

M SERIESTM

SURFACE MOUNT SUPER-LED[®] LIGHTHEADS



WHELEN[®]
MANUFACTURED IN AMERICA

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
 - Choose from multiple Scan-Lock™ flash patterns including CA Title 13 compliant patterns
 - Meets KKK-1822F, NFPA 1901, NFPA 1917, SAE, and EC65 specifications
 - DUO™ models include DVI™ light patterns and our patented E Block™ technology
- 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
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
 - Surface mount via two screws for easy installation
 - A variety of mounting brackets and optional Chrome or Black flanges are available
 - 10-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
- M2 features sync function only
- Dimensions (including flange): 4.27” (109mm) W x 2.70” (69mm) H x .94” (24mm) D

Model	Type	LED Color	Lens Color	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 DUO Series					
ML2D#	Warning	DUO R/B, R/W, B/W, A/B	Clear		
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	
M2PEDC	Pedestal Mount Kit	Chrome

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, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber



WARNING: This product 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.

M4 Series



- Solid-color models have 150 Scan-Lock™ flash patterns, including DVI™
- Split-color models have 64 Scan-Lock flash patterns
- Combination Warning and Driving Light
- Easily mounts in the factory fog light opening of the 2015-2018 Chevy Tahoe and 2015-2018 Ford F-150
- Dimensions (including flange): 5.49” (139mm) W x 3.38” (86mm) H x 1.4” (36mm) D

Model	Type	LED Color	Lens Color	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*C		A, B, R, W		
M4#		Split R/W, R/B, R/A, A/W	Clear	
M4V2*	Combination Driving/Warning Light	A, B, R, W		
M4DW*		B, R		
M4DWJ		Red over Blue		
M4 DUO™ Series				
M4D#	Warning	DUO™ R/B, R/W, B/W, A/B	Clear	
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® Lighthead	
M4TM15B	Mirror Mount for 2015-2018 Ford Transit, Pair	Black
M4TB15B	Front Lower Side Mount for 2015-2018 Ford Transit, Pair	

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M6 Series



M62BTT



M62T



M6BU



M6ZC

- 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
- Mounts on Medium or High Roof Ford Transit models
- Dimensions (including flange): 6.70” (170mm) W x 4.31” (109mm) H x 1.40” (36mm) D

Model	Type	LED Color	Lens Color	Amp Draw
M6 Series with Internal Flasher & Synchronize Feature				
M6	Warning	A, B, R, W	Color	Simultaneous: 2.2 Peak, 0.9 Average Alternating: 1.1 Peak, 0.45 Average
M6*C		A, B, R	Clear	
M6V2*		A, B, R, W		
M6V2*C		A, B, R, W		
M6#		Split R/W, R/B, R/A, A/W		
M6 DUO™ Series				
M6D#	Warning	DUO™ R/W, R/B, R/A, A/W	Clear	
M6 Models requiring LED Flasher (purchased separately)				
M6*S	Warning	A, B, R, W	Color	
M6*CS		A, B, R, W	Clear	
M6 Utility Lightheads				
M62BTT	Brake/Tail/Turn	R	Color	Brake/Turn - 0.85 Average Tail - 0.06 Average
M62T	Amber Turn Signal	A		0.75 Average
M6BU	Back-Up Light	W	Clear	1.6 Average
M6ZC	Gradient Scene Light	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	Black
6BKT1	“L” Bracket Push Bumper Mount Kit	
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	

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Replace # symbol in model number with letter indicating split color desired:
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M7 Series



M7ZC

- Solid-color models have 189 Scan-Lock™ flash patterns including DVI™
- Split-color models have 64 Scan-Lock flash patterns
- Available in Warning & Scene Light models
- Dimensions (including flange): 7.64” (194mm) W x 3.38” (86mm) H x 1.40” (36mm) D

Model	Type	LED Color	Lens Color	Amp Draw
M7 Series with Internal Flasher & Synchronize Feature				
M7°C	Warning	A, B, R	Clear	Simultaneous: 2.2 Peak, 0.9 Average
M7*		A, B, R, W	Color	
M7#		Split R/W, R/B, R/A, A/W	Clear	
M7 DUO™ Series				
M7D#	Warning	DUO R/W, R/B, R/A, A/W	Clear	Alternating: 1.1 Peak, 0.46 Average
M7 Models requiring LED Flasher (purchased separately)				
M7*S	Warning	A, B, R, W	Color	
M7*CS		A, B, R, W	Clear	
M7 Utility Lightheads				
M7ZC	Gradient Scene Light	W	Clear	2.25 Average

M7 Series Options		Color
M7FC	Flange	Chrome
M7FB	Flange	Black
M7F2C	Dual Flange	Chrome
M7F2B	Dual 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	

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, F=Amber/White, J=Red/Blue, K=Red/Amber



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M9 Series



- Solid-color models have 189 Scan-Lock® flash patterns including DVI™
- Split-color models have 64 Scan-Lock flash patterns
- Available in Warning, Brake/Tail/Turn, Turn, Back-up, and Scene Light models
- Dimensions (including flange): 10.34” (263mm) W x 6.51” (165mm) H x 1.40” (36mm) D



M92BTT



M92T



M92BU



M9LZC



M9RCZ



M92E



M9JCZ

Model	Type	LED Color	Lens Color	Amp Draw	
M9 Series with Internal Flasher & Synchronize Feature					
M9°C	Warning	A, B, R	Clear	Simultaneous: 3.0 Peak, 1.2 Average	
M9*		A, B, R, W	Color		
M9D#		DUO™ R/B, R/W, B/W, A/B	Clear		
M9#	Warning, Side-By-Side	Split R/W, R/B, R/A			
M9V2*	Warning/ Perimeter	A, B, R, W	Color	Alternating: 1.2 Peak, 0.6 Average	
M9V2°C		A, B, R, W	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/Scene Light, Scan-Lock, Synchronize Feature & Hi/Low					
M9°CZ	Combination Warning/Scene Light	A/W, R/W, B/W, W/W	Clear	Warning - 1.58 Average Scene Light - 1.53 Average	
M9JCZ	DUO Combination Warning/Scene Light	R/B		Warning - 1.58 Average Per Color Scene Light - 1.53 Average	
M9 Utility Lightheads					
M92BTT	Brake/Tail/Turn	R	Color	Brake/Turn - 0.43 Average Tail - 0.05 Average	
M92T	Amber Turn Signal	A		.84 Average	
M92BU	Back-up Light	W	Clear	.12 Average	
M9LZC	Scene Light	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 Scene Light 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	

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M9 EZ Scene Light™



Our new M9 EZ Scene Lights feature high-intensity white illumination with expanded options and functionality. Situation-specific settings and expanded zone efficiency put you in control, so you can shine the light where you need it most. M9 EZ Scene Lights are a powerful scene lighting solution for every situation.

- Redesigned optic aesthetics, light output, and light pattern optimizes light dispersion
 - Gradient Opti-Scenelight™ technology enables efficient use of light
 - Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Selectable turn-on functionality
 - Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
 - Three low-power settings provide situation-specific lighting for a variety of scenarios
- Surface Mount
 - Includes a 6” pigtail
 - IP67 rated
 - Dimenions: 10.35” (263mm) W x 6.28” (160mm) H x 2.39” (61mm) D

Model	Type	LED Color	Lens Color	Amp Draw
M92SLC	Illumination	White	Clear	9.0 Amps at 12VDC
M92SLB				
M92SLC4				4.5 Amps at 24VDC
M92SLB4				



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Preferred Warning Lights of 

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