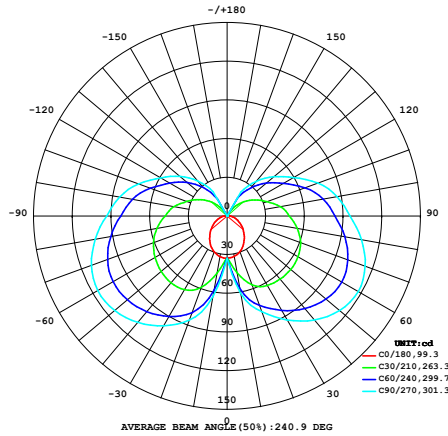


LAMP PHOTOMETRIC REPORT

MODEL: 99LBL08/CH		
POWER: 8W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 661.30 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	31.91	51.50	60.68	50.92	32.05	52.20	63.39	52.65	0- 10	4.133	4.133	0.62
20	29.39	67.06	79.05	66.78	29.65	71.32	86.00	71.41	10- 20	16.55	20.68	3.13
30	25.54	74.54	93.06	74.19	25.86	79.95	98.28	79.73	20- 30	31.53	52.21	7.9
40	20.93	80.35	105.3	79.82	21.19	84.05	107.8	83.85	30- 40	46.46	98.67	14.9
50	16.19	84.15	114.0	83.56	16.30	85.88	113.9	85.79	40- 50	59.94	158.6	24
60	11.80	85.24	117.4	84.69	11.74	85.47	115.9	85.43	50- 60	70.42	229.0	34.6
70	7.996	82.47	113.9	82.09	7.823	82.17	111.9	82.11	60- 70	76.08	305.1	46.1
80	4.765	76.42	105.8	76.10	4.522	75.94	103.8	75.77	70- 80	75.89	381.0	57.6
90	2.022	68.33	95.37	67.93	1.748	67.69	93.36	67.42	80- 90	70.55	451.6	68.3
100	0.4107	61.45	86.68	61.14	0.4189	60.75	84.73	60.39	90-100	62.65	514.2	77.8
110	0.4377	50.39	74.94	50.11	0.4567	50.20	73.17	49.61	100-110	52.39	566.6	85.7
120	0.4863	39.66	59.77	39.43	0.5026	40.39	59.37	39.79	110-120	39.55	606.2	91.7
130	0.5215	30.11	47.55	29.96	0.5431	30.72	48.00	30.05	120-130	27.83	634.0	95.9
140	0.5620	20.21	35.19	19.58	0.5783	20.09	35.46	20.03	130-140	17.66	651.6	98.5
150	0.6053	10.42	21.75	8.760	0.6026	8.873	21.94	10.08	140-150	8.999	660.6	99.9
160	0	0	0	0	0	0	0	0	150-160	0.6621	661.3	100
170	0	0	0	0	0	0	0	0	160-170	0	661.3	100
180	0	0	0	0	0	0	0	0	170-180	0	661.3	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:13 December 2022

