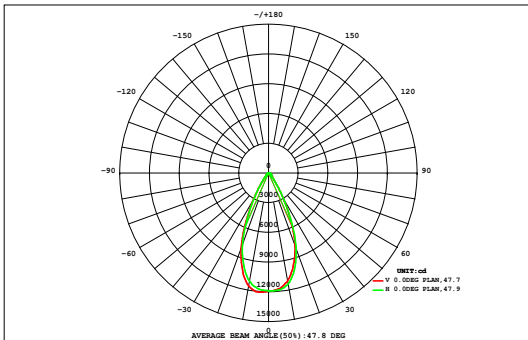


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.58V I:0.3108A P:71.101W PF:0.9965 Freq:49.98Hz Lamp Flux:7936.96x1 lm		
NAME: NAVI MIDI	TYPE:FLOOD LIGHT	WEIGHT:3.165kg
SPEC.:3000K,NICHIA,BA-40°, 80 CRI	DIM.: 249 x 97 x 250	SERIAL No.:INT/2024/07/2C
MFR.: K-LITE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:109.95lm/W	
MODEL	KL-4468	Imax (cd)	12059
NOMINAL POWER (W)	70	AVAILABILITY (%)	88.8
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	7046
NOMINAL FLUX (lm)	7936.96	LOR (%)	98.5
LAMPS INSIDE	1	TOTAL FLUX (lm)	7817
TEST VOLTAGE (V)	230	θ @50% (H, V)	48, 48DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT: lm		Φ t	Φ a	
	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.06	0.07	0.07	0.06	0.05	0.04	0.02	0.01	0.00	0.00			0.00
90	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.06	0.07	0.07	0.06	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.54	0.00
80	0.00	0.01	0.04	0.10	0.19	0.30	0.41	0.49	0.53	0.52	0.47	0.38	0.26	0.16	0.08	0.03	0.01	0.00	3.99	0.00
70	0.00	0.03	0.11	0.28	0.58	0.98	1.40	1.72	1.89	1.87	1.67	1.31	0.89	0.52	0.24	0.09	0.02	0.00	13.6	0.00
60	0.00	0.05	0.21	0.60	1.29	2.24	3.35	4.24	4.75	4.73	4.17	3.23	2.10	1.17	0.53	0.18	0.04	0.00	32.9	0.00
50	0.01	0.07	0.36	1.05	2.33	4.33	6.95	9.56	11.4	11.3	9.36	6.74	4.14	2.17	0.95	0.31	0.06	0.00	71.1	0.00
40	0.01	0.10	0.52	1.58	3.68	7.86	16.5	30.9	43.4	42.7	29.5	15.5	7.42	3.48	1.46	0.47	0.09	0.01	205	90.6
30	0.01	0.13	0.67	2.11	5.31	14.9	46.1	102	150	149	100	43.2	13.7	5.04	1.98	0.61	0.11	0.01	635	574
	0.01	0.15	0.79	2.54	7.02	27.1	97.8	208	280	283	210	94.8	24.9	6.65	2.42	0.73	0.13	0.01	1246	1199
	0.01	0.16	0.86	2.82	8.31	38.0	141	271	344	350	280	140	35.6	7.91	2.72	0.81	0.15	0.01	1624	1582
	0.01	0.16	0.86	2.82	8.38	38.8	143	274	347	355	287	145	37.4	8.19	2.77	0.82	0.15	0.01	1652	1610
	0.01	0.15	0.79	2.53	7.01	27.5	102	217	291	294	220	101	27.0	7.03	2.53	0.76	0.14	0.01	1301	1255
	0.01	0.13	0.66	2.05	5.24	15.1	48.3	110	162	161	109	47.6	15.2	5.33	2.05	0.64	0.12	0.01	684	624
-30	0.01	0.11	0.51	1.52	3.63	7.75	17.1	33.1	47.5	47.5	33.1	17.3	8.01	3.69	1.51	0.48	0.09	0.01	223	111
-40	0.01	0.08	0.35	1.01	2.24	4.23	6.92	9.90	12.0	12.1	10.1	7.14	4.35	2.26	0.99	0.33	0.06	0.00	74.0	0.00
-50	0.00	0.05	0.21	0.58	1.22	2.14	3.21	4.19	4.76	4.79	4.27	3.28	2.18	1.21	0.56	0.19	0.04	0.00	32.9	0.00
-60	0.00	0.03	0.11	0.28	0.56	0.93	1.31	1.64	1.83	1.84	1.67	1.34	0.93	0.54	0.27	0.10	0.02	0.00	13.4	0.00
-70	0.00	0.01	0.04	0.10	0.19	0.29	0.40	0.49	0.53	0.53	0.49	0.40	0.29	0.18	0.09	0.04	0.01	0.00	4.08	0.00
-80	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.06	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.55	0.00
-90	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.06	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.55	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.09	1.42	7.10	22.0	57.2	192	637	1279	1702	1721	1302	628	184	55.6	21.2	6.61	1.24	0.07	7817	---
Φ a	0.00	0.00	0.00	0.00	0.00	88.9	565	1216	1642	1661	1237	555	80.8	0.00	0.00	0.00	0.00	0.00	---	7046

one-half-peak spread: U:22.5,D:21.6 , L:26.9,R:19.0 NEMA Beam Type: Type 5

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.7DEG
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: 37.2%
Test Distance:2.000m [K=1.0000]
Remarks: