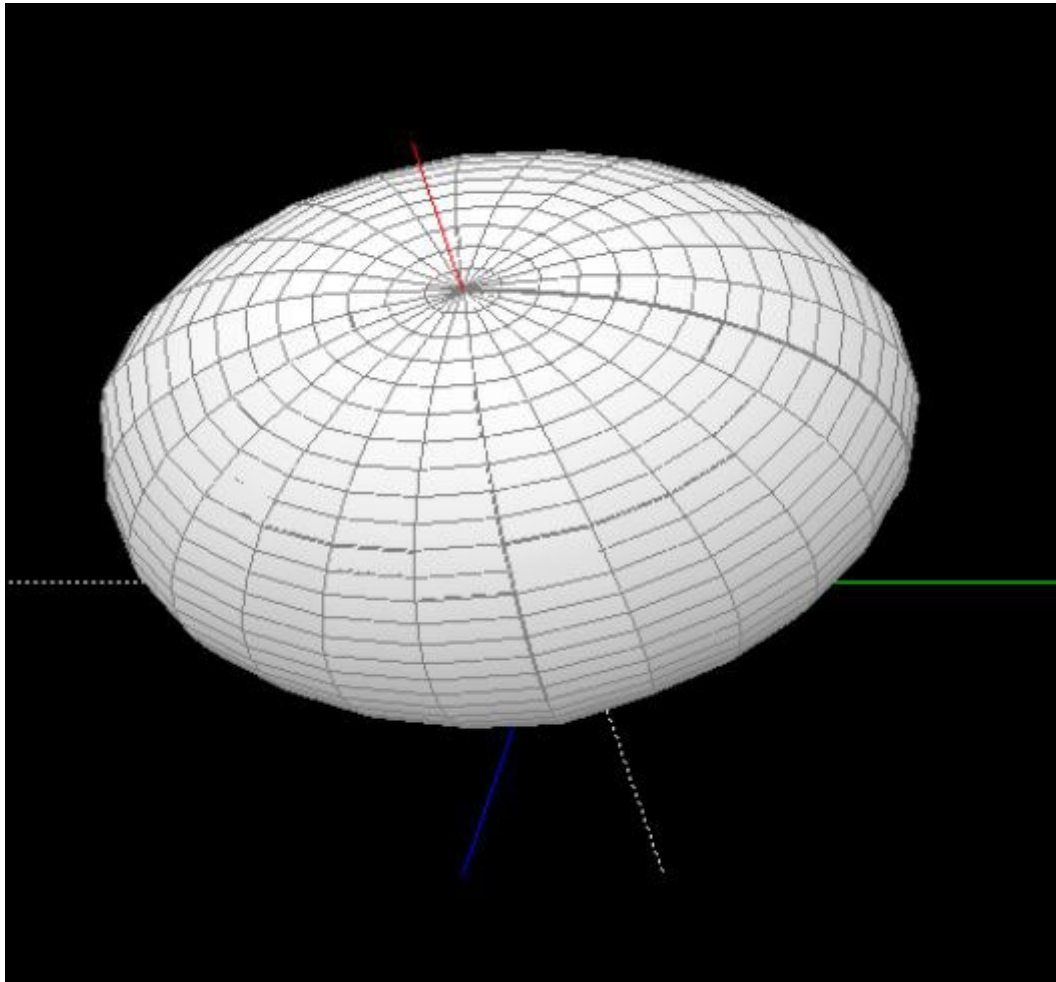
H[m]	Diameter[m]	Illuminance[lx]
1.0		485.1
2.0		121.3
3.0		53.9
4.0		30.3
5.0		19.4



Isocandela Curve(CIE)



3D Distribution Curve of Lamp Light



c-Range:0-360° γ -Range:0-90° Humidity:50% Temperature:25 Celsius
c-Interval:15° γ -Interval:3° Test Date:2014-6-23 Test Distance:4.09m

