



50W LED Flood Light, 5000 Lumen, 6000K, IP65, 100-240V AC

- Delivers 5000 lumens at 6000K color temperature
- Draws 50W with efficacy rated at 100 lm/W
- SMD3030 LED chips rated for 50,000 hour lifetime
- IP65 rated aluminum housing for outdoor exposure
- Operates across 120-240V AC input range
- CE and RoHS certified with 1-year warranty

OVERVIEW

The F-T50W-B is a 50W LED flood light in the T Series modular line, suited for outdoor commercial and industrial installations requiring durable area or facade illumination. Its wide input voltage range of 120-240V AC allows compatibility with a broad range of electrical systems.

The fixture delivers 5000 lumens at 6000K with a CRI of 80, using SMD3030 LED chips for consistent light output and an efficacy of 100 lm/W. Rated IP65 and built with an aluminum housing, it withstands dust and water ingress across an ambient temperature range of -28.89 to 50°C, with an LED lifetime of 50,000 hours.

The unit carries CE and RoHS certification and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	5,000 lm
Efficacy	100 lm/W
Color Temperature	6,000 K
CRI	80
LED Chip Type	SMD3030
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Material	Aluminum
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	50 W

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-28.89-50 °C -20-122 °F

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Building facade lighting
- Parking lot and outdoor area lighting
- Warehouse and industrial yard lighting
- Signage and billboard illumination
- Landscape and perimeter lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	5,000 lm	db	high
efficacy_lm_per_w	100 lm/W	db	high
cct_k	6,000 K	db	high
cri	80	db	high
led_chip_type	SMD3030	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–240 V	db	high
wattage	50 W	db	high
material	Aluminum	db	high
ip_rating	IP65	db	high
ambient_temp_c	–28.89–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.