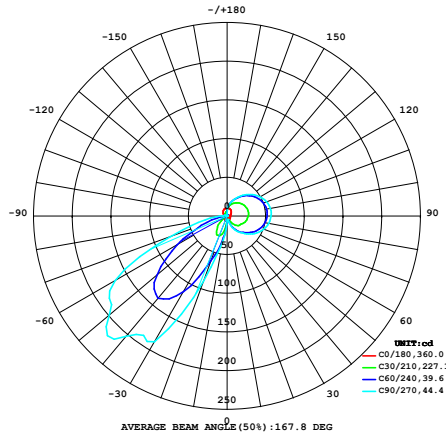


LAMP PHOTOMETRIC REPORT

MODEL: 99LWL06/WH		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 294.41 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	6.544	5.784	4.954	4.289	6.548	24.24	33.00	19.90	0- 10	0.9901	0.9901	0.34
20	6.623	6.508	11.38	4.193	6.404	43.86	89.82	34.26	10- 20	5.159	6.149	2.09
30	6.319	15.32	21.00	9.736	5.990	59.81	187.8	43.54	20- 30	15.48	21.63	7.35
40	5.224	22.46	28.43	14.95	4.864	61.81	203.3	42.57	30- 40	28.87	50.51	17.2
50	4.046	26.97	36.41	18.44	3.833	48.08	199.0	29.75	40- 50	37.80	88.31	30
60	3.500	32.06	44.15	21.75	3.199	25.86	167.1	14.33	50- 60	37.48	125.8	42.7
70	3.530	36.31	50.44	24.89	3.175	9.551	78.62	6.491	60- 70	30.65	156.4	53.1
80	2.671	39.20	54.74	27.12	2.707	6.036	28.92	4.425	70- 80	23.63	180.1	61.2
90	2.035	40.83	56.96	28.41	1.567	4.657	6.386	3.213	80- 90	20.33	200.4	68.1
100	3.341	41.20	56.92	28.87	2.726	3.426	4.485	2.355	90-100	19.43	219.8	74.7
110	4.762	40.02	54.39	28.25	4.160	3.224	2.710	2.451	100-110	18.42	238.2	80.9
120	6.117	37.43	49.60	26.58	5.560	2.236	2.071	1.769	110-120	16.52	254.8	86.5
130	7.396	33.69	43.16	24.09	6.903	2.020	0.5230	2.037	120-130	13.79	268.6	91.2
140	8.574	29.16	35.80	21.02	8.154	2.353	0.3793	2.214	130-140	10.68	279.2	94.8
150	9.561	24.24	28.33	17.64	9.250	2.477	0.3736	1.864	140-150	7.598	286.8	97.4
160	10.28	19.27	21.31	14.16	10.09	2.606	0.2767	1.998	150-160	4.781	291.6	99.1
170	10.29	14.21	14.62	10.05	9.830	2.215	0.2167	0.2306	160-170	2.291	293.9	99.8
180	6.497	6.599	3.559	1.186	6.449	6.602	3.599	1.184	170-180	0.5047	294.4	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:16 December 2022

