

VersaTEK Medium

LED OFF-Roadway
Series

Versatility by Design

The VersaTEK Medium OFF-Roadway Series provides elite performance illumination & safety for a wide range of offset roadway, interstate highway applications & more, while significantly reducing infrastructure expenses over the installed life of the system.

Providing a safety-focused solution for the drivers on your busy roads & highways and the crews that install & maintain the luminaires year round. VersaTEK's OFF-Roadway Series performance optics with the ability to tilt for maximum coverage & uniformity makes our roads & highways safer for all during any nighttime driving condition.

Required pole counts are significantly reduced thanks to wider on-center spacing & broad multi-lane coverage. Expensive pipe & wire costs are reduced by eliminating the use of secondary pole arms. Resulting in ~70-80%+ in combined energy & maintenance savings and reduced infrastructure costs over the full installed life.

An optional tool-free removable 'Power Door' provides added safety & even more maintenance savings. All serviceable electrical components can be removed and replaced in less than 15 seconds. Keeping field maintenance time in a lift truck on a busy freeway and a pole's downtime to an absolute minimum for everyone's safety.

Key Features, Details & Specs

- 8,878 to 51,526 lumens w/ efficacies up to 189+ LPW
- True 250-750 watt HID replacement (70%+ energy savings)
- Performance Selector option for field adjustment of wattage & lumens
- LEOLink ILS™ Intelligent Lighting System & wireless 'NB01P' smart controller option
- Next-gen performance LED platform, Site & Area, Roadway optics & shielding
- 2700K, 3000K, 4000K & 5000K CCT options available
- Weighs only 27-29 lbs. for easy & safe single person installation
- Tool-free access with optional tool-free removable 'Power Door'
- 10kV integral surge standard, 20kV extreme surge option available
- Entire luminaire & optical assembly is rated IP66
- 50°C (122°F) high-ambient rating is standard
- Pass-thru convective cooling & integral thermal heatsink design
- A360 die-cast low copper content alloy (< 0.6%)
- 5,000-hour salt spray finish standard (coastal finish available)
- All exposed fasteners are stainless steel & captive
- 3G vibration rated suitable for high winds, overpasses, bridges, etc.
- Tested before & after rigorous 2-hour burn-in cycle
- Assembled in the USA at LEOTEK's San Jose, CA facility



Typical Applications

Interstate Highways
Municipal Streets
Toll Plazas & Weigh Stations
On/Off Ramps
Rest Areas & General Parking
Military Bases
Business Parks & Campuses
Bridges & Overpasses



Integral Tool-Free Access Design

Tool-free electrical access & removable hinged door w/ fixed open door prop design for ease of installation or maintenance (compatible w/ most lineman safety gloves)



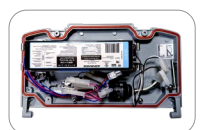
Hassle Free Installation & Maintenance Features

Optional terminal block, a self-centering tenon mount 'star' design assists with leveling to a tenon and a retrofit friendly quick mount pole arm (pole arm mount retrofits up to 5.25" bolt spacing for easy single person no drill install)



Tool-Free Removable Power Door Option

All serviceable electrical components mounted to a Power Door that is accessed & removable without tools in less than 15 seconds (undo MOLEX connectors, push two spring clips to unlock door, slide forward to remove)



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'MAF' mast arm fitter mount

Ordering Information

Sample Catalog No. VTMOR-144A-MV-50K7-WR-GY-P4-SFC-PCR7CR-NB01-TB-SP2-WL1-PWRD-SF277

Product	LED Code	Voltage	Color Temp CRI	Optical Distribution	Finish*	Performance Code	Mounting Options	
VTMOR VersaTEK Medium Off-Roadway	144A 144 LEDs Gen-A	MV 120-277V HV 347-480V	27K7 2700K, 70CRI	NR Narrow Roadway	BK Black	P1	SF ²	Slipfitter w/ Wire Leads (in UL splice compartment)
			30K7 3000K, 70CRI	MR Medium Roadway	DB1 Dark Bronze (RAL8019)	P2	SFH ³	Slipfitter w/ S/O Cord Exiting Housing Bottom (3-wire S/O cord, 16AWG, 4' exit length)
			40K7 4000K, 70CRI	WR Wide Roadway	WH White	P3	SFC ³	Slipfitter w/ S/O Cord Exiting Center of Fitter (3-wire S/O cord, 16AWG, 4' exit length)
			50K7 5000K, 70CRI	T2R Type-2R	GY Gray	P4	SPM	Universal Square Pole Arm Mount
				T2F Type-2F		P5	RPM	Universal Round Pole Arm Mount
			30K8 ¹ 3000K, 80CRI	T3R Type-3R		P6	MAF	Horizontal Mast Arm Fitter (compatible w/ 1-5/8", 2-3/8" and 3" O.D. tenons)
			40K8 ¹ 4000K, 80CRI	T3F Type-3F		P7	ASPM	Universal Square Pole Adjustable Arm Mount
			50K8 ¹ 5000K, 80CRI	T4R Type-4R		P8	ARPM	Universal Round Pole Adjustable Arm Mount
				T4F Type-4F		P9		
				T5 Type-5		P10		
				ORR Optics Rotated Right	*Consult factory for custom finish options, pricing & leadtimes.	P11		
				ORL Optics Rotated Left		P12		
						P13		
						P14		