

## Product Description

The Vega M series is the most functional area/site/flood/high bay/canopy/wall pack luminaire in the industry. The Vega M offers a slim style, thermal and optical integrated modular system, multiple options of light distribution, and a wide range installation interface. With over 8 years of documented use in field, The VEGA M is time tested across the globe, with outstanding results and minimal maintenance.

> Standard Ship Product - 30 Day Lead Time

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

## Performance Summary:

- CREE XLamp XPG2 LEDs with high efficacy >100 Lm/W
- Patented heat dissipation design for optimum efficiency
- National listing lab tested with 10 IES light distributions
- Excellent optical presentation for multiple applications
- Shatterproof polycarbonate lens cover for enhanced safety
- Solid State with high-shock and vibration resistance
- Die-cast aluminum housing with custom housing finishes
- Modular design for easy maintenance or upgrade
- 4 screws and a quick wire disconnect on the LED modules
- Multiple mounting options for many applications
- High CRI - RA>75 enhances all original colors
- Philips Xitanium 0-10V dimming power supply
- WAGO quick wire disconnects on the power supply
- External photocell and motion sensor capable
- 3' power cord and dimming cable whips for quick installation
- Contains no mercury or lead and cool to the touch
- No infrared or UV radiation
- Operating temperature: -40 to 55 degrees celsius
- 100,000 hour LED life
- Certifications: CE, FCC, RoHS, cUL, UL - IP66 outdoor rated
- 5 year system warranty

## VEGA M SERIES

Modular Design with Multiple Mounting Options  
LED Dimmable Luminaire



## Models:

- WDM028: 28 LEDs - 62W - 5800 Lm
- WDM042: 42 LEDs - 93W - 8800 Lm
- WDM056: 56 LEDs - 123W - 12300 Lm
- WDM070: 70 LEDs - 155W - 15500 Lm
- WDM084: 84 LEDs - 185W - 18500 Lm
- WDM098: 98 LEDs - 216W - 21600 Lm
- WDM112: 112 LEDs - 246W - 24600 Lm
- WDM126: 126 LEDs - 277W - 27700 Lm
- WDM140: 140 LEDs - 308W - 30800 Lm

## Ordering Information:

Part Number:

\*Adder Applies.

Ordering Example: WDM028-50-S5M1-V27-BK-ND-SM

Family	CCT	Optic	Voltage	Finish	Dimming	Mounting***
WDM028 WDM042 WDM056 WDM070 WDM084 WDM098 WDM112 WDM126 WDM140	30 - 3000K 40 - 4000K 50 - 5000K 35 - 6500K CS - Custom (Specify NM)*	S1S1 - 95 x 85 - Type I Short S1S2 - 95 x 85 - Type I Short Diffused A2M1 - 150 x 75 - Type II Medium A2M3 - 145 x 65 - Type II Medium A3L2 - 155 x 100 - Type III Long A3M2 - 145 x 45 - Type III Medium S5M1 - 75 Degree - Type V Medium S5N2 - 18 Degree - Type V Narrow S5W2 - 145 Degree - Type V Wide S7M1 - 130 x 30 - Type VII Medium	V27 - 100-277V V48 - 347-480V** D12 - 12V DC* D24 - 24V DC*	BK - Black GR - Gray WT - White BZ - Bronze CS - Custom (Specify RAL)*	ND - No Dim DM - 0-10V Dim DL - Dali PD - Program Dim (Specify Time Schedule)	AR - 0-90 Degree Rotating Pole Mount SM - Static Surface Mount Bracket PL - Static Pole Mount Bracket RM - Recessed Mounting Kit PM - Pendant Pole with Static Base TM - Yoke Bracket with Angle Adjust WM - Static Wall Mount Bracket RB - Rotating Wall or Ceiling Bracket SP - Suspension Kit with Quad Eyelets WP - Decorative Wall Mount Bracket

\*\*\*See mounting specifications below for available models.

\*\*WDM028 not available. Adder applies to other models.



Vivid Leds, Inc.  
PO BOX 9  
Sellersburg, IN 47172  
800-974-3570  
www.vividleds.us

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

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## Specifications:

The Vega Modular LED Lens System features a durable and abrasion resistant polycarbonate lens housed within a modular design. With a high color rendering index of 75 or greater, all original colors are realized. Vega fixtures demonstrate first class quality within a beautiful, modern appearance. They are national listing lab tested with LM-79 and LM-80 reports to IESNA standards.

Designed with a purpose, the Vega features unprecedented lighting-class brightness, efficacy, lifetime and quality of light. These lighting-class features enable the XPG LED to replace many traditional light sources and save money with energy-efficient light and long lifetimes. Cree's advantage is in the materials they use. CREE® LEDS combine highly efficient InGaN materials with proprietary G•SIC® substrates to deliver superior price/performance for high-intensity LEDS. Typical features of CREE® LEDS include a single wire-bond connection, low forward voltage, exceptional thinness, low heat generation, high electrostatic discharge (ESD) tolerance/resistance and long life. This, coupled with a high performance power supply and extremely durable housing, puts the Vega at the top of its class.

Conforming to ISO9001:2000 Quality Management System, the Vega products maintain CE, RoHS, UL and cUL Certifications. Utilizing CREE LEDS, Philips drivers, and a frame built to withstand extreme weather, you will be confident with your purchase for years to come. Start saving up to 80% system energy over your existing HID fixture. Utilize Vega's dimming capabilities for even greater results. The Vega M shines bright above the rest.

### Housing and Finish:

- Patented modular structure to realize power serialization by changing module quantity
- Aerodynamic styling
- Separable installation method
- Complies with Dark Sky requirements when mounted horizontally to the ground
- Heavy grade die-cast aluminum alloy construction built for extreme weather and durability
- Corrosion resistant polyester powder coat finish with 70-90 micrometer thickness
- Available in standard and custom housing colors
- Easy access power door assembly for quick installation and maintenance
- Open air modular heatsink ventilation design for best possible heat dissipation and optimum efficiency
- High shock and vibration resistance approved - 2G vibration test IEC 60598-1
- Flexible drive allocation options for different regions
- Spaces between modules prevent debris build-up by water-flow self-cleaning

### LED and Lens Assembly:

- High efficacy CREE XPG2 LEDS >100 Lm/W
- Glare reducing optical lens design
- Precise, non-image optics system, improves lumen output ratio with uniform distribution
- Lens reflector built directly over the LEDS for accurate beam angle and photometrics
- Durable and abrasion resistant polycarbonate lens with modular design
- Instant on or off without delay or re-strike
- High CRI - RA>75 enhances original colors
- Contains no Mercury or Lead
- No infrared or UV radiation resulting in insect reduction
- National listing lab tested with LM-79 and LM-80 reports to IESNA standards
- Lumen depreciation is L70 at 81,600 hours

### Electrical:

- Philips Advance Xitanium Class I dimmable drivers for ultimate quality and long life
- Optimized life expectancy of driver is 75,000 hours
- 0-10V and programmable dimming options with a network-ready DALI interface. Zigbee capable
- Lead-wires are 18AWG 105C/600V solid copper
- Voltage ranges from 100-277 VAC, 347-480 VAC, 12 VDC and 24 VDC for solar
- Class "A" sound rating
- Max surge protection of 10kv. IEEE/ANSE C62412
- System power factor is >99% and THD <20%
- Thermal protection reduces the LED output if case temperature exceeds 185 degrees fahrenheit
- EMI/RFI: Title 47 CFR part 15 Class A
- LED driver complies with UL standard UL1012

### Certifications and Warranty:

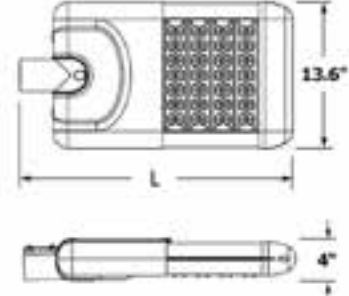
- CE, UL, cUL, suitable for wet locations per UL 1598
- All components are IP66 rated according to IEC60598
- RoHS compliant
- Operating temperature: -40 to 55 C
- Operating humidity: 10% to 95%
- 5 year system warranty