γ Range: 0 - 180DEG
 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: 99LWL06/WH		
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	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09
5	6.82	6.47	6.34	6.23	6.16	6.03	6.00	5.81	5.65	5.35	5.22	4.91	4.73	4.49	4.44	4.65	5.15	5.82	6.91
10	6.54	6.49	6.42	6.14	5.92	5.65	5.53	5.32	5.18	4.95	4.81	4.60	4.44	4.32	4.26	4.01	3.92	4.53	6.55
15	6.40	6.39	6.15	5.73	5.62	5.49	5.72	5.93	6.18	5.98	5.66	4.91	4.38	4.05	3.82	3.74	3.79	3.80	6.51
20	6.62	6.26	5.67	5.32	5.66	7.33	9.55	10.94	11.7	11.4	10.6	8.89	6.83	4.70	3.71	3.40	3.57	3.70	6.40
25	6.48	5.86	5.13	5.43	8.67	12.5	15.3	16.5	17.2	16.6	15.7	13.7	11.4	8.10	4.85	3.31	3.19	3.50	6.33
30	6.32	5.25	4.73	7.68	13.4	17.2	19.8	21.1	21.7	21.0	19.9	17.7	15.0	11.7	7.88	3.85	2.86	3.19	5.99
35	5.82	4.52	4.98	11.62	17.3	21.0	23.9	25.3	26.1	25.2	23.9	21.3	18.3	14.5	10.7	5.95	2.72	2.74	5.46
40	5.22	3.93	7.09	14.9	20.4	24.4	27.5	28.8	29.4	28.4	27.2	24.5	21.3	17.1	12.9	8.29	3.14	2.34	4.86
45	4.61	3.78	10.23	17.5	23.1	26.9	30.1	32.1	33.2	32.2	30.6	27.1	23.4	19.3	14.8	10.0	4.66	2.08	4.28
50	4.05	3.92	12.7	19.5	24.6	29.3	33.7	36.2	37.5	36.4	34.5	30.6	26.1	20.7	16.3	11.5	6.45	2.00	3.83
55	3.67	4.75	14.3	20.4	26.5	32.4	37.3	40.0	41.6	40.4	38.3	33.9	28.9	22.8	17.1	12.5	7.70	2.06	3.44
60	3.50	6.68	15.1	21.4	28.8	35.2	40.6	43.7	45.4	44.1	41.8	37.1	31.6	24.9	18.7	12.8	8.52	2.59	3.20
65	3.49	8.49	15.0	22.9	30.9	37.7	43.6	46.9	48.8	47.5	45.0	39.9	34.0	26.9	20.2	13.7	8.61	3.90	3.14
70	3.53	8.63	15.9	24.2	32.6	39.9	46.2	49.7	51.8	50.4	47.8	42.4	36.1	28.5	21.4	14.6	8.83	4.64	3.17
75	3.51	8.35	16.7	25.4	34.1	41.7	48.3	52.1	54.3	52.9	50.1	44.5	37.9	29.9	22.5	15.4	9.39	4.36	3.16
80	2.67	8.78	17.3	26.2	35.2	43.1	49.9	53.8	56.2	54.7	51.9	46.1	39.2	31.1	23.4	16.0	9.85	4.57	2.71
85	1.97	9.11	17.8	26.9	36.0	44.1	51.1	55.2	57.5	56.1	53.2	47.2	40.2	31.9	24.0	16.5	10.2	4.83	1.57