 γ Range: 0 - 150DEG

 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: 99LBL08/CH		
POWER: 8W	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	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
5	32.6	33.7	35.7	37.8	40.0	41.8	43.4	44.5	45.3	45.3	45.2	44.1	43.0	41.1	39.3	37.1	35.0	33.1	32.6
10	31.9	35.1	39.9	44.8	49.5	53.5	56.7	59.0	60.4	60.7	60.4	58.7	56.5	52.9	48.9	44.0	39.1	34.3	32.1
15	30.8	36.2	43.9	51.3	58.1	63.5	67.4	69.8	71.3	71.6	71.3	69.6	67.2	63.1	57.7	50.7	43.1	35.4	31.0
20	29.4	37.1	47.2	56.8	64.4	69.7	73.8	76.7	78.6	79.0	78.6	76.5	73.7	69.4	64.1	56.3	46.6	36.3	29.7
25	27.6	37.5	49.8	60.5	68.1	74.2	79.2	83.1	85.4	86.1	85.4	82.8	79.1	73.9	67.9	60.1	49.3	36.7	27.9
30	25.5	37.4	51.5	62.3	70.8	78.3	84.5	89.3	92.2	93.1	92.2	88.9	84.3	77.8	70.5	62.0	51.0	36.6	25.9
35	23.3	36.9	52.1	63.3	73.2	82.0	89.4	95.1	98.5	99.6	98.5	94.7	89.2	81.5	72.8	62.9	51.7	36.1	23.6
40	20.9	36.2	51.7	64.0	75.3	85.4	93.8	100	104	105	104	99.8	93.5	84.8	74.8	63.5	51.3	35.3	21.2
45	18.5	35.2	51.0	64.4	77.0	88.2	97.4	104	109	110	109	104	97.1	87.5	76.4	63.8	50.4	34.2	18.7
50	16.2	33.9	49.9	64.5	78.1	90.2	100	108	112	114	112	108	100.0	89.6	77.5	63.8	49.3	32.9	16.3
55	13.9	32.3	48.7	64.2	78.6	91.5	102	110	115	117	115	110	102	90.9	78.0	63.4	48.0	31.3	14.0
60	11.8	30.3	47.3	63.5	78.6	91.9	103	111	116	117	116	111	103	91.4	78.0	62.7	46.5	29.3	11.7
65	9.83	28.3	45.7	62.3	77.7	91.1	102	110	115	116	115	110	102	90.7	77.2	61.6	44.8	27.3	9.70
70	8.00	26.3	43.8	60.7	75.9	89.1	99.6	108	112	114	113	108	99.7	88.7	75.4	59.9	42.9	25.2	7.82
75	6.32	24.2	41.7	58.2	73.2	86.2	96.6	104	109	110	109	104	96.7	85.9	72.8	57.6	40.8	23.1	6.10
80	4.77	21.9	39.0	55.3	70.1	82.8	92.7	100	104	106	105	100	92.8	82.5	69.7	54.6	38.2	20.9	4.52
85	3.31	19.4	36.0	51.9	66.3	78.7	88.3	95.4	99.4	101	99.5	95.4	88.4	78.4	65.9	51.3	35.3	18.5	3.05
90	2.02	16.5	32.6	48.2	62.3	74.3	83.6	90.4	94.2	95.4	94.3	90.3	83.6	74.0	61.9	47.6	31.8	15.6	1.75
95	0.66	14.2	30.4	45.7	59.4	71.0	79.9	86.4	90.0	91.2	90.1	86.3	79.9	70.7	59.0	45.0	29.6	13.4	0.79
100	0.41	11.4	26.8	42.3	55.8	67.1	75.8	82.1	85.5	86.7	85.6	82.0	75.8	66.8	55.4	41.7	26.1	10.7	0.42
105	0.42	8.98	22.9	37.4	50.9	62.2	70.7	76.9	80.3	81.4	80.4	76.8	70.7	61.9	50.6	36.9	22.3	8.38	0.44
110	0.44	6.83	19.8	32.7	44.9	55.8	64.3	70.4	73.8	74.9	73.8	70.3	64.2	55.6	44.6	32.3	19.3	6.36	0.46
115	0.46	4.73	16.7	28.9	39.8	49.4	57.1	62.9	66.2	67.3	66.2	62.8	57.0	49.1	39.5	28.5	16.3	4.49	0.48
120	0.49	2.85	13.7	25.1	35.3	44.0	50.8	55.9	58.7	59.8	58.8	55.8	50.8	43.8	35.1	24.8	13.4	2.60	0.50
125	0.51	1.07	10.9	21.3	30.9	39.1	45.3	49.9	52.5	53.4	52.6	49.8	45.2	38.9	30.7	21.0	10.6	0.95	0.52
130	0.52	0.57	8.03	17.4	26.3	34.0	39.9	44.2	46.7	47.5	46.7	44.2	39.9	33.8	26.1	17.2	7.90	0.63	0.54
135	0.54	0.57	5.32	13.7	21.6	28.7	34.2	38.4	40.7	41.6	40.8	38.3	34.2	28.6	21.5	13.4	5.21	0.60	0.56
140	0.56	0.58	2.78	10.1	17.1	23.3	28.4	32.2	34.4	35.2	34.4	32.2	28.4	23.0	16.2	9.36	2.53	0.62	0.58
145	0.58	0.60	0.68	6.50	12.6	18.0	22.4	25.8	27.8	28.6	27.9	25.8	22.1	16.7	11.1	5.74	0.78	0.63	0.60
150	0.61	0.61	0.63	3.06	8.12	12.7	16.6	19.4	21.2	21.8	21.2	19.3	15.1	10.8	6.73	2.57	0.70	0.64	0.60
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:13 December 2022

