



VIDEO



**SPOT06**  
**LED SPOT LIGHT**

**54W**

**specification**

PRODUCT NAME :	LED SPOT LIGHT
MODEL NO. :	SPOT06 54W
SPECIFICATION :	AC220-240V, 50-60Hz, 54W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	>0.9
CRI(RA) :	>80
COLOR :	Black
LIGHT SOURCE :	CREE
LUMEN :	60 LM/W
BEAM ANGLE :	3°
PRODUCT SIZE :	135m
LIGHT DISTANCE:	215*270mm
IP :	IP65
APPLICATION :	Garden, Villa, Balcony, Street..etc
WARRANTY :	3 years
STANDARD :	CE

**Color Temperature:**

**6500K / 4000K / 3000K / Red / Green / Blue**

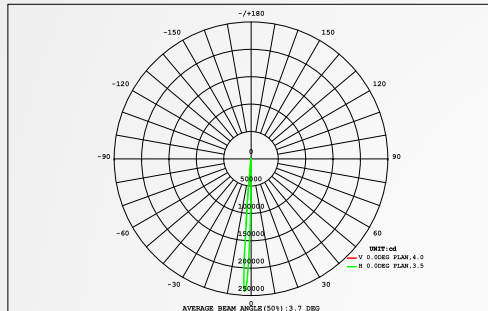




# 54W

## LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED SPOT LIGHT	TYPE:	WEIGHT: 4.4KG
SPEC.: SP0T06 54W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 175mm	Shielding Angle:



DATA OF LAMP		Eff: 56.17lm/W	
MODEL	SP0T06 54W	Imax (cd)	302723
NOMINAL POWER (W)	54	AVAILABILITY (%)	45.7
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	1325
NOMINAL FLUX (lm)	2901.83	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	2902
TEST VOLTAGE (V)	220	θ @50% (H, V)	4, 3DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm			Φ t	Φ a
	0.01	0.04	0.07	0.10	0.14	0.18	0.21	0.24	0.26	0.27	0.26	0.23	0.20	0.16	0.12	0.08	0.05	0.02	2.64	0.00	
90	0.01	0.04	0.07	0.10	0.14	0.18	0.21	0.24	0.26	0.27	0.26	0.23	0.20	0.16	0.12	0.08	0.05	0.02	2.64	0.00	
80	0.01	0.05	0.11	0.22	0.41	0.69	1.02	1.26	1.39	1.42	1.35	1.15	0.85	0.54	0.29	0.15	0.06	0.02	11.0	0.00	
70	0.01	0.06	0.20	0.56	1.31	2.11	2.32	2.75	3.46	3.51	2.88	2.44	2.21	1.54	0.74	0.28	0.10	0.02	26.5	0.00	
60	0.02	0.09	0.39	1.21	2.27	2.91	3.98	5.37	6.71	6.84	5.63	4.31	3.16	2.34	1.38	0.53	0.14	0.02	47.3	0.00	
50	0.02	0.14	0.64	1.67	2.87	5.10	7.94	10.3	13.0	13.2	11.0	8.40	5.53	3.19	1.84	0.79	0.21	0.03	85.9	0.00	
40	0.02	0.19	0.87	2.06	4.36	8.24	12.1	13.3	17.0	17.2	13.2	12.7	8.75	4.85	2.27	0.98	0.27	0.03	118	0.00	
30	0.02	0.24	1.01	2.45	6.16	11.1	15.3	11.9	10.7	10.6	11.2	13.9	12.0	6.83	2.73	1.08	0.32	0.03	118	0.00	
	0.02	0.28	1.07	2.88	7.23	13.2	12.9	9.51	13.2	15.8	10.4	11.7	13.5	7.76	3.15	1.11	0.36	0.04	124	0.00	
	0.02	0.30	1.06	3.04	7.53	11.9	10.4	10.7	347	1149	16.0	10.4	11.0	7.49	3.30	1.07	0.37	0.04	1590	1316	
	0.02	0.30	1.04	2.92	7.30	11.9	11.4	14.4	49.8	68.0	16.2	11.6	11.6	7.36	3.19	1.05	0.36	0.04	218	9.22	
	0.02	0.27	0.99	2.57	6.38	12.2	14.0	12.0	15.7	15.6	12.1	13.8	13.8	7.09	2.87	1.03	0.34	0.04	131	0.00	
-30	0.02	0.23	0.90	2.10	4.80	9.44	12.1	11.3	13.2	13.4	11.4	12.2	10.8	5.59	2.38	0.96	0.30	0.03	111	0.00	
	0.02	0.18	0.74	1.72	3.26	6.00	9.37	10.9	15.4	15.6	11.5	10.1	6.77	3.79	1.91	0.83	0.25	0.03	98.3	0.00	
-40	0.02	0.13	0.54	1.37	2.22	3.52	5.43	7.49	9.22	9.46	8.02	5.92	3.85	2.39	1.51	0.64	0.19	0.03	61.9	0.00	
-50	0.02	0.09	0.34	0.86	1.81	2.31	2.64	3.48	4.57	4.64	3.67	2.79	2.26	1.87	1.01	0.43	0.13	0.02	32.9	0.00	
-60	0.02	0.06	0.18	0.43	0.84	1.38	1.71	1.92	2.30	2.31	1.97	1.78	1.57	1.01	0.55	0.23	0.09	0.02	18.4	0.00	
-70	0.02	0.05	0.10	0.18	0.31	0.48	0.66	0.77	0.78	0.81	0.84	0.75	0.56	0.38	0.23	0.12	0.06	0.02	7.12	0.00	
-80	0.02	0.06	0.10	0.13	0.16	0.19	0.22	0.23	0.25	0.25	0.24	0.22	0.20	0.17	0.13	0.10	0.06	0.02	2.74	0.00	
-90	0.01	0.04	0.07	0.10	0.14	0.18	0.21	0.24	0.26	0.27	0.26	0.23	0.20	0.16	0.12	0.08	0.05	0.02	2.64	0.00	
Φ t	0.33	2.77	10.3	26.5	59.4	103	124	128	524	1347	138	124	109	64.3	29.6	11.4	3.68	0.49	2805	---	
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263	1062	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	1325	

