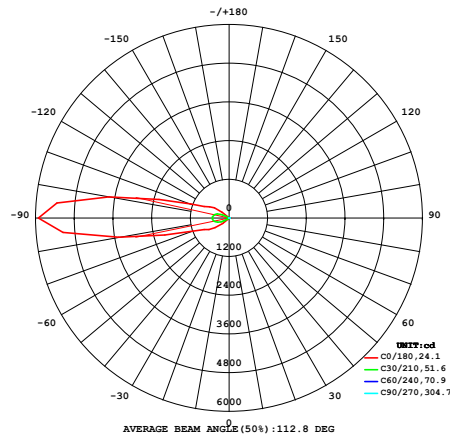


LAMP PHOTOMETRIC REPORT

MODEL: 96GRF328WW/1BL		
POWER: 10W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 1009.0 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	0.0185	0.0230	0.0131	0.3899	1.731	0.5043	0.0131	0.0177	0- 10	0.0117	0.0117	0.00
20	0.3744	0.0951	0.0131	1.112	5.097	1.464	0.0131	0.0673	10- 20	0.1273	0.1390	0.01
30	1.192	0.2900	0.0131	2.207	14.37	3.341	0.0131	0.1926	20- 30	0.5032	0.6423	0.06
40	2.927	0.6175	0.0150	4.397	31.72	7.561	0.0131	0.3994	30- 40	1.560	2.203	0.22
50	6.436	1.203	0.0150	7.010	271.3	10.93	0.0131	0.7435	40- 50	5.390	7.593	0.75
60	10.31	2.008	0.0150	35.46	722.4	64.81	0.0131	1.247	50- 60	25.11	32.70	3.24
70	12.71	2.724	0.0150	93.08	1209	146.2	0.0131	1.752	60- 70	63.13	95.83	9.5
80	13.83	3.132	0.0150	127.0	3482	188.5	0.0131	2.062	70- 80	138.8	234.7	23.3
90	13.74	3.201	0.0150	133.5	5918	199.9	0.0131	2.151	80- 90	263.3	497.9	49.3
100	11.56	3.017	0.0150	126.7	3789	187.1	0.0131	2.048	90-100	270.1	768.0	76.1
110	8.413	2.519	0.0150	92.61	1276	149.7	0.0131	1.708	100-110	145.9	913.9	90.6
120	5.887	1.764	0.0150	39.23	708.6	58.87	0.0131	1.218	110-120	63.59	977.5	96.9
130	3.928	1.032	0.0150	7.298	284.9	8.347	0.0131	0.7342	120-130	24.96	1002	99.4
140	1.946	0.5615	0.0150	4.548	27.91	5.024	0.0131	0.4104	130-140	5.082	1008	99.9
150	1.077	0.2883	0.0150	1.914	11.70	2.352	0.0131	0.2021	140-150	1.300	1009	100
160	0	0	0	0	0	0	0	0	150-160	0.1615	1009	100
170	0	0	0	0	0	0	0	0	160-170	0	1009	100
180	0	0	0	0	0	0	0	0	170-180	0	1009	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:24 January 2023

γ Range: 0 - 150DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:6.340m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

MODEL: 96GRF328WW/1BL		
POWER: 10W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						
5	0.01	0.02	0.01	0.01	0.03	0.20	0.59	0.29	0.07	0.01	0.02	0.01						
10	0.02	0.04	0.01	0.01	0.21	0.60	1.73	0.93	0.25	0.01	0.02	0.01						
15	0.13	0.10	0.01	0.01	0.41	1.09	3.22	1.76	0.45	0.01	0.03	0.04						
20	0.37	0.22	0.02	0.01	0.64	1.67	5.10	2.75	0.69	0.01	0.04	0.10						
25	0.72	0.41	0.04	0.01	0.88	2.35	8.41	4.21	0.96	0.01	0.06	0.20						
30	1.19	0.64	0.08	0.01	1.14	3.46	14.37	6.87	1.23	0.01	0.08	0.33						
35	1.87	0.94	0.13	0.01	1.40	5.11	23.6	11.07	1.52	0.01	0.12	0.48						
40	2.93	1.36	0.17	0.01	1.63	7.65	31.7	17.1	1.86	0.01	0.15	0.69						
45	4.48	1.94	0.23	0.01	1.85	10.7	57.8	22.1	2.27	0.01	0.19	0.96						
50	6.44	2.72	0.30	0.01	2.07	12.8	271	24.5	2.80	0.01	0.24	1.34						
55	8.50	3.66	0.35	0.01	2.33	19.4	535	60.3	3.36	0.01	0.28	1.81						
60	10.31	4.67	0.41	0.01	2.62	74.1	722	167	3.91	0.01	0.32	2.34						
65	11.70	5.63	0.47	0.01	3.02	138	858	283	4.43	0.01	0.36	2.87						
70	12.71	6.40	0.52	0.01	3.40	199	1209	382	4.92	0.01	0.40	3.34						
75	13.42	6.98	0.57	0.01	3.85	245	2066	459	5.27	0.01	0.43	3.73						
80	13.83	7.37	0.60	0.01	4.26	272	3482	494	5.52	0.01	0.43	3.98						
85	13.96	7.57	0.60	0.01	4.61	282	5167	518	5.53	0.01	0.43	4.12						
90	13.74	7.56	0.59	0.01	4.90	285	5918	525	5.41	0.01	0.43	4.17						
95	12.87	7.40	0.59	0.01	5.05	281	5358	518	5.17	0.01	0.44	4.12						
100	11.56	7.07	0.59	0.01	5.00	270	3789	492	4.79	0.01	0.44	3.94						
105	10.03	6.55	0.59	0.01	4.80	238	2252	458	4.35	0.01	0.42	3.65						
110	8.41	5.83	0.54	0.01	4.40	196	1276	393	3.84	0.01	0.38	3.27						
115	6.99	4.96	0.48	0.01	3.89	142	860	278	3.32	0.01	0.35	2.80						
120	5.89	4.00	0.43	0.01	3.30	81.5	709	152	2.82	0.01	0.31	2.29						
125	4.95	3.05	0.37	0.01	2.70	24.8	560	38.7	2.39	0.01	0.27	1.79						
130	3.93	2.24	0.31	0.01	2.19	13.3	285	18.9	2.02	0.01	0.22	1.34						
135	2.82	1.63	0.25	0.01	1.76	11.2	53.9	15.40	1.70	0.01	0.18	1.00						
140	1.95	1.18	0.19	0.01	1.42	8.23	27.9	11.05	1.42	0.01	0.14	0.73						
145	1.43	0.84	0.14	0.01	1.13	5.31	19.52	7.35	1.16	0.01	0.09	0.53						
150	1.08	0.60	0.10	0.01	0.87	3.14	11.70	4.74	0.92	0.01	0.07	0.36						
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						
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						
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						
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						
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						
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						

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:24 January 2023

γ Range: 0 - 150DEG

γ Interval: 5.0DEG

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

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks: