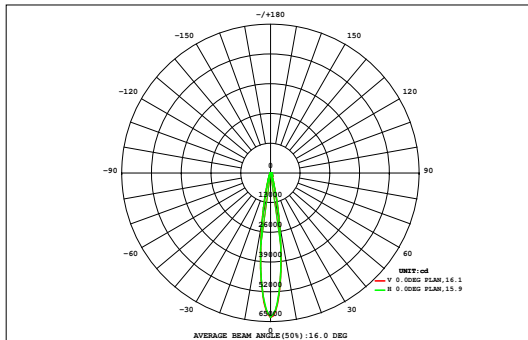


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.43V I:0.3110A P:71.442W PF:0.9968 Freq:49.98Hz Lamp Flux:7936.96x1 lm		
NAME: NAVI MIDI	TYPE:FLOOD LIGHT	WEIGHT:3.165kg
SPEC.:3000K,NICHIA,BA-12°, 80 CRI	DIM.: 249 x 97 x 250	SERIAL No.:INT/2024/07/2B
MFR.: K-Lite	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:107.83lm/W	
MODEL	KL-4468	Imax (cd)	63120
NOMINAL POWER (W)	70	AVAILABILITY (%)	69.8
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	5541
NOMINAL FLUX (lm)	7936.96	LOR (%)	97.1
LAMPS INSIDE	1	TOTAL FLUX (lm)	7704
TEST VOLTAGE (V)	230	θ @50% (H, V)	16,16DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.08	0.09	0.09	0.08	0.07	0.05	0.03	0.02	0.01	0.00	0.00	0.69	0.00
90	0.00	0.01	0.05	0.13	0.26	0.41	0.57	0.68	0.74	0.74	0.68	0.56	0.40	0.24	0.13	0.05	0.01	0.00	5.67	0.00
80	0.00	0.03	0.15	0.40	0.80	1.31	1.82	2.19	2.39	2.38	2.18	1.80	1.29	0.77	0.38	0.14	0.03	0.00	18.1	0.00
70	0.00	0.06	0.30	0.81	1.65	2.70	3.81	4.65	5.11	5.09	4.60	3.75	2.63	1.60	0.78	0.28	0.06	0.00	37.9	0.00
60	0.01	0.10	0.49	1.34	2.73	4.53	6.42	7.99	8.91	8.91	7.96	6.36	4.42	2.63	1.28	0.47	0.10	0.01	64.7	0.00
50	0.01	0.14	0.69	1.91	3.91	6.60	9.85	13.5	16.4	16.4	13.5	9.75	6.43	3.75	1.81	0.66	0.14	0.01	106	0.00
40	0.01	0.18	0.87	2.44	5.05	8.95	16.1	29.8	46.1	45.8	29.3	15.8	8.71	4.84	2.30	0.83	0.17	0.01	217	0.00
30	0.01	0.21	1.01	2.83	5.96	11.7	28.3	89.8	230	227	85.7	27.3	11.3	5.72	2.67	0.96	0.20	0.01	731	351
20	0.01	0.23	1.10	3.07	6.50	13.9	43.3	233	1040	1002	214	41.0	13.5	6.33	2.96	1.05	0.22	0.01	2622	2370
10	0.01	0.23	1.09	3.05	6.46	13.9	43.9	239	1062	1031	224	42.1	13.8	6.45	3.01	1.06	0.22	0.01	2692	2439
0	0.01	0.22	1.00	2.78	5.81	11.6	28.7	92.7	241	235	89.2	27.8	11.5	5.90	2.81	1.00	0.21	0.01	757	381
-10	0.01	0.19	0.86	2.36	4.90	8.83	16.1	30.3	47.0	46.4	29.4	15.7	8.80	4.97	2.40	0.87	0.18	0.01	219	0.00
-20	0.01	0.15	0.69	1.85	3.82	6.46	9.82	13.6	16.3	16.2	13.3	9.69	6.49	3.88	1.88	0.68	0.14	0.01	105	0.00
-30	0.01	0.11	0.49	1.32	2.67	4.46	6.36	7.96	8.85	8.85	7.95	6.36	4.50	2.70	1.34	0.48	0.10	0.01	64.5	0.00
-40	0.00	0.07	0.30	0.81	1.62	2.69	3.77	4.64	5.08	5.09	4.63	3.76	2.70	1.63	0.81	0.29	0.06	0.00	38.0	0.00
-50	0.00	0.04	0.15	0.41	0.81	1.33	1.84	2.23	2.41	2.40	2.19	1.80	1.30	0.79	0.39	0.14	0.03	0.00	18.3	0.00
-60	0.00	0.02	0.06	0.15	0.28	0.44	0.61	0.73	0.78	0.77	0.71	0.59	0.42	0.26	0.13	0.05	0.01	0.00	6.02	0.00
-70	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.11	0.10	0.09	0.08	0.06	0.04	0.02	0.01	0.00	0.00	0.84	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
	0.12	1.99	9.33	25.7	53.3	99.9	221	774	2733	2655	729	214	98.2	52.5	25.1	9.03	1.90	0.11	7704	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	385	2448	2371	337	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	5541

one-half-peak spread: U:8.2,D:7.9 , L:8.3,R:7.9 NEMA Beam Type: Type 3

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 10.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Temperature: 25.9DEG	Humidity: 36.5%
Operators:K-LITE	Test Distance:2.000m [K=1.0000]
Test Date:05 July 2024	Remarks: