



## 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	
<b>M2 Standard Series</b>					
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			
<b>M2 Wide-Angle Series</b>					
M2W*	Warning	A, B, R, W	Color		
M2W*C		A, B, R	Clear		
M2W#		Split R/W, R/B, R/A			
<b>M2 Series Options</b>				<b>Color</b>	
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
<b>M4 Series with Internal Flasher &amp; Synchronize Feature</b>				
M4*	Warning	A, B, R, W	Color	<b>Simultaneous:</b> 1.5 peak, 0.6 average  <b>Alternating:</b> 0.75 peak, 0.3 average  <b>M4DW*:</b> 1.0 peak, 0.4 average
M4*		A, B, R, W	Clear	
M4*C		A, B, R		
M4#		Split R/W, R/B, R/A, A/W		
M4DW*	Combination Driving/Warning Light	B, R	Clear	
M4DWJ		Red over Blue		
<b>M4 Models requiring LED Flasher (purchased separately)</b>				
M4*S	Warning	A, B, R, W	Color	
M4*CS		A, B, R, W	Clear	
<b>M4 Series Options</b>				<b>Color</b>
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® Lighthood			
M4TM15B	Mirror mount for 2015-2018 Ford Transit, pair			Black
M4TB15B	Front lower side mount for 2015-2018 Ford Transit, pair			



# MODELS

Model	Type	Color	Lens	Amp Draw
<b>M6 Series with Internal Flasher &amp; Synchronize Feature</b>				
M6*	Warning	A, B, R, W	Color	<b>Simultaneous:</b> 2.2 peak, 0.9 average
M6*C		A, B, R	Clear	
M6#		Split R/W, R/B, R/A, A/W		
<b>M6 Models requiring LED Flasher (purchased separately)</b>				
M6*S	Warning	A, B, R, W	Color	<b>Alternating:</b> 1.1 peak, 0.45 average
M6*CS		A, B, R, W	Clear	
<b>M6 Utility Lightheads</b>				
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
<b>M6 Series Options</b>				<b>Color</b>
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			



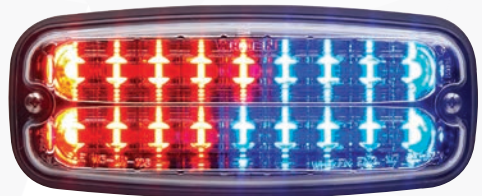
## M6 Series

- 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
<b>M7 Series with Internal Flasher &amp; Synchronize Feature</b>				
M7*	Warning	A, B, R, W	Color	<b>Simultaneous:</b> 2.5 peak, 0.9 average
M7*C		A, B, R	Clear	
M7#		Split R/W, R/B, R/A, A/W		
<b>M7 Models requiring LED Flasher (purchased separately)</b>				
M7*S	Warning	A, B, R, W	Color	<b>Alternating:</b> 1.125 peak, 0.45 average
M7*CS		A, B, R, W	Clear	
<b>M7 Utility Lightheads</b>				
M7ZC	Gradient Scenelight	W	Clear	2.25 average
<b>M7 Series Options</b>				<b>Color</b>
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

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



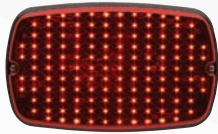


## MODELS

Model	Type	Color	Lens	Amp Draw
<b>M9 Series with Internal Flasher &amp; Synchronize Feature</b>				
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		
<b>M9 Models requiring LED Flasher (purchased separately)</b>				
M9*S	Warning	A, B, R, W	Color	Clear
M9*CS		A, B, R, W	Clear	
<b>M9 DUO™ Series, Scan-Lock, Low Power</b>				
M92#	DUO Warning	R/B, R/W, B/A, B/W, A/W	Color	2.4 amps per color
<b>Combo Warning/Scenelight, Scan-Lock, Synchronize Feature &amp; Hi/Low</b>				
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
<b>M9 Utility Lightheads</b>				
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
<b>M9 Options</b>	<b>Description</b>	<b>Color / Type</b>		
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



M9E2E



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

**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.  
 © 2018 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. 12177P - 02/27/2018

**WHELEN**

OFFICIAL WARNING LIGHTS



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