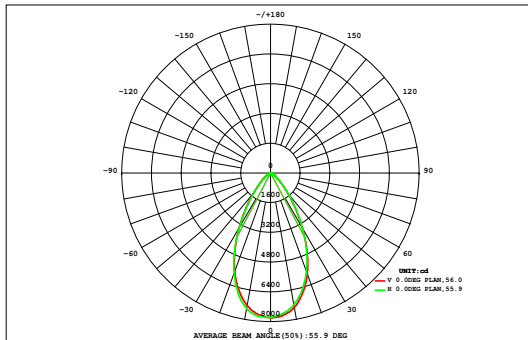


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:231.10V I:0.3104A P:71.498W PF:0.9967 Freq:50.00Hz Lamp Flux:7936.96x1 lm		
NAME: NAVI MIDI	TYPE:FLOOD LIGHT	WEIGHT:3.165kg
SPEC.:3000K,NICHIA,BA-60°, 80 CRI	DIM.: 249 x 97 x 250	SERIAL No.:INT/2024/07/2D
MFR.: K-LITE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:102.36lm/W	
MODEL	KL-4468	Imax (cd)	7790
NOMINAL POWER (W)	70	AVAILABILITY (%)	84.1
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	6677
NOMINAL FLUX (lm)	7936.96	LOR (%)	92.2
LAMPS INSIDE	1	TOTAL FLUX (lm)	7319
TEST VOLTAGE (V)	230	θ @50% (H, V)	56,56DEG

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	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.00	0.00	0.79	0.00	
90	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.00	0.00	0.79	0.00	
80	0.00	0.02	0.06	0.16	0.32	0.52	0.73	0.88	0.96	0.95	0.87	0.70	0.49	0.29	0.15	0.05	0.01	0.00	7.17	0.00	
70	0.00	0.04	0.18	0.50	1.02	1.69	2.41	3.00	3.34	3.33	2.96	2.35	1.62	0.97	0.47	0.17	0.04	0.00	24.1	0.00	
60	0.01	0.08	0.38	1.05	2.25	3.99	6.23	8.29	9.63	9.59	8.18	6.08	3.84	2.13	0.99	0.35	0.07	0.00	63.1	0.00	
50	0.01	0.13	0.63	1.83	4.30	8.60	15.0	22.0	26.9	26.7	21.7	14.7	8.36	4.11	1.74	0.59	0.12	0.01	158	64.6	
40	0.01	0.18	0.91	2.88	7.48	17.4	34.0	54.3	68.3	67.8	53.3	33.2	17.0	7.20	2.74	0.86	0.17	0.01	368	322	
30	0.01	0.24	1.19	4.07	12.0	31.1	66.5	108	135	134	106	65.0	30.2	11.6	3.88	1.13	0.22	0.01	711	677	
20	0.01	0.28	1.44	5.18	16.8	47.0	102	162	198	196	158	99.2	45.5	16.1	4.94	1.36	0.25	0.01	1055	1027	
10	0.02	0.30	1.59	5.97	20.1	57.9	124	191	229	226	186	120	56.1	19.5	5.77	1.52	0.28	0.01	1246	1221	
0	0.02	0.31	1.61	6.01	20.4	58.7	125	189	225	224	187	122	57.8	20.2	5.91	1.54	0.28	0.01	1244	1219	
-10	0.02	0.29	1.47	5.28	17.1	48.2	104	160	193	192	158	101	47.5	17.0	5.24	1.42	0.26	0.01	1052	1024	
-20	0.01	0.25	1.23	4.12	12.4	32.7	69.1	110	135	134	108	67.7	32.2	12.2	4.09	1.18	0.22	0.01	725	693	
-30	0.01	0.20	0.94	2.92	7.87	18.3	36.5	57.6	71.7	71.4	57.0	36.1	18.1	7.77	2.89	0.90	0.17	0.01	391	347	
-40	0.01	0.15	0.66	1.88	4.44	9.14	16.2	24.1	29.2	29.2	24.0	16.1	9.04	4.41	1.86	0.62	0.12	0.01	171	81.8	
-50	0.01	0.09	0.41	1.11	2.30	4.20	6.60	9.03	10.5	10.5	8.98	6.57	4.18	2.28	1.06	0.37	0.07	0.00	68.2	0.00	
-60	0.00	0.05	0.21	0.56	1.08	1.78	2.53	3.20	3.58	3.58	3.20	2.51	1.74	1.04	0.51	0.18	0.04	0.00	25.8	0.00	
-70	0.00	0.02	0.08	0.19	0.37	0.59	0.81	0.97	1.05	1.05	0.96	0.78	0.56	0.34	0.17	0.06	0.01	0.00	8.01	0.00	
-80	0.00	0.00	0.01	0.03	0.06	0.08	0.11	0.13	0.14	0.13	0.12	0.10	0.07	0.04	0.02	0.01	0.00	0.00	1.05	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	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90				
Φ t	0.15	2.63	13.0	43.8	130	342	711	1105	1340	1332	1085	694	334	127	42.4	12.3	2.33	0.12	7319	---	
Φ a	0.00	0.00	0.00	0.00	55.4	290	665	1061	1296	1288	1041	647	283	52.1	0.00	0.00	0.00	0.00	---	6677	

one-half-peak spread: U:28.3,D:26.0 , L:28.3,R:28.0 NEMA Beam Type: Type 5

**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators:K-LITE**  
**Test Date:05 July 2024**

**γ Range: 0 - 90DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.417**  
**Humidity: 37.4%**  
**Test Distance:2.000m [K=1.0000]**  
**Remarks:**