γ Range: 0 - 150DEG

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: 99LBL08/CH		
POWER: 8W	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	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8		
5	33.5	35.4	37.7	39.8	41.9	43.5	44.9	45.6	46.1	45.8	45.2	43.9	42.3	40.4	38.3	36.0	34.0		
10	34.9	39.7	45.0	49.9	54.5	58.1	61.1	62.6	63.4	62.8	61.2	58.5	54.9	50.4	45.5	40.3	35.4		
15	36.3	44.1	52.3	59.9	66.5	71.1	74.6	76.4	77.1	76.5	74.6	71.3	66.7	60.3	52.7	44.6	36.6		
20	37.3	48.0	58.9	67.9	74.7	79.7	83.4	85.3	86.0	85.3	83.2	79.8	74.7	68.1	59.1	48.3	37.5		
25	37.9	51.3	63.5	72.9	80.2	85.5	89.5	91.8	92.6	91.8	89.3	85.5	80.0	72.9	63.6	51.4	38.0		
30	38.1	53.6	66.1	76.0	83.9	90.0	94.6	97.4	98.3	97.4	94.4	89.9	83.6	75.9	66.0	53.5	38.0		
35	37.8	54.4	67.3	78.0	86.7	93.7	99.1	102	103	102	99.0	93.7	86.4	77.8	67.1	54.3	37.6		
40	37.2	54.1	67.7	79.2	88.9	96.9	103	107	108	107	103	96.9	88.7	79.0	67.5	53.9	36.8		
45	36.2	53.2	67.5	79.9	90.6	99.3	106	110	111	110	106	99.4	90.4	79.8	67.3	53.0	35.8		
50	34.8	52.0	66.9	80.1	91.6	101	108	113	114	113	108	101	91.5	80.1	66.7	51.7	34.4		
55	32.9	50.4	65.9	79.9	92.1	102	110	114	116	114	109	102	92.0	79.8	65.8	50.2	32.6		
60	30.8	48.6	64.5	79.1	91.8	102	110	114	116	115	110	102	91.7	79.1	64.4	48.4	30.5		
65	28.7	46.6	62.9	77.9	90.7	101	109	113	115	113	108	101	90.6	77.8	62.8	46.4	28.4		
70	26.5	44.3	60.9	75.9	88.5	98.6	106	111	112	111	106	98.7	88.4	75.8	60.7	44.1	26.2		
75	24.3	41.9	58.3	73.0	85.5	95.6	103	107	108	107	103	95.7	85.4	73.0	58.2	41.7	23.9		
80	21.9	39.3	55.4	69.9	82.0	91.6	98.5	103	104	103	98.4	91.7	81.8	69.7	55.2	38.9	21.5		
85	19.5	36.3	52.0	66.2	78.0	87.3	93.9	97.8	98.8	97.9	93.8	87.3	77.7	65.9	51.7	35.9	19.0		
90	16.5	32.7	48.1	61.9	73.4	82.5	88.8	92.5	93.4	92.5	88.6	82.4	73.2	61.7	47.8	32.4	16.1		
95	14.4	30.5	45.5	58.9	70.1	78.7	84.8	88.3	89.2	88.3	84.6	78.7	69.8	58.6	45.1	30.0	13.8		
100	11.7	27.1	42.1	55.3	66.2	74.6	80.5	83.8	84.7	83.8	80.2	74.5	65.8	55.0	41.6	26.5	11.1		
105	9.21	23.6	37.5	50.6	61.3	69.6	75.3	78.7	79.5	78.6	75.1	69.4	60.8	50.0	36.9	23.0	8.59		
110	6.98	20.4	33.4	45.1	55.3	63.4	69.0	72.3	73.2	72.2	68.6	63.0	54.7	44.6	32.8	19.7	6.37		
115	4.91	17.2	29.6	40.5	49.6	56.8	62.0	65.1	65.9	65.0	61.6	56.4	49.0	40.0	28.9	16.5	4.24		
120	2.82	14.2	25.7	36.1	44.6	51.3	55.9	58.7	59.4	58.6	55.6	50.9	44.1	35.5	24.9	13.4	2.08		
125	0.98	11.2	21.8	31.6	39.7	46.0	50.4	53.0	53.7	52.9	50.1	45.6	39.1	30.9	21.0	10.4	0.88		
130	0.62	8.31	17.9	26.9	34.5	40.6	44.8	47.3	48.0	47.2	44.4	40.1	33.9	26.2	17.1	7.56	0.57		
135	0.58	5.39	13.8	22.1	29.2	34.8	38.8	41.3	41.9	41.1	38.5	34.4	28.6	21.6	13.3	4.77	0.54		
140	0.58	2.39	9.60	16.7	23.5	28.8	32.6	34.9	35.5	34.7	32.2	28.5	23.2	16.9	9.64	1.82	0.54		
145	0.59	0.72	5.77	11.4	17.0	22.4	26.1	28.2	28.8	28.1	25.8	22.5	17.8	12.2	5.95	0.64	0.57		
150	0.61	0.65	2.30	6.77	11.0	15.4	19.4	21.3	21.9	21.3	19.4	16.4	12.5	7.70	2.08	0.62	0.59		
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:13 December 2022

γ Range: 0 - 150DEG

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: