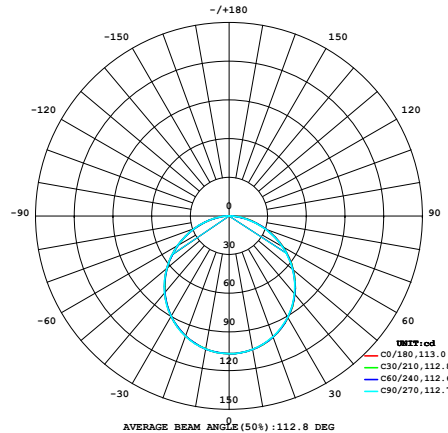


LAMP PHOTOMETRIC REPORT

MODEL: 99XLED609CW		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 308.45 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	105.2	105.2	105.1	104.9	104.8	104.7	104.9	105.1	0- 10	10.11	10.11	3.28
20	99.91	99.85	99.65	99.34	99.09	98.99	99.23	99.65	10- 20	28.97	39.08	12.7
30	91.21	91.10	90.80	90.39	90.00	89.83	90.17	90.83	20- 30	43.97	83.05	26.9
40	79.40	79.29	78.88	78.36	77.85	77.61	78.04	78.88	30- 40	53.10	136.1	44.1
50	64.96	64.82	64.34	63.73	63.12	62.79	63.29	64.33	40- 50	55.15	191.3	62
60	48.47	48.27	47.74	47.13	46.46	45.97	46.51	47.77	50- 60	49.86	241.2	78.2
70	30.98	30.63	30.11	29.64	28.94	28.48	29.05	30.25	60- 70	38.15	279.3	90.5
80	14.09	13.71	13.26	12.92	12.30	11.83	12.40	13.60	70- 80	22.39	301.7	97.8
90	0.3414	0.2848	0.2230	0.1604	0.1421	0.1392	0.1900	0.2081	80- 90	6.534	308.2	99.9
100	0.2101	0.2085	0.2258	0.2202	0.2019	0.2017	0.2122	0.2080	90-100	0.2007	308.4	100
110	0	0	0	0	0	0	0	0	100-110	0.0284	308.5	100
120	0	0	0	0	0	0	0	0	110-120	0	308.5	100
130	0	0	0	0	0	0	0	0	120-130	0	308.5	100
140	0	0	0	0	0	0	0	0	130-140	0	308.5	100
150	0	0	0	0	0	0	0	0	140-150	0	308.5	100
160	0	0	0	0	0	0	0	0	150-160	0	308.5	100
170	0	0	0	0	0	0	0	0	160-170	0	308.5	100
180	0	0	0	0	0	0	0	0	170-180	0	308.5	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
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: 99XLED609CW		
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	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
5	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
10	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
15	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	102	102	102
20	99.9	99.9	99.9	99.9	99.9	99.8	99.8	99.7	99.7	99.6	99.6	99.5	99.4	99.4	99.3	99.3	99.2	99.1	99.1
25	96.0	96.0	95.9	95.9	95.9	95.9	95.8	95.8	95.6	95.6	95.5	95.5	95.3	95.3	95.2	95.2	95.1	95.0	94.9
30	91.2	91.2	91.2	91.2	91.1	91.1	91.0	91.0	90.8	90.8	90.7	90.6	90.5	90.4	90.3	90.2	90.1	90.1	90.0
35	85.7	85.7	85.6	85.6	85.6	85.5	85.4	85.4	85.3	85.2	85.1	85.0	84.9	84.8	84.7	84.6	84.4	84.4	84.3
40	79.4	79.4	79.4	79.4	79.3	79.3	79.1	79.1	78.9	78.9	78.7	78.7	78.5	78.4	78.3	78.2	78.1	77.9	77.9
45	72.5	72.5	72.5	72.5	72.4	72.3	72.2	72.1	72.0	71.9	71.8	71.7	71.5	71.4	71.3	71.2	71.0	70.9	70.8
50	65.0	65.0	64.9	64.9	64.8	64.8	64.7	64.6	64.4	64.3	64.2	64.1	63.9	63.8	63.6	63.6	63.4	63.3	63.1
55	56.9	56.9	56.9	56.9	56.8	56.7	56.6	56.5	56.3	56.3	56.1	56.0	55.8	55.7	55.5	55.5	55.3	55.1	55.0
60	48.5	48.5	48.4	48.4	48.3	48.2	48.1	48.0	47.8	47.7	47.6	47.5	47.3	47.2	47.1	47.0	46.8	46.6	46.5
65	39.8	39.8	39.7	39.7	39.5	39.5	39.3	39.2	39.0	39.0	38.8	38.7	38.6	38.5	38.3	38.2	38.0	37.9	37.7
70	31.0	31.0	30.9	30.8	30.7	30.6	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.7	29.6	29.5	29.3	29.1	28.9
75	22.3	22.3	22.2	22.1	22.0	21.9	21.7	21.6	21.5	21.4	21.3	21.3	21.2	21.1	21.0	20.9	20.7	20.5	20.4