90	2.03	9.44	18.3	27.5	36.7	44.9	51.8	56.0	58.4	57.0	54.1	48.0	40.9	32.5	24.5	16.9	10.5	5.05	1.57
95	2.64	10.01	18.8	27.9	37.1	45.2	52.2	56.3	58.7	57.3	54.4	48.4	41.3	32.9	24.9	17.3	10.9	5.42	2.03
100	3.34	10.53	19.2	28.1	37.2	45.1	52.0	56.0	58.4	56.9	54.1	48.2	41.2	32.9	25.0	17.5	11.2	5.79	2.73
105	4.06	10.98	19.4	28.1	36.9	44.6	51.2	55.1	57.3	56.0	53.2	47.5	40.7	32.6	25.0	17.6	11.4	6.13	3.45
110	4.76	11.36	19.4	27.8	36.3	43.7	50.0	53.7	55.7	54.4	51.7	46.3	39.8	32.0	24.7	17.5	11.5	6.41	4.16
115	5.45	11.66	19.4	27.3	35.4	42.3	48.2	51.6	53.6	52.3	49.7	44.6	38.5	31.1	24.1	17.3	11.6	6.66	4.86
120	6.12	11.91	19.2	26.7	34.2	40.6	46.0	49.1	50.9	49.6	47.3	42.5	36.8	29.9	23.4	16.9	11.6	6.86	5.56
125	6.77	12.09	18.9	25.8	32.7	38.6	43.5	46.2	47.7	46.5	44.4	40.0	34.9	28.5	22.5	16.5	11.4	7.02	6.24
130	7.40	12.21	18.5	24.8	31.0	36.3	40.6	43.0	44.3	43.2	41.2	37.3	32.6	26.9	21.4	15.9	11.3	7.16	6.90
135	8.00	12.25	18.0	23.6	29.2	33.8	37.5	39.5	40.6	39.5	37.9	34.3	30.3	25.2	20.2	15.2	11.0	7.26	7.55
140	8.57	12.25	17.4	22.3	27.1	31.1	34.3	35.9	36.7	35.8	34.3	31.3	27.7	23.3	18.9	14.5	10.7	7.31	8.15
145	9.10	12.18	16.6	21.0	25.1	28.4	31.0	32.2	32.9	32.0	30.8	28.2	25.1	21.3	17.5	13.7	10.3	7.32	8.73
150	9.56	12.03	15.8	19.5	22.9	25.6	27.7	28.6	29.1	28.3	27.2	25.0	22.5	19.3	16.1	12.8	9.92	7.29	9.25
155	9.96	11.80	14.9	17.9	20.7	22.8	24.4	25.1	25.5	24.7	23.8	22.0	20.0	17.3	14.6	11.8	9.44	7.21	9.71
160	10.28	11.49	13.9	16.3	18.4	20.1	21.3	21.7	22.0	21.3	20.6	19.1	17.4	15.3	13.1	10.8	8.89	6.95	10.09
165	10.49	11.14	12.9	14.6	16.2	17.3	18.2	18.4	18.5	18.0	17.4	16.2	14.9	13.2	11.6	9.65	7.57	5.37	10.29
170	10.29	10.78	11.77	12.8	13.8	14.6	15.0	15.1	15.1	14.6	14.1	13.3	12.3	11.0	9.12	6.61	4.65	3.16	9.83
175	9.09	10.59	10.80	11.13	11.55	11.75	11.9	11.8	11.7	11.3	10.9	10.3	8.75	6.39	4.59	3.16	2.07	1.23	8.36
180	6.50	6.53	6.62	6.61	6.65	6.55	6.47	6.16	5.46	3.56	2.76	2.31	1.91	1.40	0.98	0.66	0.48	0.35	6.45

