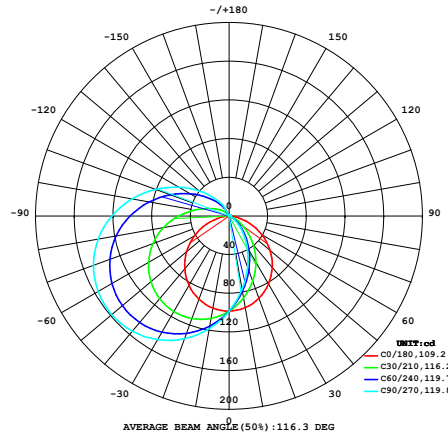


### LAMP PHOTOMETRIC REPORT

MODEL: 99WT06/BL		
POWER: 6W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 501.89 lm



$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%
10	96.27	82.40	77.19	82.98	96.82	111.9	118.3	111.3	0- 10	9.335	9.335	1.86
20	90.51	64.94	56.42	65.99	91.58	121.9	135.0	120.6	10- 20	27.00	36.34	7.24
30	81.42	47.31	37.72	48.67	82.96	127.8	147.7	125.9	20- 30	41.84	78.17	15.6
40	69.52	30.86	22.49	32.32	71.39	129.5	155.6	127.1	30- 40	52.52	130.7	26
50	55.34	17.10	11.49	18.43	57.40	126.8	158.5	124.2	40- 50	58.45	189.1	37.7
60	39.41	7.367	4.710	8.328	41.60	120.2	156.4	117.3	50- 60	59.71	248.8	49.6
70	22.74	2.089	1.299	2.585	24.89	109.9	149.2	106.9	60- 70	56.95	305.8	60.9
80	7.461	0.6665	1.037	0.7169	9.194	96.32	137.4	93.37	70- 80	51.23	357.0	71.1
90	0.2172	0.7814	1.196	0.8235	0.2299	80.07	121.3	77.26	80- 90	43.73	400.8	79.9
100	0.2709	0.9031	1.327	0.9506	0.2682	62.41	102.1	60.02	90-100	35.22	436.0	86.9
110	0.3694	0.9989	1.403	1.051	0.3613	45.40	81.03	43.62	100-110	26.47	462.5	92.1
120	0.4707	1.062	1.417	1.124	0.4626	30.84	59.96	29.66	110-120	18.33	480.8	95.8
130	0.5611	1.080	1.400	1.151	0.5638	19.47	40.62	18.75	120-130	11.52	492.3	98.1
140	0.6459	1.080	1.346	1.157	0.6487	11.00	24.56	10.53	130-140	6.388	498.7	99.4
150	0.7198	1.066	1.272	1.157	0.7089	4.669	12.43	4.454	140-150	2.985	501.7	100
160	0	0	0	0	0	0	0	0	150-160	0.2164	501.9	100
170	0	0	0	0	0	0	0	0	160-170	0	501.9	100
180	0	0	0	0	0	0	0	0	170-180	0	501.9	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:13 December 2022

