Product Description

At 150 lumens per watt with 3 different beam patterns, the Array MHR brings design, excellence, and durability to harsh and hazardous rated lighting. Various installation ways for different applications. Explosion proof, the Array MHR is suitable where flammable gases, vapors and combustible dusts are present. Applications include oil and gas rigs, petrochemical plants, paint spray booths, and other hazardous location.

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

Array MHR
Hazardous Location
LED Dimmable Luminaire

Performance Summary

- Energy-efficient Philips 2835 Lumileds LEDS with high efficacy >150 Lm/W
- In stock and ships from several U.S. locations for quick delivery
- Patented heat dissipation design for optimum efficiency
- National listing lab tested to IES standards with 90 degree beam angle
- Better visibility than HID or fluorescent in 5000K CCT
- High lumen maintenance exceeds DOE requirements
- Housing and driver compartment is one piece to maximize heat dissipation
- High quality and efficient thermal heatsinks for long life
- Cooling fins are added to decrease the ambient temperature
- 1/9th LED micro color binning enables tight color control
- Aluminum LED boards with copper tracings for best thermal management
- LED array manufactured using a state-of-the-art SMT machine
- Highly engineered LED system ensures uniformity and maximizes spacing
- Optics are precisely designed to shape the distribution, maximizing eficiency
- Clear polycarbonate lens will not discolor or shatter, chip or break
- Robust cast aluminum housing with low copper content
- Withstands harsh or hostile environments
- Precise number of fins dissipate maximum amount of heat
- Rugged construction ensures long-life and safe operation
- Resistant to shock and vibration
- DuPont textured architectural powdercoat gray finish
- Chromate conversion coating for long lasting appearance
- Multiple mounting options include trunnion, pendant, wall, and round pole
- Rust resistant stainless steel hardware with durable nickel-plating
- High CRI - RA>70 enhances original colors
- 0-10V dimmable driver with integrated 6kV surge protection
- Fast turn on with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Operating temperature: -40 to 65 degrees celsius
- 100,000 hour LED life of maintenance-free, safe operation
- Certifications: CE, RoHS, UL- IP66 indoor or outdoor rated
- 10 year limited warranty

Models:

- VVDMHR100: 100W - 15,500 Lm - 13" (D) X 10.2" (H)
- VVDMHR200: 200W - 31,500 Lm - 13" (D) X 10.2" (H)

Ordering Information:

	Part Number:	

*Adder Applies							Ordering Example: VVDMHR100-50-90-V27-CF-GR-D1
Family	**CCT**	**Optic**	**Voltage**	**Lens**	**Finish**	**Dimming**	**Mount***
VVDMHR100 VVDMHR200	50 - 5000K	90 - 90 Degree	V27 - 120-277V V28 - 347-480V*	CF - Clear PC	GR - Gray	ND - Non Dim D1 - 0-10V Dim	TR - Trunnion (All Models) PD -Pendant (VVDMHR100-V27 Only) WM - Wall (VVDMHR200-V48 Only) RP - Round Pole (VVDMHR100-V48 Only)

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

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Revised 1.12.25