



40W RGB+CCT Wi-Fi LED Flood Light, IP66, 3800 Lumens, 120° Beam

- Draws 40W at 120-277VAC operating voltage
- Outputs 3800 lm at 6500K with 95 lm/W efficacy
- CRI of 80 or greater with a 120° beam angle
- IP66-rated ADC12 die-cast aluminum housing in black finish
- Rated for -40°C to 40°C ambient operating temperature
- LED source rated for 50,000 hours of operating life

OVERVIEW

The F-40RGB-CCT-WiFi is a 40W Wi-Fi-enabled LED flood light for outdoor applications requiring both color and tunable white output. RGB and CCT modes allow adjustment across a full color spectrum as well as white light from 2700K to 6500K, controlled through the Smart Life app with compatibility for Google Assistant and Amazon Alexa voice control.

The fixture delivers up to 3800 lumens at 6500K with an efficacy of 95 lm/W, and 3100 lumens at 2700K with an efficacy of 77.5 lm/W, with a CRI of 80 or greater and a 120-degree beam angle. An IP66-rated ADC12 die-cast aluminum housing supports operation across an ambient range of -40°C to 40°C, and the LED source is rated for 50,000 hours of life.

This product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	3,800 lm
Efficacy	95 lm/W
Color Temperature	2,700K / 6,500K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	RGB + CCT

MECHANICAL

Product Dimensions	10 × 8 × 4 in
Finish	Black
Material	ADC12
Weight	1.1 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	40 W

ENVIRONMENTAL

IP Rating	IP66
Ambient Operating Temperature	-40-40 °C -40-104 °F

APPLICATIONS

- Building facade illumination
- Parking lot and driveway lighting
- Warehouse and yard security lighting
- Landscape and signage accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	3,800 lm	db	high
efficacy_lm_per_w	95 lm/W	db	high
cct_k	2,700K / 6,500K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	RGB + CCT	db	high
operating_voltage	120–277 V	db	high
wattage	40 W	db	high
product_dimensions	10 × 8 × 4 in	db	high
finish	Black	db	high
material	ADC12	db	high
weight	1.1 lb	db	high
ip_rating	IP66	db	high
ambient_temp_c	–40–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.