MFLTS Flood Light Series

Flood Light With Photocell

Flood Light With Photocell

The **MFLTS Flood Light Series** is a versatile outdoor lighting solution designed for durability, flexibility, and reliable performance. Featuring **IP65 waterproof protection**, it ensures stable operation in harsh environments such as rain, dust, and extreme temperatures. With **3CCT selectable color temperatures and field-selectable wattage**, it provides maximum adaptability for a wide range of applications.

Constructed with a durable aluminum housing for excellent heat dissipation and long-term performance, it also features a tempered glass lens that resists yellowing even after prolonged sun exposure, ensuring long-lasting clarity and light quality. Ideal for building exteriors, parking lots, sports courts, and security lighting, it delivers powerful and uniform illumination for enhanced safety and visibility.

Wattage/Color Selestable
Photocell on/off

Key Features — Flood Light

- Built-in photocell sensor for automatic dusk-to-dawn operation
- IP65 waterproof rating for reliable outdoor performance
- 3CCT selectable color temperature (field adjustable)
- Field-selectable wattage for flexible lighting output
- Durable aluminum housing for excellent heat dissipation and long service life
- Tempered glass lens with anti-yellowing performance under long-term sun exposure
- Designed for harsh environments including rain, dust, and extreme temperatures

	80W Flood Light	120W Flood Light
Color Temp.	30K/40K/50K	30K/40K/50K
Wattage	40W/60W/80W	80W/100W/120W
Lumens	5000LM/7500LM/10000LM	10000LM/12500LM/15000LM
Voltage	120V-277V	120V-277V
Dimming	0-10V	0-10V
CRI	80+	80+

Dimension

Item Number	A(Diameter)	B(Hight)
MFLTS-40/60/80W-3CCT	9.65”	2.17“
MFLTS-80/100/120W-3CCT	9.65”	2.17“

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Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	Voltage	Dimming	CRI
MFLTS-40/60/80W-3CCT	80W Flood Light	40W/60W/80W	5000LM/7500LM/10000LM	30K/40K/50K	120V-277V	0-10V	80+
MFLTS-80/100/120W-3CCT	120W Flood Light	80W/100W/120W	10000LM/12500LM/15000LM	30K/40K/50K	120V-277V	0-10V	80+

Construction

- Die-cast aluminum housing for excellent heat dissipation and long-term durability
- Heavy-duty tempered glass lens with anti-yellowing performance under prolonged UV exposure
- Corrosion-resistant exterior finish for harsh outdoor environments
- Compact, weather-resistant design built for reliable outdoor use

Driver

- Field-selectable wattage: 40W / 60W / 80W or 80W / 100W / 120W
- Input voltage: 120–277V AC
- 0–10V dimmable
- High-efficiency LED with CRI 80+

Optics

- 3CCT selectable: 3000K / 4000K / 5000K
- High lumen output:
- MFLTS-40/60/80W: 5,000 / 7,500 / 10,000 LM
- MFLTS-80/100/120W: 10,000 / 12,500 / 15,000 LM
- Uniform illumination for wide-area coverage

Mount

- Comes with a U-bracket for flexible wall or pole mounting
- Allows adjustable installation angles for precise light direction
- Suitable for commercial, industrial, and security lighting applications
- Designed for secure and stable outdoor installation

Accessories (SOLD SEPARATELY)

Knuckle Mount

The adjustable mounting bracket supports 90° upward and 90° downward rotation, providing flexible lighting direction.

Comes with two mounting screws and washers for quick and secure installation.

MWLIGHTING

MFLTS Flood Light Series

Project Name:	
Prepare By:	
Date:	
Contact/Phone:	

	Item Number	Description
	MFLTS-40/60/80W-3CCT	80W Flood Light
	MFLTS-80/100/120W-3CCT	120W Flood Light

Accessories (SOLD SEPARATELY)

	Item Number	Description
	MFL-KM	Flood Light Knuckle Mount