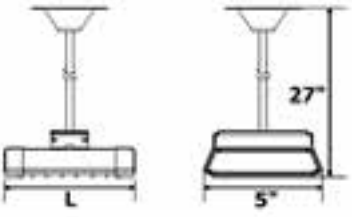

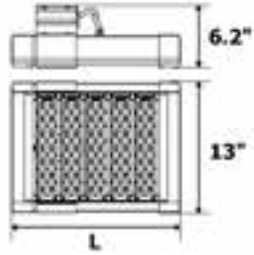

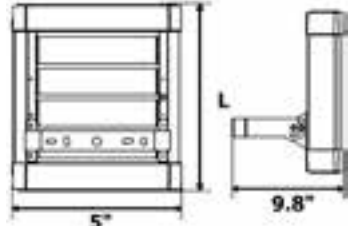
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## Mounting:

<p><b>SM - Static Surface Mount Bracket</b></p> <ul style="list-style-type: none"> <li>• Low profile surface mount kit with several mounting holes</li> <li>• The bracket can also attach to NPT pipe</li> <li>• Stainless steel hardware to ensure long life</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Available in many different IES optics</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and daylight harvesting controls capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 21.7" (L) - 21.8 lbs</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 24.1" (L) - 23.4 lbs</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 26.5" (L) - 25.6 lbs</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 28.9" (L) - 30.2 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• High Bays / Low Bays</li> <li>• Canopies</li> <li>• Gymnasiums</li> <li>• Warehouses</li> <li>• Manufacturing</li> <li>• Garages</li> </ul>
<p><b>RM - Recessed Mounting Kit</b></p> <ul style="list-style-type: none"> <li>• Separate mounting bracket attaches to the ceiling</li> <li>• Mounting clips hold the fixture inside the bracket</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Available in many different IES optics</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• Detailed mounting instructions available</li> <li>• External motion sensor and daylight harvesting controls capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Recessed Soffits</li> <li>• Recessed Canopies</li> <li>• Gymnasiums</li> <li>• High Bay / Low Bay</li> <li>• Retail</li> </ul>
<p><b>AR - 0-90 Degree Rotating Pole Mount</b></p> <ul style="list-style-type: none"> <li>• 2 3/8" OD knuckle with four large securing screws</li> <li>• 0-90 degree rotation with angle adjustment</li> <li>• Stainless steel hardware to ensure long life</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• 1000 hour salt spray tested</li> <li>• Available in many different IES optics</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• Top panel knock out for optional photocell</li> <li>• Tool-less entry door for easy installation and maintenance</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 22.2" (L) - 17.9 lbs - EPA .71 sq.ft</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 24.6" (L) - 19.2 lbs - EPA .81 sq.ft</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 27.1" (L) - 20.9 lbs - EPA .89 sq.ft</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 29.5" (L) - 22.3 lbs - EPA .97 sq.ft</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 31.9" (L) - 26.0 lbs - EPA 1.05 sq.ft</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 34.4" (L) - 27.8 lbs - EPA 1.14 sq.ft</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 36.9" (L) - 29.1 lbs - EPA 1.22 sq.ft</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 39.3" (L) - 30.6 lbs - EPA 1.29 sq.ft</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 41.7" (L) - 32.4 lbs - EPA 1.38 sq.ft</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Roadways</li> <li>• Streets</li> <li>• Parking Lots</li> <li>• Security Lighting</li> </ul>

## Mounting:

<p><b>PM - Pendant Pole with Static Base</b></p> <ul style="list-style-type: none"> <li>• Pendant mounted pole with cone-shaped mounting cup</li> <li>• Stainless steel hardware to ensure long life</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Available in many different IES optics</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and daylight harvesting controls capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 21.7" (L) - 21.8 lbs</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 24.1" (L) - 23.4 lbs</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 26.5" (L) - 25.6 lbs</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 28.9" (L) - 30.2 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Architectural</li> <li>• Pendants</li> <li>• High Bays / Low Bays</li> <li>• Gymnasiums</li> <li>• Warehouses</li> <li>• Restaurants</li> <li>• Retail</li> <li>• Decorative Areas</li> </ul>
<p><b>PL - Static Pole Mount Bracket</b></p> <ul style="list-style-type: none"> <li>• Clamshell slipfitter slides directly onto the pole</li> <li>• Stainless steel, SAE, heavy gauge adjusting screws</li> <li>• Adjustable mounting to fit pipe - 2 3/8" OD</li> <li>• Electrical cable included, pre-wired, extended out of the fixture for quick installation</li> <li>• Available in many different IES optics</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and photocell capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 21.7" (L) - 21.8 lbs</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 24.1" (L) - 23.4 lbs</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 26.5" (L) - 25.6 lbs</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 28.9" (L) - 30.2 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Roadways</li> <li>• Streets</li> <li>• Parking Lots</li> <li>• Billboards</li> <li>• High Mast</li> <li>• Security</li> </ul>
<p><b>TM - Yoke Bracket with Angle Adjust</b></p> <ul style="list-style-type: none"> <li>• Heavy duty yoke bracket, base adjustable</li> <li>• Stainless steel, SAE, heavy gauge adjusting screws</li> <li>• Available in many different IES optics</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and photocell capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 21.7" (L) - 21.8 lbs</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 24.1" (L) - 23.4 lbs</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 26.5" (L) - 25.6 lbs</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 28.9" (L) - 30.2 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Security</li> <li>• Pathway</li> <li>• Sports Courts</li> <li>• Parking Lots</li> <li>• General Flood Lighting</li> </ul>

## Mounting:

<p><b>WM - Static Wall Mount Bracket</b></p> <ul style="list-style-type: none"> <li>• Heavy duty mounting arm for 4" poles or wall mount</li> <li>• Stainless steel, SAE, heavy gauge adjusting screws</li> <li>• Available in many different IES optics</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and photocell capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Wall Packs</li> <li>• Area Lighting</li> <li>• Architectural</li> <li>• Security</li> </ul>
<p><b>RB - Rotating Wall or Ceiling Bracket</b></p> <ul style="list-style-type: none"> <li>• Die-cast aluminum rotating bracket for pole or wall mounting</li> <li>• Available in many different IES optics</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and photocell capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Tunnels</li> <li>• General Flood Lighting</li> <li>• Security</li> <li>• High Bays / Low Bays</li> <li>• Sloped Ceilings</li> </ul>
<p><b>SP - Suspension Kit with Quad Eyelets</b></p> <ul style="list-style-type: none"> <li>• Four eyelets are attached to all four corners of the fixture</li> <li>• Gripple cabling available for easy suspension mounting</li> <li>• Stainless steel hardware to ensure long life</li> <li>• Available in many different IES optics</li> <li>• Dimming and electrical cable included, pre-wired, extended outside the unit for quick installation</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and daylight harvesting controls capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 9.2" (L) - 12.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 11.8" (L) - 13.8 lbs</li> <li>• WDM056: 56 LEDs - 123W - 12300 Lm - 14.3" (L) - 15.5 lbs</li> <li>• WDM070: 70 LEDs - 155W - 15500 Lm - 16.8" (L) - 16.8 lbs</li> <li>• WDM084: 84 LEDs - 185W - 18500 Lm - 19.2" (L) - 20.4 lbs</li> <li>• WDM098: 98 LEDs - 216W - 21600 Lm - 21.7" (L) - 21.8 lbs</li> <li>• WDM112: 112 LEDs - 246W - 24600 Lm - 24.1" (L) - 23.4 lbs</li> <li>• WDM126: 126 LEDs - 277W - 27700 Lm - 26.5" (L) - 25.6 lbs</li> <li>• WDM140: 140 LEDs - 308W - 30800 Lm - 28.9" (L) - 30.2 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Architectural</li> <li>• High Bays / Low Bays</li> <li>• Gymnasiums</li> <li>• Warehouses</li> <li>• Decorative Areas</li> </ul>
<p><b>WP - Decorative Wall Mount Bracket</b></p> <ul style="list-style-type: none"> <li>• Mounts directly to a junction box with wall mount bracket</li> <li>• Top panel knock out for optional photocell</li> <li>• Available in many different IES optics</li> <li>• Optional integrated infrared motion sensor with stepping levels</li> <li>• Terminal block and quick wire disconnects pre-wired</li> <li>• External motion sensor and daylight harvesting controls capable</li> </ul> <p>Available Models:</p> <ul style="list-style-type: none"> <li>• WDM028: 28 LEDs - 62W - 5800 Lm - 12.8" (L) - 20.3 lbs</li> <li>• WDM042: 42 LEDs - 93W - 8800 Lm - 15.3" (L) - 22.7 lbs</li> </ul>		 <p>Applications:</p> <ul style="list-style-type: none"> <li>• Wall Pack</li> <li>• Area Light</li> </ul>

## Accessories: (Adder Applies)

### Vega M AR Accessories (Add to Part Number)

- PC1 - Photocell 100-277 VAC
- PC2 - Photocell 480 VAC
- SC - Shorting Cap
- OC - Open Cap
- RC - Instant Electromagnetic
- Twist Lock Receptacle

### Vega M WP Accessories (Add to Part Number)

- PC1 - Photocell 100-277 VAC
- PC2 - Photocell 347-480 VAC
- SC - Shorting Cap
- OC - Open Cap
- RC - Instant Electromagnetic
- Twist Lock Receptacle
- MSO - Outdoor Microwave Motion Sensor 100-277 VAC

<p><b>PC1 &amp; PC2 - Photocell</b></p> <ul style="list-style-type: none"> <li>• High impact UV stabilized polycarbonate enclosure and clear window</li> <li>• High impact polybutylene terephthalate base</li> <li>• Photocell with 0.5" Cadmium Sulfide with heat sink</li> <li>• ANSI C136.10-1996 Twist Lock receptacle</li> <li>• Time delay 30-120 seconds</li> <li>• Power consumption: 1.5VA (Average)</li> <li>• Operation: 10-20Lx On (Dusk), 30-60Lx Off (Dawn)</li> <li>• Temperature compensated</li> <li>• Lighting arrester on board</li> </ul>		<p>The photocell/receptacle system will control street lighting automatically in accordance with the ambient natural lighting level. This product is designed on the basis of a thermal bimetallic structure that provides time delay over 30 seconds to avoid mis-operation due to spotlight or lightning during the evening hours. A temperature compensation system provides consistent performance regardless of the ambient temperature.</p>
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### Vega M SP Accessories (Add to Part Number) (Adder Applies)

- WDYFIT210: Gripple Y-Fit Standard Hang Fast 100 Lbs Y-Hook with 10' Galvanized Cable and Snap (Pair)
- WDYFIT215: Gripple Y-Fit Standard Hang Fast 100 Lbs Y-Hook with 15' Galvanized Cable and Snap (Pair)
- WDLLOOP210: Gripple 100 Lbs Safety Cable Galvanized 10'
- WDLLOOP215: Gripple 100 Lbs Safety Cable Galvanized 15'

# Photometry:

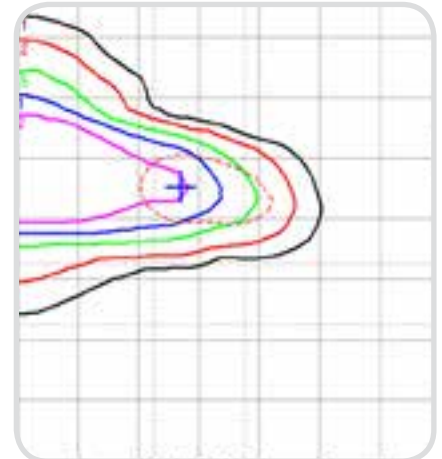
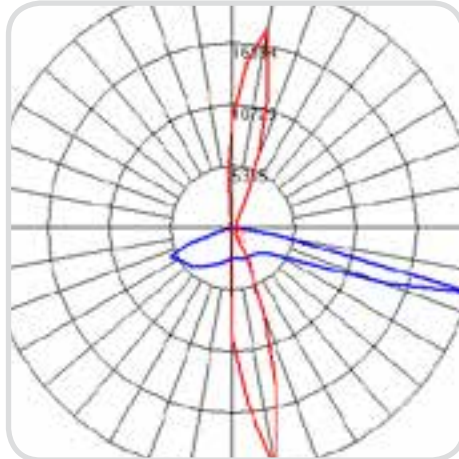
All published luminaire photometric testing performed by Independent Testing Laboratories certified test report # ITL73461. 126 LED Vega M with 27,700 total integrated lumens at 700mA. 4000K candlepower trace and 85 CRI. 120VAC input.



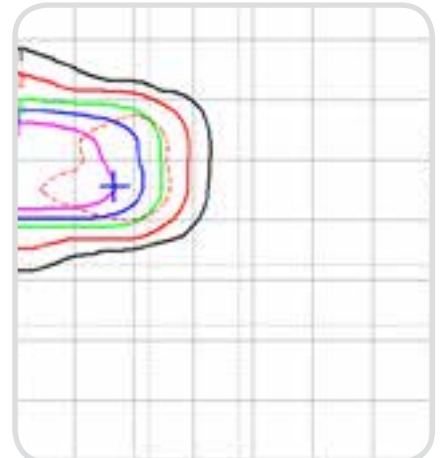
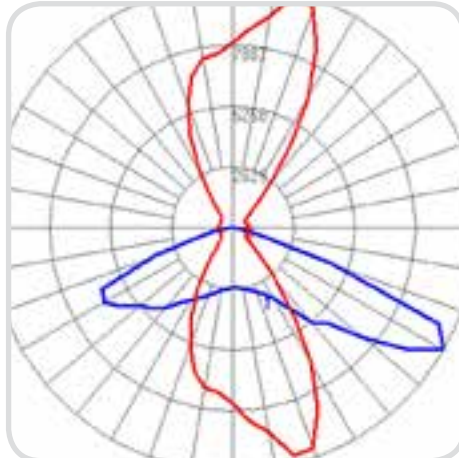
**Polar Curve**  
Polar Trace Vertical and Horizontal Plane through Horizontal Angle of Max Candlepower

**ISO Plot**  
Grid Distance in Units  
Mounting Height of 25'

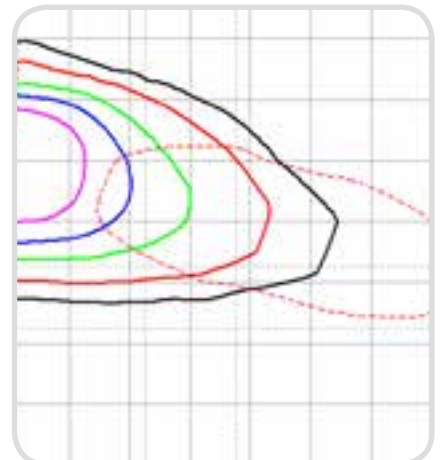
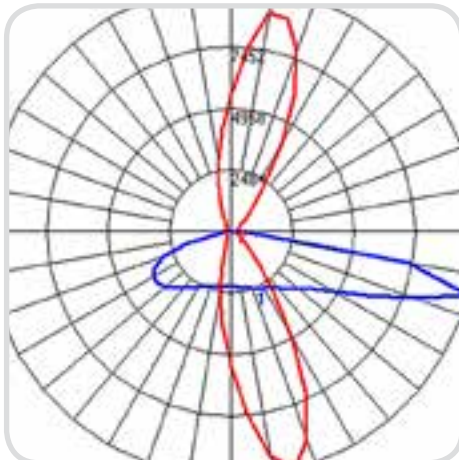
**A2M1 Lens**  
Asymmetric Type II Medium



**A2M3 Lens**  
Asymmetric Type II Med Horizontal



**A3L2 Lens**  
Asymmetric Type III Long



Vivid Leds, Inc.  
PO BOX 9  
Sellersburg, IN 47172  
800-974-3570  
www.vividleds.us