Data Form of Intensity Distribution Curve

Unit:lx

$\gamma \setminus C$	0	15	30	45	60	75	90	105	120	135	150	165	180
0	29	29	29	29	29	28.9	28.9	28.9	28.8	28.9	28.9	28.9	28.9
3	29	29	28.9	28.9	28.9	28.9	28.9	28.9	28.7	28.9	28.9	28.9	28.9
6	29	28.9	28.9	28.9	28.9	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29	29	29	29	29	29
12	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9	29	29	29	29
15	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.7	28.7	28.8	28.8	28.9	28.9
18	28.2	28.1	28.2	28.2	28.2	28.3	28.3	28.4	28.5	28.5	28.6	28.6	28.6
21	27.7	27.7	27.7	27.8	27.8	27.9	28	28	28.1	28.2	28.2	28.3	28.3
24	27.2	27.2	27.2	27.3	27.4	27.4	27.5	27.6	27.7	27.8	27.8	27.9	27.9
27	26.6	26.6	26.7	26.7	26.8	26.9	27	27.1	27.2	27.3	27.3	27.4	27.4
30	26	26	26	26.1	26.2	26.3	26.4	26.6	26.6	26.8	26.8	26.8	26.8
33	25.3	25.3	25.3	25.4	25.5	25.6	25.8	25.7	26	26.1	26.2	26.2	26.2
36	24.5	24.5	24.6	24.7	24.8	24.9	25.1	25.2	25.3	25.4	25.5	25.5	25.5
39	23.7	23.7	23.8	23.9	24	24.1	24.3	24.4	24.6	24.7	24.8	24.8	24.7
42	22.8	22.9	22.9	23	23.2	23.3	23.5	23.6	23.8	23.9	24	24	23.7
45	21.9	21.9	22	22.1	22.2	22.4	22.6	22.8	22.9	23	23.1	23.1	22.7
48	20.9	20.9	21	21.1	21.3	21.4	21.6	21.8	22	22.1	22.2	22.2	21.6
51	19.8	19.9	19.9	20.1	20.2	20.4	20.6	20.8	21	21.1	21.2	21.1	20.5
54	18.7	18.8	18.8	19	19.2	19.4	19.6	19.8	20	20.1	20.2	19.9	19.5
57	17.6	17.3	17.7	17.8	18	18.2	18.5	18.7	18.9	19	19.1	18.5	18.3
60	16.4	16.4	16.5	16.7	16.8	17.1	17.3	17.5	17.7	17.9	17.9	17.3	17.1
63	15.1	15.1	15.3	15.4	15.6	15.8	16.1	16.3	16.5	16.7	16.7	16.1	15.9
66	13.8	13.9	14	14.1	14.4	14.6	14.8	15.1	15.3	15.5	15.3	14.8	14.7
69	12.5	12.5	12.7	12.8	13.1	13.3	13.5	13.8	14	14.2	13.9	13.5	13.4
72	11.2	11.2	11.3	11.5	11.7	12	12.2	12.5	12.7	12.9	12.5	12.3	12.1
75	9.9	9.9	10	10.2	10.4	10.7	10.9	11.2	11.4	11.5	11.2	11	10.8
78	8.62	8.7	8.82	8.9	9.1	9.4	9.6	9.9	10.1	10.2	10	9.8	9.6
81	7.41	7.48	7.59	7.75	7.96	8.26	8.48	8.75	8.88	8.82	8.8	8.77	8.65
84	6.2	6.28	6.44	6.59	6.79	7.05	7.26	7.55	7.62	7.65	7.65	7.65	7.6
87	5.23	5.3	5.39	5.53	5.7	5.95	6.12	6.37	6.43	6.5	6.51	6.55	6.58
90	4.41	4.47	4.48	4.59	4.73	4.9	5.09	5.33	5.42	5.44	5.49	5.53	5.59

γ\C	195	210	225	240	255	270	285	300	315	330	345	360
0	28.9	28.9	28.9	28.8	28.9	28.9	28.9	28.8	28.9	28.9	28.8	28.9
3	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.8	28.8	28.8	28.8	28.8
6	28.7	28.7	28.8	28.8	28.8	28.9	28.9	28.7	28.7	28.7	28.7	28.7
9	28.7	28.7	28.8	28.7	28.9	28.9	28.9	28.8	28.7	28.7	28.7	28.7
12	28.5	28.5	28.8	28.7	28.9	28.9	28.9	28.7	28.6	28.6	28.6	28.6
15	28.3	28.3	28.3	28.3	28.6	28.6	28.7	28.4	28.4	28.3	28.3	28.3
18	27.9	27.9	27.9	27.9	28.3	28.3	28.4	28	28	27.9	27.9	27.9
21	27.6	27.6	27.6	27.6	27.9	28	28	27.6	27.6	27.5	27.5	27.5
24	27.1	27.1	27.1	27.1	27.4	27.5	27.6	27.1	27.1	27	27	27
27	26.5	26.5	26.5	26.5	26.9	27	27.1	26.6	26.5	26.4	26.4	26.4
30	26	26	26	26	26.3	26.4	26.6	26	25.9	25.8	25.8	25.8
33	25.3	25.1	25.3	25.1	25.6	25.8	25.7	25.3	25.2	25.1	25.1	25.1
36	24.6	24.4	24.6	24.4	24.9	25.1	25.2	24.6	24.5	24.4	24.4	24.3
39	23.8	23.6	23.8	23.6	24.1	24.3	24.4	23.8	23.7	23.6	23.5	23.5
42	23	22.8	23	22.8	23.3	23.5	23.6	22.9	22.8	22.7	22.7	22.6
45	22.1	22	22.1	22	22.4	22.6	22.8	22	21.9	21.8	21.7	21.7
48	21.2	21	21.2	21	21.4	21.6	21.8	21	20.9	20.8	20.7	20.7
51	20.2	20.1	20.2	20.1	20.4	20.6	20.8	20	19.9	19.8	19.7	19.7
54	19.1	19	19.1	19	19.4	19.6	19.8	19	18.8	18.7	18.6	18.6
57	18	17.9	18	17.9	18.2	18.5	18.7	17.8	17.7	17.5	17.5	17.4
60	16.9	16.8	16.9	16.8	17.1	17.3	17.5	16.7	16.5	16.3	16.3	16.3
63	15.7	15.6	15.7	15.6	15.8	16.1	16.3	15.5	15.3	15.1	15	15
66	14.5	14.4	14.5	14.4	14.6	14.8	15.1	14.2	14	13.9	13.8	13.7
69	13.2	13.1	13.2	13.1	13.3	13.5	13.8	12.9	12.7	12.5	12.4	12.4
72	11.9	11.8	11.9	11.8	12	12.2	12.5	11.6	11.4	11.2	11.1	11.1
75	10.7	10.6	10.7	10.6	10.7	10.9	11.2	10.3	10	9.9	9.8	9.7
78	9.5	9.3	9.5	9.3	9.4	9.6	9.9	9	8.87	8.69	8.59	8.56
81	8.51	8.37	8.6	7.94	8.26	8.48	8.75	7.83	7.61	7.46	7.36	7.35
84	7.59	7.74	7.52	6.89	7.05	7.26	7.55	6.64	6.44	6.3	6.22	6.2
87	6.55	6.68	6.41	5.92	5.95	6.12	6.37	5.6	5.41	5.28	5.22	5.21
90	5.56	5.62	5.41	5.05	4.9	5.09	5.33	4.69	4.56	4.47	4.42	4.39