



M Series™

Surface Mount Super-LED® Lightheads

With a unique lens shape and patented Linear-LED® designed reflector assembly, M Series lightheads are completely illuminated for unmatched high intensity warning and low current consumption.



FEATURES

- SAE Class 1 Certified (warning)
- Available in single or split colors
- Available with Clear or color lenses
- Multiple Scan-Lock™ flash patterns, many being California Title XIII compliant. Meets KKK-1822F, NFPA 1901, NFPA 1917, SAE, and EC65 specifications
- Choose flash patterns from solid, left/right, top/bottom, in/out, or diagonal sequencing
- Brake/tail/turn, turn, and back-up lights meet applicable SAE requirements
- Available in steady-burn or with an internal flasher
- Warning lights with internal flasher have sync and low power functions
- M2 features sync function only
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Surface mounts via two screws for easy installation
- A variety of mounting brackets and optional Chrome or Black flanges are available
- Five year warranty



M2 Series

- Solid color models have 25 Scan-Lock™ flash patterns
- Split color models have 69 Scan-Lock flash patterns
- Wide-angle lens models for NFPA 1901 and KKK-1822F applications
- Standard M2 can be mounted vertically or horizontally
- Size with flange: 2.70" (69mm) H x .94" (24mm) D x 4.27" (109mm) L



M4 Series

- Solid color models have 125 Scan-Lock flash patterns
- Split color models have 64 Scan-Lock flash patterns
- M4 combination warning and driving light
- Housing allows easy mounting of M4 lighthoods in the factory fog light openings of the 2015-2018 Chevy Tahoe and 2015-2018 Ford F-150
- Size with flange: 3.38" (86mm) H x 1.4" (36mm) D x 5.49" (139mm) L

MODELS

Model	Type	Color	Lens	Amp Draw	
M2 Standard Series					
M2*	Warning	A, B, R, W	Color	1.0 peak, 0.45 average	
M2*C		A, B, R	Clear		
M2#		Split R/W, R/B, R/A, A/W			
M2 Wide-Angle Series					
M2W*	Warning	A, B, R, W	Color		
M2W*C		A, B, R	Clear		
M2W#		Split R/W, R/B, R/A			
M2 Series Options				Color	
M2FC	Flange mount			Chrome	
M2FB	Flange mount			Black	
M2GROM	Grommet mount kit				
M2PEDB	Pedestal mount kit			Chrome	
M2PEDC	Pedestal mount kit				

MODELS

Model	Type	Color	Lens	Amp Draw
M4 Series with Internal Flasher & Synchronize Feature				
M4*	Warning	A, B, R, W	Color	Simultaneous: 1.5 peak, 0.6 average Alternating: 0.75 peak, 0.3 average M4DW*: 1.0 peak, 0.4 average
M4*		A, B, R, W		
M4*C		A, B, R	Clear	
M4#		Split R/W, R/B, R/A, A/W		
M4DW*	Combination Driving/Warning Light	B, R		
M4DWJ		Red over Blue		
M4 Models requiring LED Flasher (purchased separately)				
M4*S	Warning	A, B, R, W	Color	
M4*CS		A, B, R, W	Clear	
M4 Series Options				Color
M4FC	Flange			Chrome
M4FB	Flange			Black
M4FC400	Flange, adapts M4 to 400 Series mounting			Chrome
M4BRUSH	Brush guard			Black
M4CT15B	Fog light mount for 2015-2018 Chevy Tahoe, pair			
M4FF15B	Fog light mount for 2015-2018 Ford F-150, pair			Stainless Steel
4BKT1	Universal "L" Mounting Bracket for M4 Series Super-LED® Lighthouse			
M4TM15B	Mirror mount for 2015-2018 Ford Transit, pair			
M4TB15B	Front lower side mount for 2015-2018 Ford Transit, pair			Black



WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



MODELS

Model	Type	Color	Lens	Amp Draw
M6 Series with Internal Flasher & Synchronize Feature				
M6*	Warning	A, B, R, W	Color	Simultaneous: 2.2 peak, 0.9 average
M6*C		A, B, R	Clear	
M6#		Split R/W, R/B, R/A, A/W		
M6 Models requiring LED Flasher (purchased separately)				
M6*S	Warning	A, B, R, W	Color	Alternating: 1.1 peak, 0.45 average
M6*CS		A, B, R, W	Clear	
M6 Utility Lightheads				
M6BTT	Brake/Tail/Turn	R	Color	Brake/Turn - 0.85 average Tail - 0.06 average
M6T	Amber Turn Signal	A		0.75 average
M6BUW	Back-Up Light	W	Clear	1.6 average
M6ZC	Gradient Scenelight	W		2.0 average
M6 Series Options				Color
M6FC	Flange			Chrome
M6FB	Flange			Black
M6FCV2	Flange for 2 Lamps, Vertical			Chrome
M6FCV3	Flange for 3 Lamps, Vertical			
M6FCV4	Flange for 4 Lamps, Vertical			
M6FC600	Flange adapts M6 to 600 Series mounting			
M6HDLMTK	Headlight Mount Kit for ATI & KD with hardware			
M6BRUSH	Brush guard			
6BKT1	"L" Bracket Push Bumper Mount Kit			Black
6BKT2	Angled Bracket Push Bumper Mount Kit			
M6P15C	15° Angled Surface Mount Housing			Chrome
M6P15B				Black
M6PTM5F	Front Light Pod for 8 Lightheads, 2015-2018 Ford Transit, Medium Roof			Black, paintable to match vehicle
M6PT5R	Rear 2 Piece Light Pod for 6 Lightheads, 2015-2017 Ford Transit, Medium or High Roof			
M6PTH5F	Front Light Pod for 8 Lightheads, 2015-18 Ford Transit, High Roof			
M6WLENX	Replace Clear Lens with a Smoked Lens, M6 Warning Models Only			



M6 Series

- Solid color models have 159 Scan-Lock™ flash patterns
- Split color models have 64 Scan-Lock flash patterns
- Available in warning, brake/tail/turn, turn, back-up, and scene light models
- Front or rear lighbar pods house multiple M6 lightheads for the 2015-2018 Ford Transit Medium or High Roof
- Size with flange: 4.31" (109mm) H x 1.40" (36mm) D x 6.70" (170mm) L



MODELS

Model	Type	Color	Lens	Amp Draw
M7 Series with Internal Flasher & Synchronize Feature				
M7*	Warning	A, B, R, W	Color	Simultaneous: 2.5 peak, 0.9 average
M7*C		A, B, R	Clear	
M7#		Split R/W, R/B, R/A, A/W		
M7 Models requiring LED Flasher (purchased separately)				
M7*S	Warning	A, B, R, W	Color	Alternating: 1.125 peak, 0.45 average
M7*CS		A, B, R, W	Clear	
M7 Utility Lightheads				
M7ZC	Gradient Scenelight	W	Clear	2.25 average
M7 Series Options				Color
M7FC	Flange			Chrome
M7FB	Flange			Black
M7FC700	Polished Aluminum Flange			Chrome
M7BRUSH	Brush guard			Black
M7BKT1	Universal Mounting Bracket for one light			
M7WLENX	Replace Clear Lens with a Smoked Lens, for M7 Warning Models only			



M7 Series

- Solid color models have 159 Scan-Lock flash patterns
- Split color models have 64 Scan-Lock flash patterns
- Available in warning & Scenelight models
- Size with flange: 3.38" (86mm) H x 1.40" (36mm) D x 7.64" (194mm) L



M7ZC



WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, C=Clear/White, R=Red
 Replace # symbol in model number with letter indicating split color desired:
 D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber



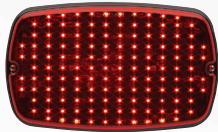


MODELS

Model	Type	Color	Lens	Amp Draw	
M9 Series with Internal Flasher & Synchronize Feature					
M9*	Warning	A, B, R, W	Color	Simultaneous: 3.0 peak, 1.2 average Alternating: 1.2 peak, 0.6 average	
M9*C		A, B, R	Clear		
M9#	Warning, Side-By-Side	Split R/W, R/B, R/A			Clear
M9 Models requiring LED Flasher (purchased separately)					
M9*S	Warning	A, B, R, W	Color		
M9*CS		A, B, R, W	Clear		
M9 DUO™ Series, Scan-Lock, Low Power					
M92#	DUO Warning	R/B, R/W, B/A, B/W, A/W	Color	2.4 amps per color	
Combo Warning/Scenelight, Scan-Lock, Synchronize Feature & Hi/Low					
M9*CZ	Combination Warning/Scenelight	A/W, R/W, B/W, W/W	Clear	Warning - 1.58 average Scenelight - 1.53 average	
M9JCZ	DUO Combination Warning/Scenelight	R/B		Warning - 1.58 average per color Scenelight - 1.53 average	
M9 Utility Lightheads					
M9LZC	Scenelight, includes Flange	W	Clear	6.0 average	
M9BTTX	Brake/tail/turn	R	Color	Brake/Turn - 0.75 average Tail - 0.55 average	
M9T	Amber turn signal	A		1.2 average	
M9BUW	Back-up light	W	Clear	1.8 average	
M9LZC	Scenelight	W		6.0 average	
M9 Options	Description			Color / Type	
M9FC	Flange			Chrome	
M9FB	Flange			Black	
M9FC900	Flange adapts M9 Warning to 900 Series mount			Chrome	
M9FCZ900	Flange adapts M9 Scenelight to 900 Series mount			Chrome	
M9VFC900	Flange adapts M9V to 900 Series mount			Chrome	
M9BRUSH	Brush guard			Black	
M9WLENX	Replace Clear Lens with Smoked Lens, for M9 warning models Only			Smoked Lens	
M9HTM5FC	Front Driver and Passenger Side of the 2015-2018 Ford Transit Medium Roof, sold in pairs, lightheads purchased separately			Chrome-Plated Housing	
M9HTM5RC	Rear Driver and Passenger Side of the 2015-2018 Ford Transit Medium Roof, sold in pairs, lightheads purchased separately				
M9HTH5FC	Front Driver and Passenger Side of the 2015-2018 Ford Transit High Roof, sold in pairs, lightheads purchased separately				
M9HTH5RC	Rear Driver and Passenger Side of the 2015-2018 Ford Transit High Roof, sold in pairs, lightheads purchased separately				

M9 Series

- Solid color models have 159 Scan-Lock™ flash patterns
- Split color models have 64 Scan-Lock flash patterns
- Available in warning, brake/tail/turn, turn, back-up, and scenelight models
- Size with flange: 6.51" (165mm) H x 1.40" (36mm) D x 10.34" (263mm) L



M9BTTX



M9T



M9BUW



M9LZC



M9RCZ



M92E



M9JCZ



Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, C= Clear/White, R=Red
 Replace # symbol in model number with letter indicating split color desired:
 D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber



WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

WHELEN

51 Winthrop Road
 Chester, Connecticut 06412-0684
 (860) 526-9504 www.whelen.com

Whelen Engineering reserves the right to upgrade and improve products without notice.
 © 2019 Whelen Engineering Company, Inc. Printed in U.S.A.
 NASCAR® is a registered trademark of the National Association for Stock Car Auto Racing, Inc.
 Code No. 12177Q - 09/03/2019

WHELEN

OFFICIAL WARNING LIGHTS



All products proudly designed, manufactured,
 and assembled in the U.S.A.
 • ISO 9001 Registered QMS