

Product Description

The Array FL series 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 LED driver compartment and high performance aluminum heat sinks. Markets include parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways.

> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Philips Lumileds 3030 LEDs with high efficacy >140 Lm/W
- Standard design with modern components, excellent choice for retrofitting
- Low profile, 3G vibration rated compact design minimizes wind loads
- Patented heat dissipation design for optimum efficiency
- Designed with precise tolerances for manufacturing considerations
- National listing lab tested to IES standards in 7H x 6V distribution
- High lumen maintenance exceeds DOE requirements
- Photometric optic built over each LED for enhanced light distribution
- Solid State with high-shock and vibration resistance
- Rugged one-piece A360 die-cast housing with integral heat sink
- Door frame seals to housing with a continuous extruded silicone gasket
- Door frame features an integral accessory channel for mounting photocell
- Vented housing isolates LED module from driver, maximizing product life
- Aluminum LED boards with copper tracings for best thermal management
- LED array manufactured using a state-of-the-art SMT machine
- Light engine is available in a 5000K (70 CRI) configuration
- Optics are precisely designed to shape the distribution, maximizing efficiency
- High performance acrylic optic is securely attached to internal heat sink
- Architectural bronze powdercoat finish
- Chromate conversion coating for long lasting appearance
- Rust resistant stainless steel hardware with durable nickel-plating
- Multiple mounting brackets available for many applications
- 1-10V dimmable driver included on some models
- Fast turn on with no warm up or cold start issues
- 1/9th micro color binning enables tight color control
- Hot color targeting ensures color is within ANSI bin compliance
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Operating temperature: -40 to 113 degrees F (-40 to 45 degrees C)
- 100,000 hour LED life based on LM-80 results and TM-21 calculation
- Certifications: CE, RoHS, UL, cUL, DLC - IP65 outdoor rated
- 5 year system warranty

ARRAY FL SERIES

Flood Lighting with Multiple Mounting Options
LED Dimmable Luminaire



Models:

- VDMFD08015: 15W - 2000 Lm - 1.6 Lbs*** **
- VDMFD08027: 27W - 3600 Lm - 1.7 Lbs*** **
- VDMFD08045: 45W - 5650 Lm - 2.9 Lbs*** **
- VDMFD08060: 60W - 7600 Lm - 3.2 Lbs***
- VDMFD08070: 70W - 8900 Lm - 8.4 Lbs
- VDMFD08100: 100W - 13300 Lm - **10.2 Lbs**
- VDMFD08135: 135W - 17800 Lm - 14.2 Lbs
- VDMFD08200: 200W - 26000 Lm - 15.2 Lbs

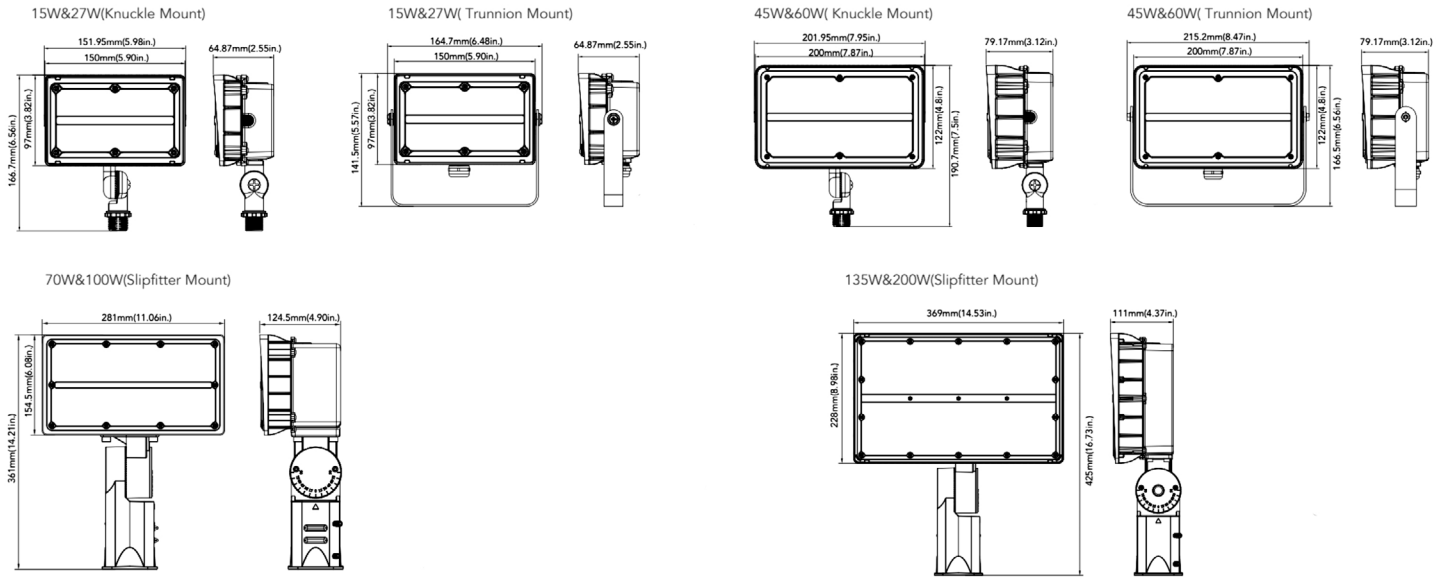
Ordering Information:				Part Number:			
*Adder Applies		**Not Available in 480V		***Non Dim Only		Ordering Example: VDMFD08015-30-T1-V27-BZ-KN	
Family	CCT	Optic	Voltage	Finish	Dimming	Mounting	Accessories*
VDMFD08015 VDMFD08027 VDMFD08045 VDMFD08060 VDMFD08070 VDMFD08100 VDMFD08135 VDMFD08200	50 - 5000K	T1 - 7H X 6V	V27 - 120-277V V48 - 480V*	BZ - Bronze	ND - Non Dim DM - 1-10V Dim*	KN - Knuckle (15W - 60W Models) TR - Trunnion (15W - 60W Models) SP - Slipfitter (70W - 200W Models)	PS1 - Button Photocell 120-277V PS2 - Button Photocell 480V



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Dimensions, specifications, and product pictures are subject to change without notice.

Dimensions:



Mounting:

Slipfitter Mount(70W/100W/135W/200W)



1/2"Knuckle Mount (15W/27W/45W/60W)



Trunnion Mount (15W/27W/45W/60W)

