

MFL7-2G LED

Project Name:

Type:

**APPLICATION**

The MFL7-2G luminaire is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, watertight power source compartment and high performance aluminum heat sinks. Suitable for parking lots, walkways, car dealerships, roadways, and etc.

FEATURES:

- Solid construction die-cast aluminum housing.
- Die-cast aluminum heat sink providing the most ideal heat dissipation.
- UV stabilized powder coated finish.
- Field adjustable color temperature.

MOUNTING:

- Knuckle mount (1/2" NPS).
- Trunnion mount.
- Slip Fitter.

LED:

- Field adjustable Color Temperature: 3000/4000/5000K
- Lumen efficiency: up to 136 lm/W
- Color rendering index > 80
- L70: > 54,000 hrs

LENS:

- Diffuse PC lens to provide efficient distribution.

ELECTRICAL:

- Input Voltage: 120-277VAC, 50-60Hz
- 0-10V dimming standard.
- Power Factor: >90%
- THD <20%
- Operating temperature: -40°F~104°F (-40°C~40°C)

LISTING:

- UL / cUL listed.
- DLC qualified.
- Suitable for wet location.
- 5 years limited warranty.
- BAA compliant (optional).

SPECIFICATION

	Model#	AC Input	Lumen Output (3000K)	Lumen Efficiency (3000K)	Lumen Output (4000K)	Lumen Efficiency (4000K)	Lumen Output (5000K)	Lumen Efficiency (5000K)
MFL7-2G	15LED	13.8W	1783 lm	129.4 lm/W	1806 lm	142.1 lm/W	1902 lm	136.4 lm/W
	25LED	23.8W	3076 lm	129.4 lm/W	3228 lm	142.1 lm/W	3266 lm	136.4 lm/W
	36LED	34.8W	4499 lm	129.4 lm/W	4791 lm	142.1 lm/W	4767 lm	136.4 lm/W
	50LED	46.1W	5867 lm	127.3 lm/W	6232 lm	141.3 lm/W	6212 lm	131.3 lm/W
	70LED	66.1W	8412 lm	127.3 lm/W	9059 lm	141.3 lm/W	8837 lm	131.3 lm/W
	90LED	86.1W	10957 lm	127.3 lm/W	11885 lm	141.3 lm/W	11463 lm	131.3 lm/W
	105LED	106.6W	13741 lm	128.9 lm/W	14376 lm	142.2 lm/W	14187 lm	132.2 lm/W
	120LED	121.6W	15675 lm	128.9 lm/W	16509 lm	142.2 lm/W	16170 lm	132.2 lm/W
	150LED	151.6W	19541 lm	128.9 lm/W	20775 lm	142.2 lm/W	20137 lm	132.2 lm/W

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ORDERING INFORMATION

EXAMPLE: MFL7-2G-3SM-3T-UNV-BZ-TR

MODEL	LED	COLOR TEMP.	VOLTAGE	DRIVER	FINISH
MFL7-2G	3SL 36/25/15W Selectable LED 3SM 90/70/50W Selectable LED 3SH 150/120/105W Selectable LED	3T Selectable 30/40/50K	UNV 120-277V	(Blank) 0-10V dimming (Std.)	BZ Dark Bronze RAL#7022 (Std.) WH White, Cardinal #WH04 *CC Custom Color * Available custom color (RAL) Please provide us with the RAL number. * Non-standard finish with extra charge.

MOUNTING ¹	OPTIONS
KN Knuckle Mount TR Trunnion Mount SF Slip Fitter	PC3 Photocell 120-277V ² SP4 4Kv surge protector SP10 Integrated 10kV/10kA surge protection BAA BAA(Buy American Act) and BABA(Build America Buy America) compliant WG Wireguard VL Vandal Lens Shield MG Marine Grade Finish

NOTES:

1. 16~97LED: only available with KN and TR mount;
145~201LED: only available with SF and TR mount.
2. Not available with 16LED due to limited space.



Easy access to the control switch for a range of CCTs and wattages to choose from.



Easy access to photocell switch. Photocell is replaceable.