80	14.1	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.3	13.3	13.2	13.1	13.0	13.0	12.8	12.8	12.6	12.5	12.3
85	6.58	6.60	6.56	6.49	6.39	6.29	6.16	6.10	5.99	5.95	5.86	5.81	5.70	5.62	5.50	5.38	5.25	5.15	5.05
90	0.34	0.36	0.37	0.34	0.29	0.28	0.30	0.29	0.26	0.22	0.20	0.16	0.17	0.16	0.16	0.16	0.16	0.16	0.14
95	0.16	0.19	0.16	0.19	0.16	0.19	0.16	0.19	0.17	0.19	0.17	0.19	0.17	0.20	0.17	0.19	0.17	0.19	0.17
100	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.23	0.22	0.22	0.22	0.23	0.22	0.23	0.20
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: MEDIUM
Temperature:25.3°C
Operators:
Test Date:05 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
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: 99XLED609CW		
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	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107		
5	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106		
10	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		
15	102	102	102	102	102	102	102	102	102	103	103	103	103	103	103	103	103		
20	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8		
25	94.9	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.1	95.2	95.3	95.5	95.6	95.7	95.8	95.9	95.9		
30	89.9	89.9	89.8	89.8	89.8	89.9	90.0	90.1	90.2	90.4	90.5	90.6	90.8	90.9	91.0	91.1	91.2		
35	84.1	84.1	84.0	84.1	84.1	84.1	84.2	84.3	84.5	84.7	84.8	85.0	85.1	85.3	85.4	85.5	85.6		
40	77.7	77.7	77.6	77.6	77.6	77.7	77.8	77.9	78.0	78.3	78.4	78.6	78.8	79.0	79.1	79.3	79.3		
45	70.6	70.5	70.5	70.5	70.5	70.6	70.7	70.8	70.9	71.2	71.4	71.6	71.8	72.0	72.2	72.3	72.4		
50	63.0	62.9	62.8	62.8	62.8	62.9	63.0	63.1	63.3	63.5	63.7	64.0	64.2	64.5	64.6	64.8	64.9		
55	54.8	54.7	54.6	54.6	54.6	54.7	54.8	54.9	55.1	55.4	55.6	55.9	56.1	56.4	56.6	56.8	56.8		
60	46.3	46.1	46.0	46.0	46.0	46.0	46.1	46.3	46.5	46.8	47.1	47.4	47.6	47.9	48.1	48.3	48.4		
65	37.5	37.4	37.3	37.3	37.3	37.4	37.5	37.6	37.7	38.0	38.3	38.6	38.9	39.2	39.4	39.6	39.7		
70	28.8	28.7	28.5	28.5	28.5	28.5	28.6	28.8	29.1	29.3	29.5	29.8	30.1	30.4	30.6	30.8	30.9		
75	20.2	20.0	19.9	19.9	19.9	19.9	20.0	20.2	20.5	20.8	21.0	21.3	21.5	21.8	22.0	22.2	22.3		
80	12.1	12.0	11.9	11.8	11.8	11.9	12.0	12.2	12.4	12.7	13.0	13.3	13.5	13.7	13.8	13.9	14.0		
85	4.91	4.88	4.77	4.79	4.74	4.86	4.91	5.10	5.20	5.45	5.62	5.92	6.11	6.25	6.29	6.42	6.50		
90	0.14	0.14	0.13	0.14	0.14	0.15	0.17	0.16	0.19	0.19	0.22	0.23	0.22	0.20	0.18	0.23	0.29		
95	0.15	0.17	0.15	0.18	0.15	0.17	0.16	0.18	0.17	0.19	0.16	0.18	0.15	0.17	0.14	0.17	0.14		
100	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.22	0.21	0.22	0.21	0.21	0.21	0.21	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: MEDIUM

Temperature:25.3°C

Operators:

Test Date:05 August 2022

γ Range: 0 - 100DEG

γ Interval: 2.5DEG

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

Humidity:65.0%

Test Distance:6.265m [K=1.0000]

Remarks: