

3 YEARS
WARRANTY



VIDEO



FL018
LED FLOOD LIGHT

25W

50W

100W

specification

PRODUCT NAME :	LED FLOOD LIGHT
MODEL NO. :	FL018 25W/50W/100W
SPECIFICATION :	AC220-240V, 50-60Hz, 25W/50W/100W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	>0.9
CRI(RA) :	>80
COLOR :	GRAY
LIGHT SOURCE :	SMD
LUMEN :	80 LM/W
BEAM ANGLE :	5°
PRODUCT SIZE :	165*138*132mm/276*138*132mm/276*276*132mm
IP :	IP65
APPLICATION :	Garden, villa, commercial building..etc.
WARRANTY :	3 years
STANDARD :	CE

Color Temperature:

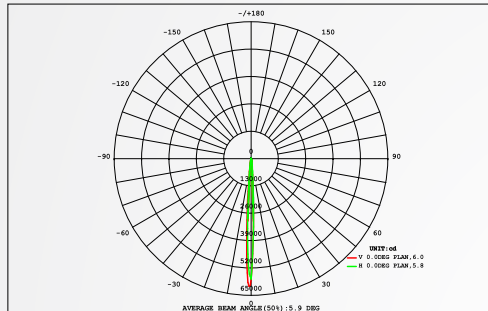
6500K / 4000K / 3000K



25W

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: FL018 LED FLOOD LIGHT	TYPE:	WEIGHT:1.6KG
SPEC.: FL018 25W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:100x100mm	Shielding Angle:



DATA OF LAMP		Eff:77.51lm/W	
MODEL	FL018 25W	Imax (cd)	62335
NOMINAL POWER (W)	25	AVAILABILITY (%)	49.0
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	911.9
NOMINAL FLUX (lm)	1860.94	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	1861
TEST VOLTAGE (V)	220	θ @50% (H,V)	6,6DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.69	0.00
90	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.69	0.00
80	0.00	0.01	0.03	0.05	0.09	0.15	0.22	0.30	0.35	0.35	0.30	0.23	0.16	0.10	0.06	0.03	0.02	0.01	2.48	0.00
70	0.00	0.02	0.05	0.12	0.26	0.45	0.66	0.84	0.97	0.98	0.86	0.68	0.49	0.30	0.16	0.06	0.02	0.01	6.95	0.00
60	0.00	0.03	0.09	0.27	0.54	0.85	1.13	1.37	1.53	1.55	1.41	1.19	0.91	0.59	0.32	0.12	0.04	0.01	12.0	0.00
50	0.00	0.04	0.17	0.44	0.82	1.22	1.75	2.32	2.70	2.73	2.40	1.84	1.28	0.87	0.50	0.20	0.05	0.01	19.3	0.00
40	0.01	0.05	0.24	0.60	1.07	1.83	2.89	3.84	4.52	4.58	3.96	2.99	1.93	1.10	0.63	0.26	0.06	0.01	30.6	0.00
30	0.01	0.07	0.31	0.74	1.37	2.63	4.13	6.65	10.0	10.5	7.18	4.34	2.70	1.41	0.69	0.30	0.08	0.01	53.1	0.00
20	0.01	0.08	0.37	0.83	1.72	3.25	6.07	14.4	31.9	34.8	16.4	6.53	3.23	1.55	0.69	0.32	0.08	0.01	122	0.00
10	0.01	0.08	0.40	0.88	1.93	3.65	8.13	27.2	253	384	33.9	9.31	3.25	1.45	0.64	0.32	0.09	0.01	729	522
0	0.01	0.08	0.39	0.83	1.78	3.33	8.16	28.6	216	302	34.3	9.57	3.00	1.30	0.60	0.30	0.09	0.01	610	390
-10	0.01	0.08	0.34	0.70	1.32	2.38	5.44	15.7	33.0	34.1	16.7	6.21	2.45	1.15	0.56	0.28	0.08	0.01	120	0.00
-20	0.01	0.06	0.27	0.55	0.90	1.76	3.07	6.00	9.74	9.90	6.39	3.31	1.83	0.92	0.50	0.24	0.07	0.01	45.5	0.00
-30	0.01	0.05	0.21	0.42	0.69	1.19	1.96	2.73	3.37	3.41	2.80	2.01	1.23	0.71	0.43	0.20	0.06	0.01	21.5	0.00
-40	0.01	0.04	0.14	0.31	0.53	0.79	1.14	1.54	1.80	1.81	1.56	1.17	0.82	0.56	0.33	0.15	0.05	0.01	12.8	0.00
-50	0.01	0.03	0.09	0.21	0.35	0.54	0.75	0.91	1.02	1.03	0.93	0.78	0.59	0.38	0.22	0.11	0.04	0.01	8.00	0.00
-60	0.00	0.02	0.06	0.12	0.19	0.29	0.41	0.54	0.65	0.66	0.58	0.46	0.33	0.22	0.13	0.07	0.03	0.01	4.78	0.00
-70	0.00	0.02	0.04	0.06	0.09	0.13	0.18	0.23	0.27	0.28	0.25	0.20	0.15	0.11	0.07	0.04	0.02	0.01	2.18	0.00
-80	0.00	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.10	0.10	0.10	0.09	0.08	0.07	0.05	0.04	0.02	0.01	1.10	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	0.09	0.79	3.25	7.22	13.8	24.6	46.2	113	571	793	130	51.0	24.5	12.8	6.63	3.08	0.92	0.16	1802	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	339	573	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	912