 $\gamma$  Range: 0 - 150DEG

 $\gamma$  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: 99WT06/BL		
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	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
5	97.8	96.0	94.3	92.7	91.3	90.0	89.1	88.4	88.0	87.8	88.0	88.5	89.3	90.3	91.6	93.1	94.6	96.4	98.1
10	96.3	92.7	89.3	86.2	83.5	81.3	79.4	78.1	77.4	77.2	77.5	78.4	79.8	81.8	84.2	86.9	90.0	93.4	96.8
15	93.8	88.6	83.6	79.2	75.3	72.2	69.7	67.9	66.9	66.6	67.0	68.2	70.2	72.9	76.2	80.2	84.6	89.5	94.6
20	90.5	83.6	77.3	71.7	66.9	63.0	60.0	57.9	56.7	56.4	56.9	58.3	60.7	64.0	68.0	72.9	78.6	84.9	91.6
25	86.3	78.0	70.3	63.7	58.2	53.9	50.6	48.3	47.1	46.7	47.3	48.8	51.4	55.0	59.6	65.3	71.9	79.5	87.6
30	81.4	71.7	62.9	55.6	49.6	45.0	41.6	39.3	38.0	37.7	38.3	39.8	42.4	46.2	51.1	57.3	64.8	73.5	83.0
35	75.8	64.7	55.2	47.3	41.1	36.5	33.2	31.1	29.9	29.6	30.2	31.6	34.1	37.8	42.8	49.2	57.2	66.8	77.5
40	69.5	57.4	47.2	39.1	33.0	28.7	25.7	23.8	22.7	22.5	22.9	24.3	26.5	30.0	34.7	41.1	49.3	59.6	71.4
45	62.7	49.6	39.1	31.2	25.5	21.6	19.0	17.5	16.6	16.4	16.8	17.9	19.8	22.9	27.1	33.2	41.3	52.0	64.7
50	55.3	41.6	31.1	23.7	18.7	15.5	13.4	12.2	11.6	11.5	11.8	12.7	14.2	16.6	20.2	25.6	33.4	44.1	57.4
55	47.6	33.4	23.4	16.9	12.9	10.5	8.96	8.13	7.68	7.63	7.86	8.49	9.60	11.4	14.2	18.7	25.6	36.0	49.7
60	39.4	25.3	16.3	11.1	8.19	6.55	5.56	5.01	4.74	4.71	4.88	5.30	6.08	7.34	9.31	12.7	18.4	27.9	41.6
65	31.1	17.6	10.2	6.56	4.71	3.70	3.13	2.81	2.67	2.65	2.77	3.03	3.52	4.29	5.56	7.82	12.0	20.1	33.3
70	22.7	10.7	5.45	3.33	2.35	1.83	1.54	1.36	1.31	1.30	1.39	1.51	1.81	2.23	2.94	4.22	6.82	12.9	24.9
75	14.7	5.14	2.30	1.37	0.98	0.77	0.82	0.88	0.94	0.97	0.96	0.92	0.90	0.99	1.33	1.90	3.17	6.79	16.7
80	7.46	1.60	0.72	0.49	0.60	0.73	0.82	0.94	0.97	1.04	0.99	0.96	0.86	0.77	0.66	0.71	1.13	2.54	9.19
85	2.08	0.31	0.38	0.51	0.63	0.80	0.89	1.02	1.06	1.12	1.07	1.05	0.93	0.84	0.67	0.55	0.43	0.57	3.21
90	0.22	0.31	0.41	0.57	0.70	0.86	0.96	1.09	1.13	1.20	1.15	1.12	1.01	0.91	0.74	0.61	0.45	0.35	0.23
95	0.22	0.36	0.46	0.63	0.76	0.93	1.03	1.16	1.20	1.27	1.22	1.19	1.07	0.97	0.80	0.67	0.50	0.39	0.23
100	0.27	0.41	0.51	0.68	0.82	0.99	1.09	1.22	1.26	1.33	1.28	1.26	1.14	1.04	0.86	0.73	0.56	0.44	0.27
105	0.32	0.45	0.56	0.74	0.87	1.04	1.14	1.27	1.31	1.37	1.33	1.30	1.18	1.09	0.92	0.79	0.61	0.50	0.31
110	0.37	0.51	0.62	0.79	0.92	1.08	1.18	1.30	1.35	1.40	1.37	1.34	1.23	1.13	0.97	0.85	0.67	0.56	0.36
115	0.42	0.56	0.66	0.83	0.96	1.12	1.21	1.32	1.37	1.42	1.39	1.36	1.26	1.17	1.01	0.90	0.72	0.61	0.41
120	0.47	0.61	0.71	0.87	0.99	1.14	1.23	1.32	1.38	1.42	1.40	1.36	1.27	1.20	1.05	0.94	0.77	0.67	0.46
125	0.52	0.65	0.75	0.90	1.01	1.14	1.23	1.31	1.38	1.41	1.40	1.36	1.29	1.20	1.08	0.98	0.82	0.72	0.51
130	0.56	0.69	0.78	0.92	1.02	1.14	1.24	1.31	1.38	1.40	1.40	1.35	1.29	1.20	1.10	1.01	0.86	0.77	0.56
135	0.60	0.73	0.81	0.94	1.03	1.13	1.24	1.29	1.37	1.38	1.39	1.33	1.29	1.20	1.11	1.03	0.90	0.82	0.60
140	0.65	0.76	0.83	0.94	1.03	1.12	1.23	1.27	1.34	1.35	1.37	1.31	1.29	1.20	1.12	1.05	0.93	0.86	0.65