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:16 December 2022

γ Range: 0 - 180DEG

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: 99LWL06/WH		
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	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09	7.09		
5	7.83	8.99	10.30	12.5	14.8	16.3	17.1	17.4	17.1	16.7	16.0	15.2	14.0	12.7	11.3	9.81	8.22		
10	8.14	10.86	16.5	22.5	25.9	28.6	31.6	33.2	33.0	32.2	30.2	27.2	22.9	17.0	12.9	10.7	7.99		
15	8.18	13.1	24.1	29.3	37.4	45.9	50.2	53.0	52.9	50.9	46.1	38.4	30.2	23.9	15.6	11.0	6.74		
20	7.50	14.6	26.8	36.7	50.8	61.7	75.6	87.4	89.8	84.9	70.1	55.4	41.5	27.3	17.7	11.1	5.79		
25	6.79	13.7	27.4	44.2	60.4	87.5	116	135	140	130	104	75.3	49.6	31.2	17.9	9.11	4.60		
30	6.49	12.35	27.4	47.2	72.1	113	156	186	188	176	141	95.1	56.2	31.5	17.2	6.87	4.00		
35	6.51	9.34	24.2	47.2	80.0	131	186	195	188	200	170	111	59.8	29.7	15.4	5.67	4.03		
40	6.14	7.32	19.6	43.9	79.3	139	196	204	203	227	185	113	58.2	27.7	9.54	4.56	3.85		
45	5.76	6.46	16.9	38.9	74.0	133	203	232	219	221	173	104	50.4	24.7	7.26	4.19	3.79		
50	5.19	6.45	10.36	30.5	65.3	118	192	231	199	186	154	89.8	41.7	18.4	5.79	4.31	3.48		
55	4.63	6.06	7.35	24.1	51.8	96.2	157	200	186	173	128	68.7	31.1	12.1	4.67	4.09	3.11		
60	4.13	5.59	6.59	12.7	38.7	74.7	119	162	167	148	94.1	50.9	21.9	7.15	4.62	3.77	2.70		
65	3.78	4.94	6.41	8.62	29.9	51.3	84.6	116	125	105	62.7	33.8	14.2	5.35	4.41	3.30	2.43		
70	3.55	4.36	5.86	6.59	12.4	35.7	58.1	74.8	78.6	62.7	42.1	23.1	8.22	4.86	3.99	2.84	2.27		
75	3.46	3.92	5.10	6.34	7.82	20.7	34.3	47.3	48.1	42.0	26.0	13.3	5.33	4.55	3.42	2.52	2.20		
80	3.43	3.62	4.42	5.67	6.39	9.51	19.0	29.1	28.9	24.3	15.7	6.69	4.90	3.98	2.88	2.32	2.18		
85	3.36	3.42	3.87	4.95	5.89	6.25	8.82	14.6	15.1	11.6	6.87	5.26	4.35	3.35	2.52	2.21	2.12		
90	2.83	3.31	3.47	4.17	5.13	5.83	5.97	6.30	6.39	5.78	5.36	4.65	3.66	2.79	2.30	2.15	1.55		
95	1.89	3.28	3.25	3.56	4.26	5.11	5.32	5.45	5.28	5.09	4.61	3.83	2.99	2.44	2.21	2.11	1.14		
100	2.39	3.08	3.33	3.26	3.58	4.09	4.53	4.71	4.48	4.22	3.70	3.09	2.49	2.23	2.20	1.61	1.49		
105	3.05	2.58	3.48	3.30	3.22	3.40	3.59	3.66	3.49	3.31	2.87	2.52	2.32	2.28	2.12	1.70	2.04		
110	3.73	3.17	2.63	3.35	3.10	2.96	2.92	2.86	2.71	2.61	2.47	2.30	2.43	2.47	1.79	2.28	2.48		
115	4.40	3.64	2.57	2.78	3.10	2.80	2.60	2.41	2.30	2.24	2.24	2.38	2.43	1.80	2.10	2.68	2.85		
120	5.10	4.09	2.87	2.08	2.39	2.71	2.48	2.22	2.07	2.09	2.24	2.26	1.65	1.88	2.40	2.98	3.22		
125	5.77	4.68	3.13	2.25	1.60	1.52	1.96	1.98	1.82	1.84	1.62	1.30	1.61	2.12	2.63	3.21	3.57		
130	6.41	5.24	3.46	2.41	1.64	1.15	0.80	0.64	0.52	0.61	0.97	1.39	1.78	2.28	2.81	3.53	3.89		
135	7.02	5.74	3.80	2.65	1.76	1.20	0.79	0.53	0.40	0.48	0.95	1.42	1.85	2.39	2.94	3.85	4.22		
140	7.58	6.38	4.05	2.81	1.91	1.29	0.79	0.50	0.38	0.40	0.79	1.39	1.90	2.51	3.16	3.96	4.51		
145	8.08	6.89	4.27	2.91	1.95	1.28	0.77	0.50	0.38	0.43	0.58	0.90	1.82	2.51	3.13	4.25	4.83		
150	8.62	7.20	4.56	3.00	1.97	1.26	0.76	0.50	0.37	0.27	0.33	0.56	1.51	2.20	2.90	4.83	5.18		
155	9.19	8.19	4.68	3.15	1.99	1.26	0.76	0.50	0.31	0.27	0.39	0.80	1.33	2.04	3.41	5.27	5.44		
160	9.55	8.05	5.17	3.13	2.09	1.33	0.76	0.48	0.28	0.17	0.23	0.49	1.43	2.54	3.66	4.32	4.95		
165	9.00	6.92	5.33	3.56	2.05	1.30	0.73	0.36	0.22	0.19	0.17	0.19	0.31	0.70	1.63	2.59	3.37		
170	7.24	5.35	3.88	2.70	1.74	0.95	0.56	0.35	0.22	0.23	0.20	0.23	0.22	0.24	0.40	0.81	1.60		
175	5.60	4.13	3.07	2.11	1.44	0.90	0.58	0.39	0.29	0.31	0.28	0.30	0.27	0.29	0.28	0.30	0.46		
180	6.52	6.61	6.60	6.65	6.55	6.50	6.18	5.48	3.60	2.75	2.32	1.89	1.40	0.98	0.65	0.48	0.34		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:16 December 2022

γ Range: 0 - 180DEG

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: