

MFL6 LED

Project Name:	
Type:	



CASAMBI

APPLICATION

The MFL6 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:

- Housing and electrical compartment are made from die cast aluminum, pre-treated and powder-coated to meet the most rugged industry standards.
- Vented housing isolates LED modules from driver, maximizing product life and performance.
- Door frame is sealed to housing with a continuous extruded silicone gasket.
- Operating temperature: -40°F~104°F (-40°C~40°C)

MOUNTING:

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

LED:

- Lumileds LED
- Color Temperature: 4000 / 5000K
- Lumen efficiency: up to 143 lm/W
- Color rendering index >70
- Life span: 100,000 hours

OPTIC:

- NEMA Type: 7H x 6V
- High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

ELECTRICAL:

- Non-dim (15LED ~ 60LED) and 0-10V dimming (70LED ~ 200LED)
- Input Voltage: 120-277VAC, 50-60Hz
- Optional: 347-480V
- Power Factor: >90%
- THD <20%

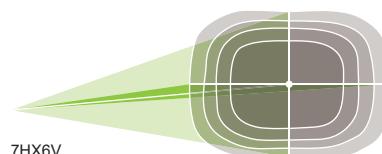
LISTING:

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

SPECIFICATION

	Model#	Lumen Output (5000K)	Lumen Efficiency (5000K)	Mounting	Weight
MFL6	15LED	2000 lm	133.33 lm/W	KN, TR	1.6 lbs, 1.7 lbs
	27LED	3600 lm	133.33 lm/W	KN, TR	1.7 lbs, 1.78 lbs
	45LED	5650 lm	125.55 lm/W	KN, TR	2.9 lbs, 3.52 lbs
	60LED	7450 lm	124.16 lm/W	KN	3.15 lbs, 3.75 lbs
	70LED	8900 lm	127.14 lm/W	YK, SF	7.43 lbs, 8.35 lbs
	100LED	13300 lm	133 lm/W	YK, SF	9.23 lbs, 10.16 lbs
	135LED	18000 lm	133.33 lm/W	YK, SF	13.43 lbs, 14.17 lbs
	200LED	26200 lm	131 lm/W	YK, SF	14.4 lbs, 15.14 lbs
	350LED	50000 lm	143 lm/W	TR	31.27 lbs

PHOTOMETRICS



EPA RATING

	1	2@90°	2@120°	2@180°	3@90°	3@120°	4@90°
70W/100W	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
135W/200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993
350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597

MFL6 LED

ORDERING INFORMATION

EXAMPLE: MFL6-60LED-50K-UNV-ND-BZ-KN

MODEL	LED		COLOR TEMP.		VOLTAGE		DIMMING		FINISH		OPTICS	
MFL6	15LED 27LED 45LED 60LED 70LED 100LED 135LED 200LED 350LED	15W LED 27W LED 45W LED 60W LED 70W LED 100W LED 135W LED 200W LED 350W LED	-40K -50K	4000K ¹ 5000K (Std.)	UNV HV	120-277V 277-480V ¹	ND D	Non-dim ² 0-10V dim ³	BZ *BK *WH *GR **CC	Dark Bronze RAL#8019 (Std.) Black RAL#9011 White RAL#9016 Gray RAL#7045 Custom Color	(Blank)	7H x 6V

¹ Non-standard finish with extra charge.² Additional charge & set up fee.

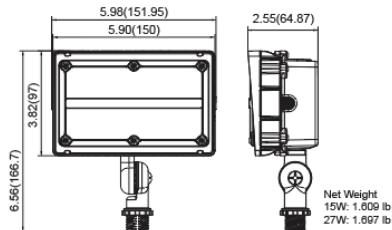
MOUNTING		OPTIONS	
KN TR YK SF	Knuckle Mount Trunnion Mount Yoke Mount Slip Fitter	PC3 ARRA SP10 CASAMBI	Photocell 120-277V Assembled in USA for Buy American act Integrated 10kV/10kA surge protection Contact factory for CASAMBI READY options

* Refer to configuration chart for availability

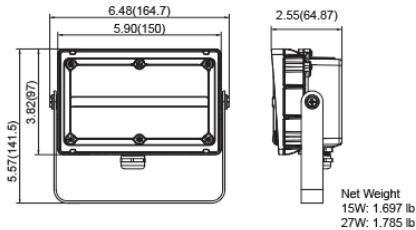
NOTES:

- Only available on 135LED and 350LED.
- Only available on 15LED ~ 60LED.
- Only available on 70LED ~ 350LED.

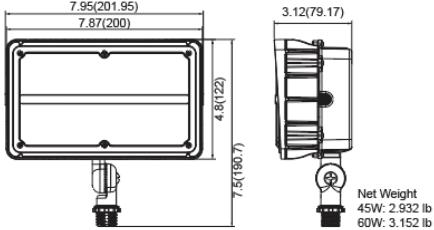
15LED & 27LED (KNUCKLE MOUNT)



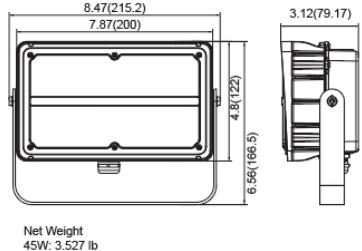
15LED & 27LED (TRUNNION MOUNT)



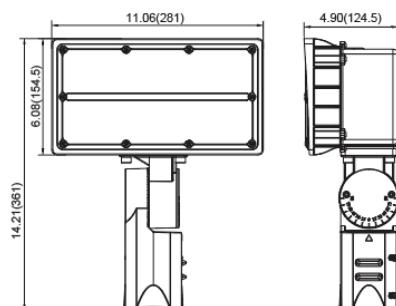
45LED & 60LED (KNUCKLE MOUNT)



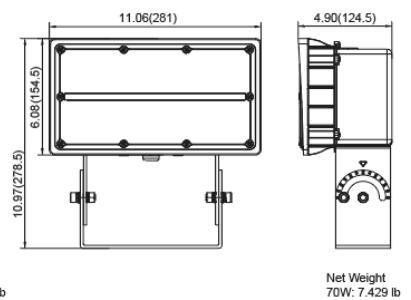
45LED (TRUNNION MOUNT)



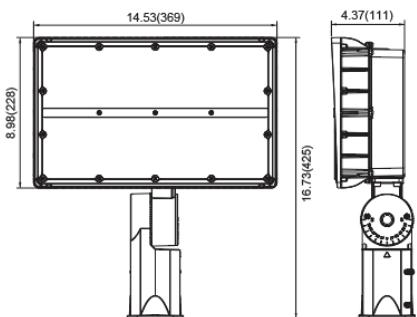
70LED & 100LED (SLIP FITTER)



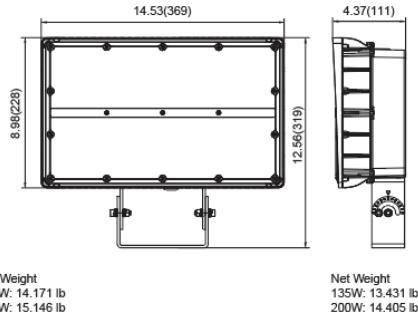
70LED & 100LED (YODE MOUNT)



135LED & 200LED (SLIP FITTER)



135LED & 200LED (YODE MOUNT)



350LED (TRUNNION MOUNT)