145	0.68	0.79	0.85	0.94	1.03	1.11	1.21	1.24	1.31	1.31	1.33	1.28	1.26	1.19	1.13	1.06	0.95	0.90	0.69
150	0.72	0.79	0.86	0.94	1.03	1.10	1.17	1.21	1.27	1.27	1.29	1.27	1.24	1.19	1.13	1.07	0.98	0.92	0.71
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: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: 99WT06/BL		
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	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4		
5	99.9	102	103	105	106	107	108	109	109	109	108	107	106	105	103	101	99.6		
10	100	104	107	111	113	115	117	118	118	118	117	115	113	110	107	103	99.8		
15	100	105	111	115	119	123	125	127	127	127	125	122	119	114	110	104	99.1		
20	98.8	106	113	119	125	129	132	134	135	134	132	128	123	118	111	105	97.5		
25	96.5	105	114	122	129	134	139	141	142	141	138	133	127	120	112	104	95.0		
30	93.5	104	114	124	132	139	144	147	148	146	143	137	130	122	112	102	91.7		
35	89.5	102	113	124	134	142	148	151	152	151	147	140	132	122	111	99.5	87.5		
40	84.9	98.5	112	124	135	144	150	154	156	154	149	142	133	122	109	96.1	82.7		
45	79.4	94.6	109	123	135	144	152	156	158	156	151	143	132	120	106	92.0	77.1		
50	73.4	89.8	106	120	133	144	152	157	159	157	151	142	131	118	103	87.1	71.0		
55	66.7	84.4	101	117	131	142	151	157	158	156	150	141	128	114	98.4	81.6	64.2		
60	59.5	78.2	96.2	113	128	140	149	155	156	154	148	138	125	110	93.1	75.4	57.0		
65	51.8	71.5	90.4	108	123	136	146	152	153	151	144	134	120	105	87.2	68.6	49.3		
70	43.8	64.2	83.8	102	118	131	141	147	149	147	140	129	115	98.8	80.7	61.3	41.3		
75	35.4	56.4	76.6	95.3	112	125	136	142	144	141	134	123	109	92.2	73.5	53.5	33.0		
80	27.0	48.2	68.9	88.0	105	119	129	135	137	135	128	116	102	84.9	65.8	45.4	24.7		
85	18.9	39.9	60.7	80.0	96.9	111	121	128	130	127	120	109	94.2	77.0	57.7	37.2	16.8		
90	11.7	31.6	52.3	71.6	88.5	103	113	119	121	119	112	101	85.8	68.7	49.5	29.3	10.1		
95	6.55	24.1	44.0	62.9	79.6	93.5	104	110	112	110	103	91.6	77.1	60.2	41.4	22.2	5.76		
100	3.87	18.0	36.2	54.3	70.5	84.0	94.0	100	102	99.8	93.0	82.2	68.2	51.9	34.0	16.5	3.54		
105	2.57	13.3	29.2	46.0	61.4	74.3	83.9	90.0	91.7	89.5	83.0	72.7	59.3	43.9	27.4	12.3	2.43		
110	1.87	9.97	23.3	38.3	52.5	64.6	73.7	79.4	81.0	79.0	72.9	63.2	50.7	36.5	21.9	9.30	1.80		
115	1.33	7.57	18.4	31.4	44.1	55.2	63.5	68.8	70.4	68.5	62.9	54.0	42.6	30.0	17.3	7.10	1.29		
120	1.03	5.80	14.4	25.3	36.3	46.2	53.7	58.5	60.0	58.3	53.2	45.2	35.1	24.2	13.7	5.46	1.02		
125	0.82	4.46	11.2	20.1	29.4	37.8	44.4	48.7	50.0	48.5	44.0	37.1	28.4	19.2	10.6	4.21	0.76		
130	0.60	3.10	8.67	15.7	23.2	30.3	35.9	39.5	40.6	39.4	35.6	29.7	22.5	15.0	8.19	3.04	0.65		
135	0.56	2.11	6.09	12.0	17.9	23.7	28.2	31.2	32.1	31.1	28.0	23.2	17.4	11.5	5.73	2.04	0.63		
140	0.56	1.44	3.84	8.56	13.4	17.9	21.4	23.8	24.6	23.8	21.3	17.6	13.0	8.04	3.70	1.39	0.65		
145	0.60	1.04	2.71	5.74	9.29	13.0	15.6	17.4	18.0	17.4	15.5	12.8	8.87	5.37	2.35	0.98	0.71		
150	0.65	0.74	1.67	3.47	5.87	8.49	10.4	11.9	12.4	11.9	10.4	8.24	5.66	3.25	1.57	0.81	0.75		
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: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: