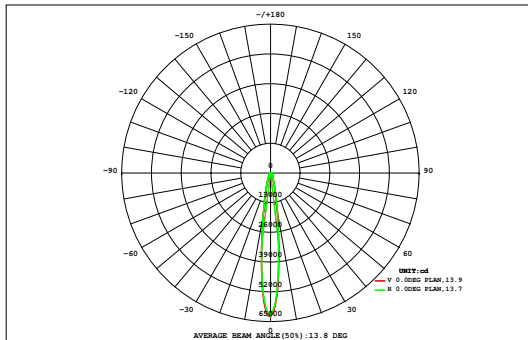


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.44V I:0.3109A P:71.404W PF:0.9968 Freq:50.00Hz Lamp Flux:7936.96x1 lm		
NAME: NAVI MIDI	TYPE:FLOOD LIGHT	WEIGHT:3.165kg
SPEC.:3000K,NICHIA,BA-8°, 80 CRI	DIM.: 249 x 97 x 250	SERIAL No.:INT/2024/07/2A
MFR.: K-Lite	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:108.33lm/W	
MODEL	KL-4468	Imax (cd)	62816
NOMINAL POWER (W)	70	AVAILABILITY (%)	63.5
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	5038
NOMINAL FLUX (lm)	7936.96	LOR (%)	97.5
LAMPS INSIDE	1	TOTAL FLUX (lm)	7735
TEST VOLTAGE (V)	230	θ @50% (H, V)	14,14DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.11	0.11	0.10	0.09	0.06	0.04	0.02	0.01	0.00	0.00	0.84	0.00
90	0.00	0.01	0.05	0.14	0.29	0.47	0.66	0.79	0.86	0.87	0.82	0.69	0.49	0.30	0.15	0.06	0.01	0.00	6.68	0.00
80	0.00	0.03	0.16	0.44	0.88	1.40	1.91	2.28	2.47	2.49	2.31	1.94	1.42	0.88	0.44	0.16	0.03	0.00	19.3	0.00
70	0.00	0.06	0.33	0.87	1.68	2.68	3.77	4.66	5.20	5.23	4.72	3.82	2.69	1.67	0.85	0.32	0.07	0.00	38.6	0.00
60	0.01	0.10	0.53	1.35	2.66	4.51	6.84	9.18	10.8	10.8	9.25	6.90	4.53	2.65	1.33	0.51	0.10	0.01	72.0	0.00
50	0.01	0.15	0.72	1.86	3.84	7.23	12.7	19.9	25.8	26.0	20.2	12.8	7.23	3.82	1.83	0.70	0.15	0.01	145	0.00
40	0.01	0.19	0.88	2.35	5.22	11.2	24.4	47.7	72.1	72.8	48.8	24.8	11.2	5.18	2.31	0.85	0.19	0.01	330	0.00
30	0.01	0.22	1.01	2.72	6.50	16.2	43.6	115	245	249	118	44.5	16.2	6.46	2.68	0.97	0.22	0.01	868	420
20	0.01	0.24	1.08	2.96	7.29	19.8	61.8	227	904	931	236	63.7	20.2	7.39	2.97	1.05	0.23	0.01	2486	2183
10	0.01	0.24	1.07	2.93	7.20	19.6	60.8	222	858	895	235	64.1	20.7	7.55	3.01	1.06	0.24	0.01	2398	2093
0	0.01	0.22	0.99	2.65	6.24	15.4	41.4	107	223	226	111	43.3	16.4	6.65	2.77	1.00	0.22	0.01	804	342
-10	0.01	0.19	0.86	2.24	4.97	10.6	22.7	43.8	65.1	65.2	44.4	23.6	11.2	5.27	2.33	0.87	0.19	0.01	304	0.00
-20	0.01	0.15	0.69	1.77	3.69	6.81	11.8	18.3	23.4	23.3	18.4	12.2	7.16	3.87	1.83	0.70	0.15	0.01	134	0.00
-30	0.01	0.11	0.50	1.30	2.53	4.29	6.42	8.52	9.84	9.83	8.58	6.54	4.43	2.61	1.32	0.50	0.10	0.01	67.4	0.00
-40	0.00	0.07	0.30	0.83	1.59	2.56	3.55	4.40	4.84	4.85	4.41	3.57	2.59	1.61	0.83	0.31	0.06	0.00	36.4	0.00
-50	0.00	0.03	0.15	0.42	0.83	1.34	1.80	2.16	2.33	2.32	2.14	1.79	1.33	0.82	0.41	0.15	0.03	0.00	18.1	0.00
-60	0.00	0.01	0.05	0.14	0.27	0.45	0.62	0.75	0.80	0.79	0.73	0.60	0.44	0.27	0.14	0.05	0.01	0.00	6.14	0.00
-70	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.00	0.00	0.74	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Φ t	0.11	2.04	9.39	25.0	55.8	125	305	834	2454	2525	864	315	128	57.1	25.2	9.27	2.01	0.11	7735	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365	2105	2177	391	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	5038

one-half-peak spread: U:6.6,D:7.2 , L:6.7,R:7.3

NEMA Beam Type: Type 3

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators:K-LITE
Test Date:05 July 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 39.6%
Test Distance:2.000m [K=1.0000]
Remarks: