# SURFACE MOUNT SUPER-LED® LIGHTHEADS



#### 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<sup>™</sup> flash patterns including CA Title 13 compliant
- Meets KKK-1822F, NFPA 1901, NFPA 1917, SAE, and EC65 specifications
- DUO" models include DVI" light patterns sync and low-power functions 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 Surface mount via two screws for easy meet applicable SAE requirements
- · Available in steady-burn or with an internal flasher
- Warning lights with internal flasher have
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- 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
- 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	Туре	LED Color	Lens Color	Amp Draw		
M2 Standard	M2 Standard Series					
M2*		A, B, R, W	Color			
M2*C	Warning	A, B, R	Clear			
M2#	waining	Split R/W, R/B, R/A, A/W				
M2 DUO Seri	es					
ML2D#	Warning	DUO R/B, R/W, B/W, A/B	Clear	1.0 Peak, 0.45 Average		
M2 Wide-Ang	le Series			_		
M2W*		A, B, R, W	Color			
M2W*C	Warning	A, B, R	Clear			
M2W#	Hailing	Split R/W, R/B, R/A		Clear		

M2 Series Options		Color
M2FC	Flange Mount	Chrome
M2FB	Flange Mount	
M2GROM	Grommet Mount Kit	Black
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





WARNING: This product may contain chemicals known to the State of For more information, visit whelen.com/regulatory.

#### **M4 Series**



- Solid-color models have 150 Scan-Lock flash patterns, including DVI<sup>™</sup>
- 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

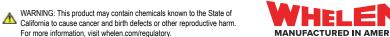


Model	Туре	LED Color	Lens Color	Amp Draw
M4 Series w	ith Internal Flasher & S	Synchronize Feature		
M4*		A, B, R, W	Color	
M4*C	Warning	A, B, R, W		
M4#		Split R/W, R/B, R/A, A/W		
M4V2*	Combination Driving/Warning Light	A, B, R, W	Clear	Simultaneous: 1.5 Peak, 0.6 Average  Alternating:
M4DW*		B, R		
M4DWJ		Red over Blue		0.75 Peak, 0.3 Average
M4 DUO™ Se	eries	'	'	M4DW*:
M4D#	Warning	DUO™ R/B, R/W, B/W, A/B	Clear	1.0 Peak, 0.4 Average
M4 Models				
M4*S	Warning	A, B, R, W	Color	
M4*CS	Warning	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	DI I	
м4СТ15В	Fog Light Mount for 2015-2018 Chevy Tahoe, Pair	Black	
M4FF15B	Fog Light Mount for 2015-2018 Ford F-150, Pair	Chairelana Charl	
4BKT1	Universal "L" Mounting Bracket for M4 Series Super-LED <sup>®</sup> Lighthead	Stainless Steel	
M4TM15B	Mirror Mount for 2015-2018 Ford Transit, Pair	DII-	
M4TB15B	Front Lower Side Mount for 2015-2018 Ford Transit, Pair	Black	

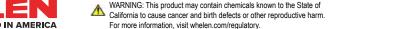
Replace \* symbol in model number with letter indicating color desired: A=Amber, B=Blue, C= Clear/White, R=Red Replace # symbol in model number with letter indicating split color desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue,







1111111



#### **M6** Series







M62BTT







• 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	Туре	LED Color	Lens Color	Amp Draw		
M6 Series wit	M6 Series with Internal Flasher & Synchronize Feature					
M6		A, B, R, W	Color			
M6*C		A, B, R				
M6V2*	Warning	A, B, R, W				
M6V2*C		A, B, R, W	Clear	Simultaneous:		
M6#		Split R/W, R/B, R/A, A/W		2.2 Peak, 0.9 Average		
M6 DUO™ Ser	ies			Alternating:		
M6D#	Warning	DUO™ R/W, R/B, R/A, A/W	Clear	1.1 Peak, 0.45 Average		
M6 Models re	quiring LED Flasher (purc	chased separately)		, , ,		
M6*S	Manning	A, B, R, W Color	Color			
M6*CS	Warning	A, B, R, W	Clear			
M6 Utility Lig	htheads					
M62BTT	Brake/Tail/Turn	R	Color	Brake/Turn - 0.85 Average Tail - 0.06 Average		
M62T	Amber Turn Signal	А		0.75 Average		
M6BU	Back-Up Light	W	Clear	1.6 Average		
M6ZC	Gradient Scene Light	W	Cledi	2.0 Average		

	Ordalem Scene Light	•••		Average
M6 Series Op	tions			Color
M6FC	Flange			Chrome
M6FB	Flange			Black
M6FCV2	Flange for 2 Lamps, Verti	cal		
M6FCV3	Flange for 3 Lamps, Verti	cal		
M6FCV4	Flange for 4 Lamps, Verti	cal		Chrome
M6FC600	Flange Adapts M6 to 600	Series Mounting		
M6HDLMTK	Headlight Mount Kit for A	TI & KD with Hardware		
M6BRUSH	Brush Guard  "L" Bracket Push Bumper Mount Kit  B			
6BKT1				Black
6BKT2	Angled Bracket Push Bun	nper Mount Kit		
M6P15C	1E° Anglad Curface Maun	+ Housing		Chrome
M6P15B	15° Angled Surface Moun	t nousing		Black
M6PTM5F	Front Light Pod for 8 Lightheads, 2015-2018 Ford Transit, Medium Roof			Plack Paintable
M6PT5R	Rear 2 Piece Light Pod fo	r 6 Lightheads, 2015-2017	Ford Transit, Medium or High Roof	Black, Paintable to Match Vehicle
M6PTH5F	Front Light Pod for 8 Ligh	theads, 2015-18 Ford Trans	sit, High Roof	to Materi Vernicie
M6WLENX	Replace Clear Lens with a	a Smoked Lens, M6 Warnin	g 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





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.

#### **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	Туре	LED Color	Lens Color	Amp Draw
M7 Series wit	th Internal Flasher & Synd	chronize Feature		
M7*C		A, B, R	Clear	Simultaneous:
M7*	Warning	A, B, R, W	Color	
M7#		Split R/W, R/B, R/A, A/W	Clear	2.2 Peak, 0.9
M7 DUO™ Ser	ies			Average  Alternating:
M7D#	Warning	DUO R/W, R/B, R/A, A/W	Clear	
M7 Models re	1.1 Peak, 0.46			
M7*S	Mayaina	A, B, R, W	Color	Average
M7*CS	Warning	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	Disale
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



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.





-111111-

#### **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







M92









M9RCZ

M92E



M9JC

**—//////** 

Model	Туре	LED Color	Lens Color	Amp Draw		
M9 Series with Internal Flasher & Synchronize Feature						
М9*С		A, B, R	Clear			
M9*	Warning	A, B, R, W	Color			
M9D#	waining	DUO™ R/B, R/W, B/W, A/B				
M9#	Warning, Side-By-Side	Split R/W, R/B, R/A	Clear	Simultaneous: 3.0 Peak, 1.2 Average		
M9V2*	Warning/ Darimatar	A, B, R, W	Color	Alternating:		
M9V2*C	Warning/ Perimeter	A, B, R, W	Clear	1.2 Peak, 0.6 Average		
M9 Models red	uiring LED Flasher (pu	urchased separate	ly)			
M9*S		A, B, R, W	Color			
M9*CS	Warning	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 Warnin	g/Scene Light, Scan-L	ock, Synchronize F	eature & Hi/l	-ow		
M9*CZ	Combination Warning/Scene Light	A/W, R/W, B/W, W/W		Warning - 1.58 Average Scene Light - 1.53 Average		
M9JCZ	DUO Combination Warning/Scene Light	R/B	Clear	Warning - 1.58 Average Per Color Scene Light - 1.53 Average		
M9 Utility Ligh	theads					
M92BTT	Brake/Tail/Turn	R	Color	Brake/Turn - 0.43 Average Tail - 0.05 Average		
M92T	Amber Turn Signal	Α		.84 Average		
M92BU	Back-up Light	W	Clear	.12 Average		
M9LZC	Scene Light	W	Cledi	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
м9нтм5FC	Front Driver and Passenger Side of the 2015-2018 Ford Transit Medium Roof, Sold in Pairs, Lightheads Purchased Separately	
M9HTM5RC	Rear Driver and Passenger Side of the 2015-2018 Ford Transit Medium Roof, Sold in Pairs, Lightheads Purchased Separately	Chrome-Plated
м9нтн5FC	Front Driver and Passenger Side of the 2015-2018 Ford Transit High Roof, Sold in Pairs, Lightheads Purchased Separately	Housing
M9HTH5RC	Rear Driver and Passenger Side of the 2015-2018 Ford Transit High Roof, Sold in Pairs, Lightheads Purchased Separately	

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: 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.



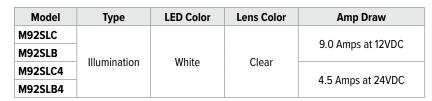
### **M9 EZ Scene Light**<sup>™</sup>

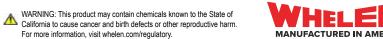




Our new M9 EZ Scene Lights feature high-intensity white illumination with expanded options and functionality. Situation-specific settings and expanded zone efficiency put you in control, so you can shine the light where you need it most. M9 EZ Scene Lights are a powerful scene lighting solution for every 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" pigtailIP67 rated
- 67 rated
- Dimenions: 10.35" (263mm) W x 6.28" (160mm) H x 2.39" (61mm) D







## MSERIES TM SURFACE MOUNT SUPER-LED® LIGHTHEADS



@WhelenENG













**Preferred Warning Lights of**