one-half-peak spread: U:2.4,D:3.4 , L:3.2,R:2.9

NEMA Beam Type: Type 1

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:JACK
Test Date:13 July 2022

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_v1 SYSTEM V2.0.407.13
Humidity:63.0%
Test Distance:11.565m [K=1.0000]
Remarks:



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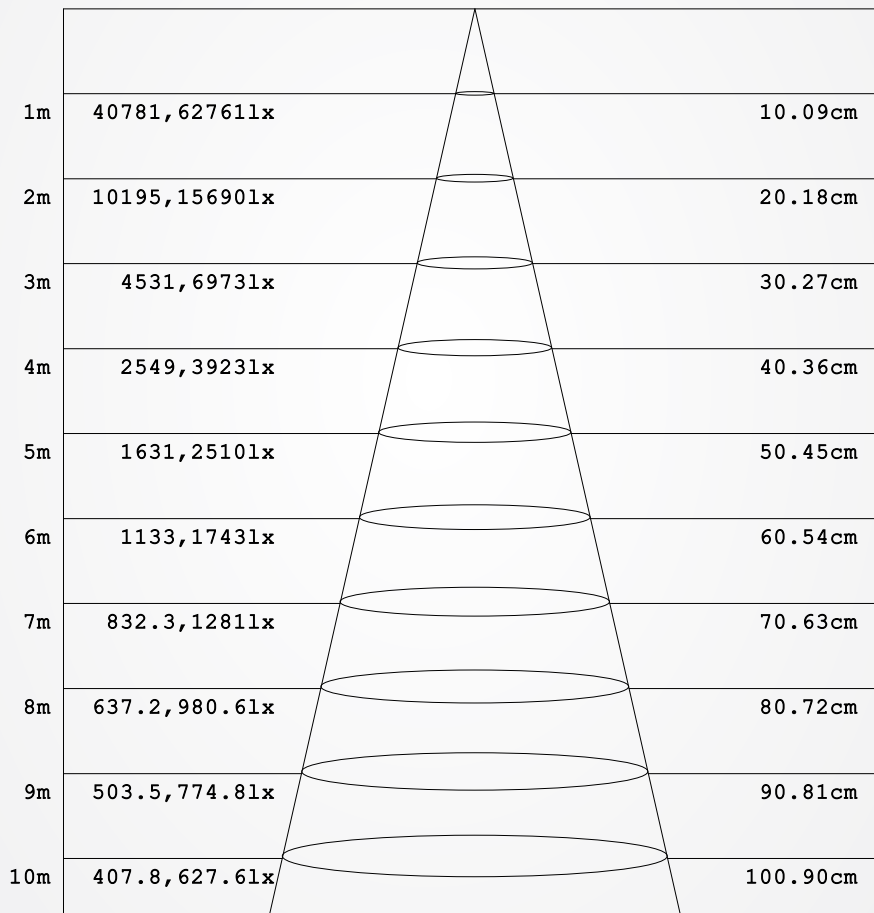


25W

AAI FIGURE

NAME: FL018 LED FLOOD LIGHT	TYPE:	WEIGHT:1.6KG
SPEC.: FL018 25W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:100x100mm	Shielding Angle:

Flux out:351.9 lm



Height Eavg, Emax Angle:5.78deg Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:JACK
Test Date:13 July 2022

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:63.0%
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Remarks:



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