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

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**A1**

Revised 6.1.16

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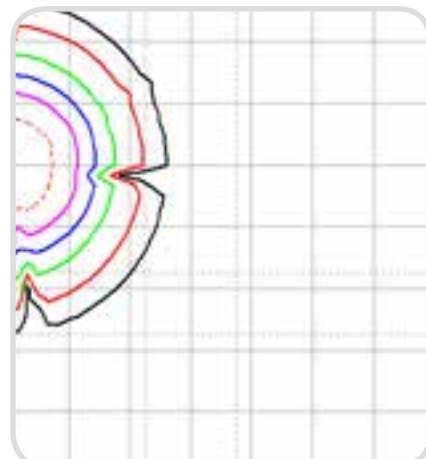
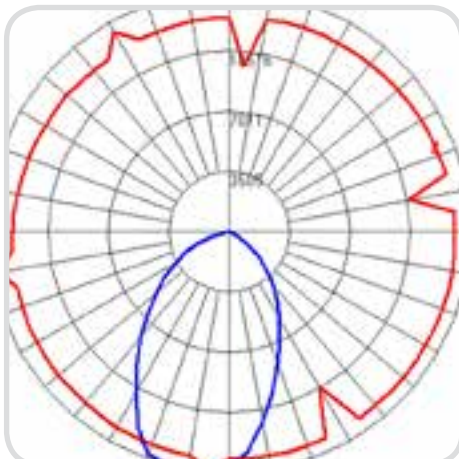
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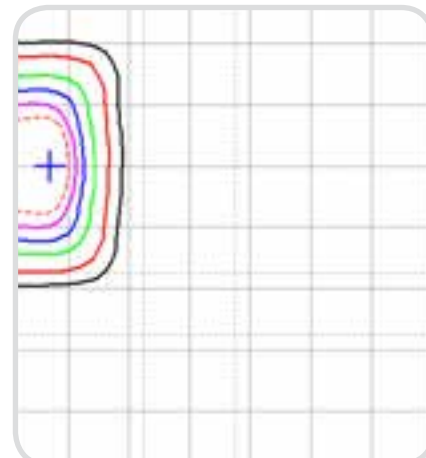
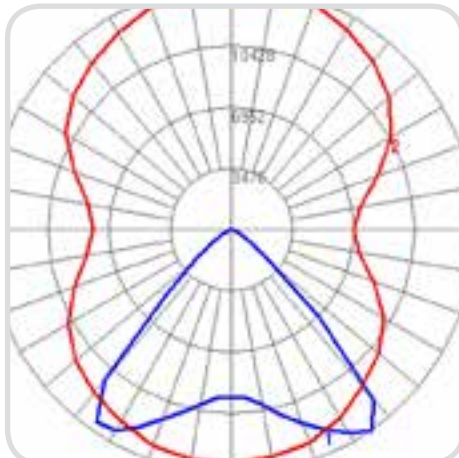
**Polar Curve**  
Polar Trace Vertical and Horizontal Plane  
through Horizontal Angle of Max Candlepower

**ISO Plot**  
Grid Distance in Units  
Mounting Height of 25'

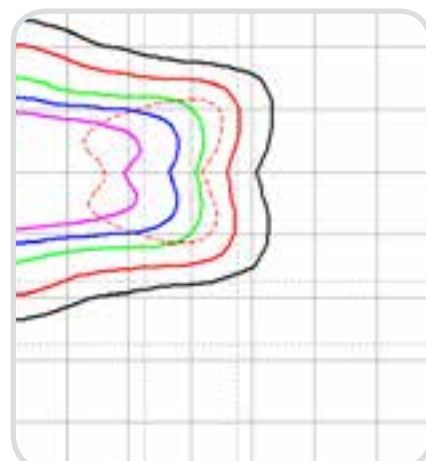
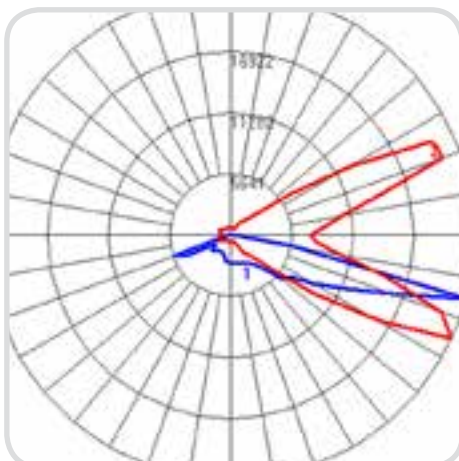
**S5M1 Lens**  
Symmetric Type V Medium



**S1S1 Lens**  
Symmetric Type I Short



**S1M1 Lens**  
Symmetric Type I Medium



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