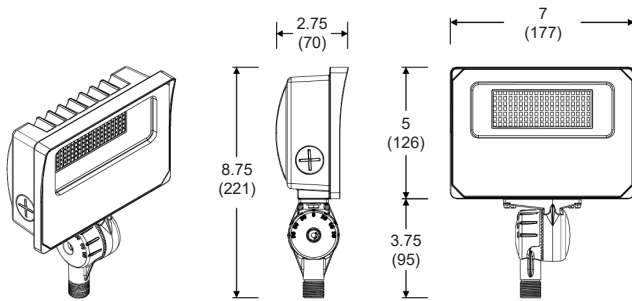
WG (optional)



VL (optional)

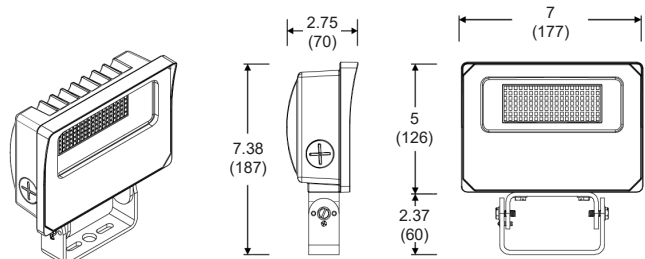
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3SL



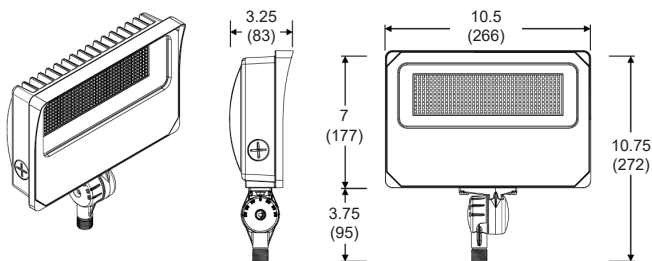
SF

3SL



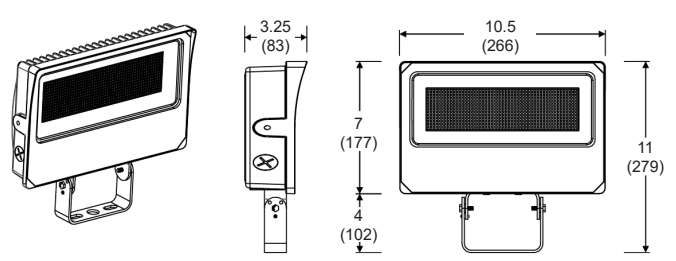
TR

3SM



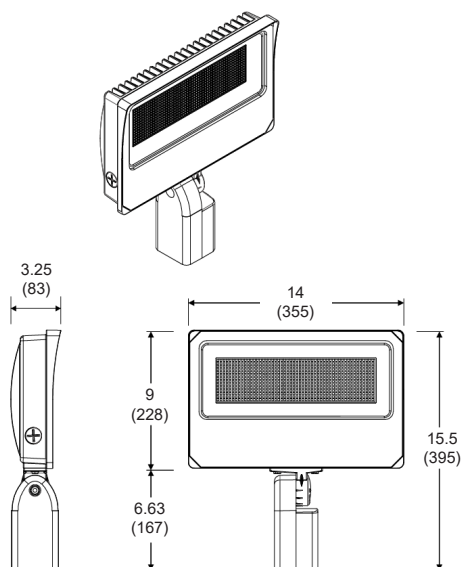
SF

3SM



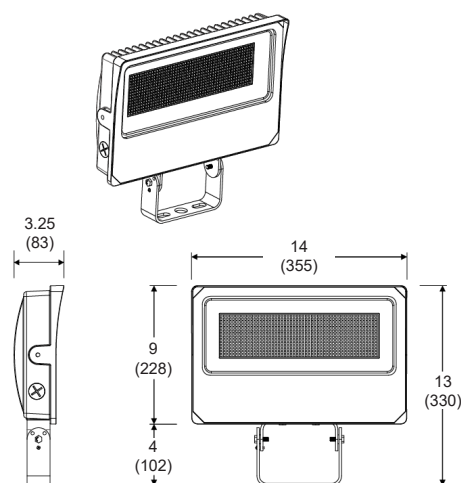
TR

3SH



SF

3SH



TR