

## MFL8 LED

Project Name:	
Type:	



## CASAMBI

## APPLICATION

MFL8 aims to provide customers with an economical, efficient, flexible and long-life floodlight. The low-profile and stylish exterior design can be well integrated into various architectural environments. MFL8 is very suitable for general flood lighting of courtyards, driveways, buildings, billboards, etc.

## FEATURES:

- Die-cast aluminum optimize the best heat dissipation management as the main part of the fixture, which effectively improves the LED efficiency.
- Durable surface coating powder spraying and fully sealed tempered glass can extend the durability of the fixture.
- One-piece die-cast aluminum housing with optimal thermal management both enhances LED efficacy and extends fixture's life.
- Field adjustable wattage and color temperature
- Photocell pre-installed as standard.

## MOUNTING:

- 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke are all available.

## LED:

- Lumileds LED
- Color Temperature: 3000 / 4000 / 5000K
- Lumen efficiency: up to 161 lm/W
- Color rendering index > 70
- Life span: 50,000 hours
- Lumen Maintenance L70 greater than 100,000 hours IESNA TM-21.

## OPTIC:

- Optics(NEMA Type): 7Hx7V.
- Scalable Lumen Packages from 2,050 to 19,000 Lumens.
- The use of advanced refraction and reflection optical design concepts provides an optimal combination of vertical and horizontal illumination.
- The heat-resistant and impact-resistant toughened glass maximizes light extraction while obtaining a great night appearance.

## ELECTRICAL:

- Universal 120-277 VAC input voltage.
- 1-10V dimming.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C - + 40°C (-40°F - + 104°F).

## LISTING:

- UL / cUL listed.
- DLC Premium listed.
- IP65
- IES LM-80 results and TM-21 calculations
- Suitable for wet location.
- 5 years limited warranty.
- ARRA compliant. (optional)

## SPECIFICATION

	Model#	Voltage	DIST. TYPE	CRI	Lumen Output (3000K)	Lumen Efficiency (3000K)	Lumen Output (4000K)	Lumen Efficiency (4000K)	Lumen Output (5000K)	Lumen Efficiency (5000K)	Mounting
MFL8	27LED	120-277V	7Hx7V	70	3500 lm	130 lm/W	3800 lm	141 lm/W	3600 lm	133 lm/W	KN
	65LED				9200 lm	142 lm/W	9700 lm	149 lm/W	9400 lm	145 lm/W	KN, TR
	120LED				17500 lm	146 lm/W	19000 lm	158 lm/W	18000 lm	150 lm/W	YK, SF

## ADJUSTABLE LUMEN OUTPUT TABLE

	27W		65W		120W	
SETTING	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)
100%	27.23	3672	65.5	9438	122.9	18092
80%	20.4	2856	54.3	7824	98.82	15119
60%	15.52	2234	41.2	5937	71.28	11206
40%	11.4	1690	27.5	3963	52.8	8581

## MFL8 LED

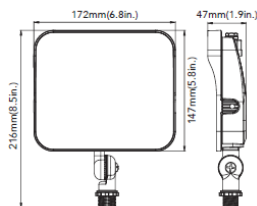
## ORDERING INFORMATION

EXAMPLE: MFL8-L27-3T-UNV-D-BZ-KN

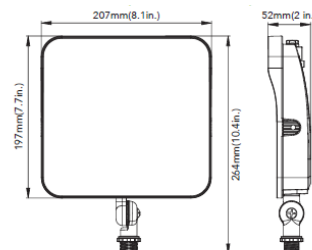
MODEL	LED		COLOR TEMP.		VOLTAGE		DIMMING	
MFL8	L27	27W LED with Adjustable output control (100/80/60/40%)	-3T	Selectable 30/40/50K	UNV	120-277V	D	1-10V dim
	L65	65W LED with Adjustable output control (100/80/60/40%)						
	L120	120W LED with Adjustable output control (100/80/60/40%)						

FINISH		OPTICS		MOUNTING		PHOTOCELL		OPTIONS	
BZ	Dark Bronze RAL#8019 (Std.)	(Blank)	7H x 7V	KN	Knuckle Mount	(Blank)	Photocell pre-installed	ARRA	Assembled in USA for Buy American act
*BK	Black RAL#9011			TR	Trunnion Mount			CASAMBI	Contact factory for CASAMBI READY options
*WH	White RAL#9016			YK	Yoke Mount				
*GR	Gray RAL#7045			SF	Slip Fitter				
**CC	Custom Color								
* Non-standard finish with extra charge.									
** Additional charge & set up fee.									

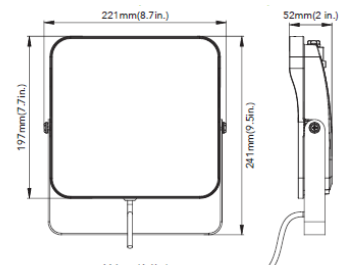
27LED (KNUCKLE MOUNT)



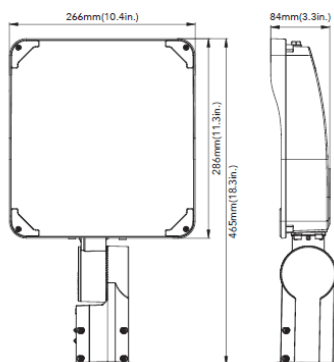
65LED (KNUCKLE MOUNT)



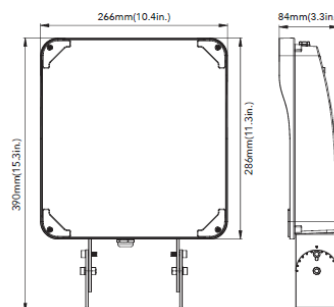
65LED (TRUNNION MOUNT)



120LED (SLIP FITTER)



120LED (YOKE MOUNT)



# MFL8 LED

## MOUNTING



KNUCKLE MOUNT (27W/65W)



TRUNNION MOUNT (65W)



SLIP FITTER (120W)



YOKE MOUNT (120W)

## PHOTOCELL



Photocell allows for  
security and energy saving

