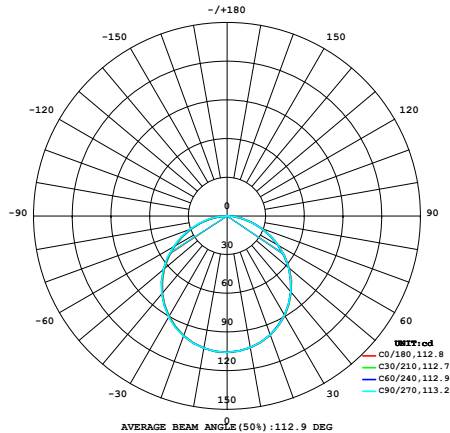


LAMP PHOTOMETRIC REPORT

MODEL: 99XLED609		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 306.25 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	103.8	103.7	103.7	103.8	104.0	104.2	104.2	104.1	0- 10	10.01	10.01	3.27
20	98.33	97.98	98.01	98.26	98.63	98.94	99.07	98.85	10- 20	28.69	38.70	12.6
30	89.44	88.92	88.99	89.35	89.86	90.31	90.53	90.23	20- 30	43.56	82.25	26.9
40	77.52	76.89	76.97	77.41	78.02	78.59	78.89	78.48	30- 40	52.62	134.9	44
50	63.01	62.28	62.39	62.90	63.56	64.21	64.60	64.15	40- 50	54.68	189.6	61.9
60	46.52	45.73	45.91	46.45	47.05	47.77	48.28	47.83	50- 60	49.47	239.0	78
70	29.10	28.31	28.60	29.13	29.60	30.36	31.01	30.51	60- 70	37.90	276.9	90.4
80	12.52	11.85	12.17	12.62	13.06	13.67	14.22	13.88	70- 80	22.34	299.3	97.7
90	0.1696	0.1597	0.1606	0.1592	0.1769	0.2405	0.3609	0.1688	80- 90	6.717	306.0	99.9
100	0.2152	0.2261	0.2395	0.2272	0.1934	0.1852	0.1932	0.1999	90-100	0.2057	306.2	100
110	0	0	0	0	0	0	0	0	100-110	0.0564	306.2	100
120	0	0	0	0	0	0	0	0	110-120	0	306.2	100
130	0	0	0	0	0	0	0	0	120-130	0	306.2	100
140	0	0	0	0	0	0	0	0	130-140	0	306.2	100
150	0	0	0	0	0	0	0	0	140-150	0	306.2	100
160	0	0	0	0	0	0	0	0	150-160	0	306.2	100
170	0	0	0	0	0	0	0	0	160-170	0	306.2	100
180	0	0	0	0	0	0	0	0	170-180	0	306.2	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:05 August 2022

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

MODEL: 99XLED609		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
5	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
10	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
15	102	101	101	101	101	101	101	101	101	101	101	101	101	101	101	102	102	102	102
20	98.3	98.3	98.1	98.1	98.0	98.0	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.2	98.3	98.4	98.4	98.5	98.6
25	94.3	94.2	94.1	94.0	93.9	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.1	94.2	94.2	94.4	94.4	94.5	94.7
30	89.4	89.3	89.2	89.1	88.9	88.9	88.8	88.9	88.9	89.0	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.9
35	83.8	83.7	83.5	83.4	83.3	83.2	83.1	83.2	83.2	83.3	83.3	83.5	83.5	83.7	83.8	83.9	84.0	84.2	84.3
40	77.5	77.4	77.2	77.1	76.9	76.9	76.8	76.9	76.8	77.0	77.0	77.2	77.2	77.4	77.4	77.6	77.7	77.9	78.0
45	70.6	70.4	70.2	70.1	69.9	69.9	69.7	69.9	69.8	70.0	70.0	70.2	70.2	70.4	70.5	70.7	70.7	70.9	71.1
50	63.0	62.9	62.6	62.5	62.3	62.3	62.2	62.3	62.2	62.4	62.4	62.6	62.6	62.9	62.9	63.1	63.2	63.4	63.6
55	55.0	54.8	54.5	54.4	54.2	54.2	54.1	54.2	54.2	54.4	54.3	54.6	54.6	54.9	54.9	55.1	55.2	55.4	55.5
60	46.5	46.3	46.0	46.0	45.7	45.7	45.6	45.7	45.7	45.9	45.9	46.2	46.2	46.4	46.5	46.7	46.7	46.9	47.0
65	37.8	37.6	37.3	37.2	37.1	37.0	37.0	37.1	37.1	37.3	37.3	37.5	37.6	37.8	37.8	38.0	38.1	38.2	38.4
70	29.1	28.9	28.6	28.5	28.3	28.3	28.3	28.4	28.4	28.6	28.6	28.9	28.9	29.1	29.1	29.3	29.3	29.5	29.6
75	20.6	20.3	20.0	20.0	19.8	19.8	19.8	19.9	19.9	20.1	20.2	20.4	20.4	20.6	20.7	20.8	20.8	21.0	21.1
80	12.5	12.3	12.0	12.0	11.8	11.9	11.8	12.0	11.9	12.2	12.2	12.4	12.4	12.6	12.6	12.8	12.8	13.0	13.1
85	5.37	5.23	5.00	4.94	4.80	4.81	4.75	4.83	4.81	4.94	4.95	5.11	5.14	5.32	5.36	5.55	5.59	5.77	5.87
90	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.16	0.16	0.16	0.17	0.17	0.18
95	0.16	0.19	0.16	0.19	0.17	0.19	0.17	0.20	0.18	0.20	0.18	0.20	0.17	0.19	0.17	0.19	0.17	0.19	0.17
100	0.22	0.23	0.22	0.23	0.22	0.23	0.23	0.24	0.23	0.24	0.23	0.24	0.23	0.23	0.22	0.23	0.22	0.23	0.19
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:05 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