one-half-peak spread: U:2.0,D:1.5 , L:1.8,R:2.2

NEMA Beam Type:

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature: 28DEG  
Operators: JACK  
Test Date: 18 June 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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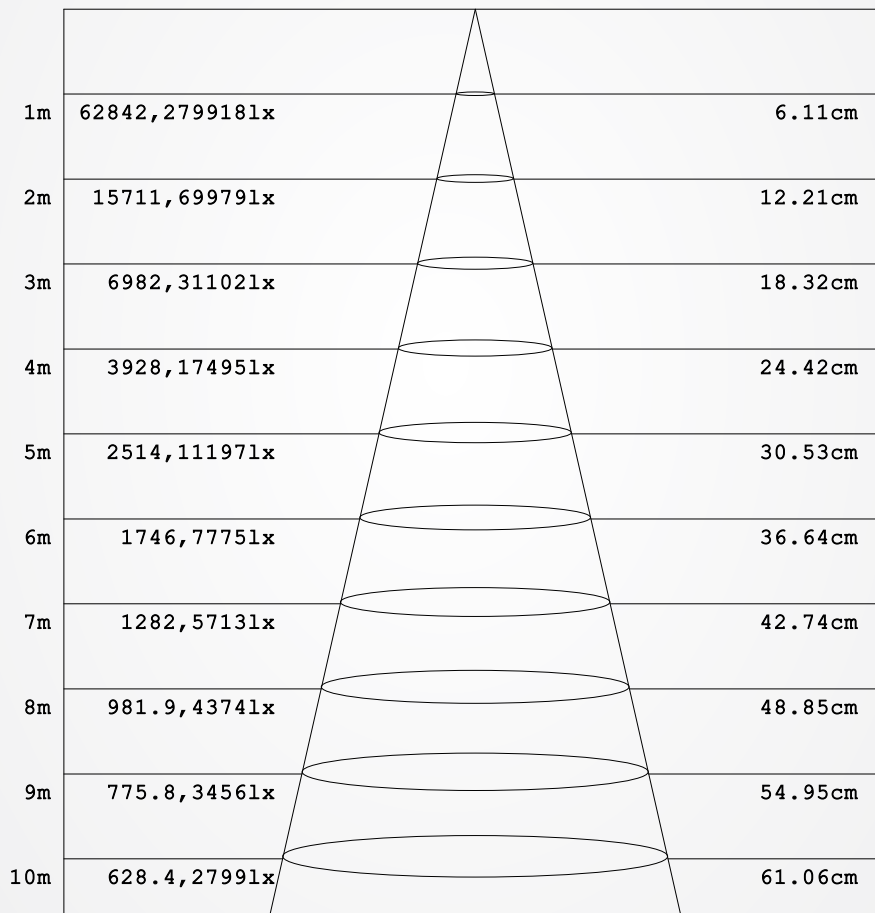


# 54W

## AAI FIGURE

NAME: LED SPOT LIGHT	TYPE:	WEIGHT: 4.4KG
SPEC.: SP0T06 54W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 175mm	Shielding Angle:

Flux out: 240.8 lm



Height                      Eavg, Emax                      Angle: 3.50deg                      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  
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