MODEL: 99XLED609		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106		
5	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		
10	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104		
15	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102		
20	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.0	99.0	98.9	98.8	98.7	98.6	98.4		
25	94.7	94.9	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.1	95.1	95.0	94.9	94.7	94.6	94.4		
30	89.9	90.1	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.4	90.3	90.2	90.0	89.9	89.6		
35	84.3	84.5	84.6	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.0	85.0	84.7	84.7	84.4	84.3	84.0		
40	78.1	78.3	78.4	78.6	78.6	78.8	78.8	78.9	78.9	78.9	78.8	78.8	78.5	78.4	78.2	78.1	77.7		
45	71.1	71.4	71.4	71.7	71.7	71.9	71.9	72.1	72.0	72.1	72.0	71.9	71.7	71.6	71.3	71.1	70.8		
50	63.6	63.9	63.9	64.2	64.2	64.4	64.5	64.6	64.6	64.7	64.5	64.5	64.2	64.1	63.8	63.6	63.3		
55	55.6	55.8	55.9	56.2	56.2	56.5	56.5	56.7	56.6	56.7	56.6	56.5	56.2	56.1	55.8	55.6	55.2		
60	47.1	47.4	47.5	47.7	47.8	48.1	48.1	48.3	48.3	48.4	48.2	48.2	47.9	47.8	47.4	47.2	46.8		
65	38.4	38.7	38.7	39.0	39.2	39.4	39.5	39.7	39.7	39.8	39.6	39.6	39.3	39.1	38.8	38.5	38.1		
70	29.7	29.9	30.0	30.3	30.4	30.7	30.8	31.0	31.0	31.1	30.9	30.9	30.6	30.4	30.0	29.8	29.4		
75	21.1	21.3	21.4	21.7	21.8	22.1	22.2	22.4	22.4	22.5	22.4	22.3	22.1	21.9	21.5	21.3	20.9		
80	13.1	13.3	13.3	13.6	13.7	14.0	14.1	14.3	14.2	14.3	14.2	14.2	13.9	13.8	13.4	13.2	12.8		
85	5.90	6.11	6.15	6.36	6.42	6.65	6.68	6.84	6.77	6.83	6.68	6.68	6.47	6.42	6.02	5.88	5.58		
90	0.18	0.24	0.22	0.23	0.25	0.34	0.37	0.41	0.36	0.36	0.30	0.26	0.18	0.16	0.15	0.13	0.14		
95	0.14	0.16	0.14	0.16	0.14	0.16	0.14	0.17	0.15	0.17	0.15	0.17	0.15	0.17	0.14	0.17	0.14		
100	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.19	0.20	0.19		
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:05 August 2022

γ Range: 0 - 100DEG

γ Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.265m [K=1.0000]

Remarks: