



SurfaceMax™ Series

Super-LED® Lightheads

Whelen's SurfaceMax Series features the versatility and performance of the Hundred Series, with a full-fill optic and all-new patented mounting technology, providing easy installation and a clean look. The SurfaceMax Series mounts to a variety of applications and is available in Warning, Brake/Tail/Turn, Turn Arrow, Back-up, and Scene models.



C9



C6



C7T



FEATURES

- Meets SAE, ECE, and Title XIII specifications
- Available in Warning, Brake/Tail/Turn, Turn Arrow, Back-up, and Scene models
- Compatible with Whelen's Scan-Lock™+ app*
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- 100% solid-state electronics
- Rated IP67 for dust and water resistance
- Hi/Low power
- Easy to install patented mounting technology snaps into place and provides a clean look
- Optional Chrome or Black flange
 - C9 Scenelight includes Chrome flange
- Lack of metallic fasteners prevent galvanic corrosion, preventing paint defects
- Includes 6" pigtail
- Fits existing mounting footprint of Hundred Series lightheads
 - Backwards compatible to existing mounts
- 12 VDC, for 24VDC refer to the current price list
- Five year warranty

*For more information on the Scan-Lock+ app, visit whelen.com/scanlockplus



PLASC3V

MODELS

C6 Series	
C6L*	Warning, Amber, Blue, Red or White internal flasher with Scan-Lock™ flash patterns and Hi/Low
C6L*C	Warning, Amber, Blue, Red or White with Clear lens, internal flasher with Scan-Lock flash patterns and Hi/Low
C6*S	Warning, Amber, Blue, Red or White, requires LED flasher purchased separately
C6*SC	Warning, Amber, Blue, Red or White with Clear lens, requires LED flasher purchased separately
C6#	Warning, split color, Red/White, Red/Blue, Red/Amber with internal flasher with Scan-Lock flash patterns
C6SL	NEW Scenelight
C6T	Amber Turn Signal, sequential chevron arrow
C6TC	Amber Turn Signal Clear outer lens, sequential chevron arrow
C6BU	Back-up light, maximum intensity
C6BUL	Back-up light, minimum intensity
C6BTT	LED Brake/Tail/Turn
C6BTTC	LED Brake/Tail/Turn, Clear lens
C6FC	Optional Chrome flange
C6FB	Optional Black flange
PLASC3V	Optional vertical Chrome-plated flange for three lightheads (lightheads purchased separately)
PLASC4V	Optional vertical Chrome-plated flange for four lightheads (lightheads purchased separately)
C7 Series	
C7L*	Warning, Amber, Blue, Red or White internal flasher with Scan-Lock flash patterns and Hi/Low
C7L*C	Warning, Amber, Blue, Red or White with Clear lens, internal flasher with Scan-Lock flash patterns and Hi/Low
C7*S	Warning, Amber, Blue, Red or White, requires LED flasher purchased separately
C7*SC	Warning, Amber, Blue, Red or White with Clear lens, requires LED flasher purchased separately
C7#	NEW Split color with Clear outer lens, side-by-side, Red/White, Blue/White, Red/Blue or Red/Amber only. Internal flasher with flash patterns and synchronize
C7SL	NEW Scenelight
C7T	Amber Turn Signal, sequential chevron arrow
C7TC	Amber Turn Signal, Clear outer lens, sequential chevron arrow
C7BU	Back-up light, maximum intensity
C7BUL	Back-up light, minimum intensity
C7BTT	LED Brake/Tail/Turn
C7BTTC	LED Brake/Tail/Turn, Clear lens
C7FC	Optional Chrome flange
C7FB	Optional Black flange

C9 Series	
C9L*	Warning, Amber, Blue, Red or White internal flasher with Scan-Lock flash patterns and Hi/Low
C9L*C	Warning, Amber, Blue, Red or White with Clear lens, internal flasher with Scan-Lock flash patterns and Hi/Low
C9*S	Warning, Amber, Blue, Red or White, requires LED flasher purchased separately
C9*SC	Warning, Amber, Blue, Red or White with Clear lens, requires LED flasher purchased separately
C9#	Warning, split color, Red/White, Red/Blue, Red/Amber with internal flasher with Scan-Lock flash patterns
C9SL	Scene light, includes Chrome flange
C9T	Amber Turn Signal, sequential chevron arrow
C9TC	Amber Turn Signal Clear outer lens, sequential chevron arrow
C9BTT	LED Brake/Tail/Turn
C9BTTC	LED Brake/Tail/Turn, Clear lens
C9FC	Optional Chrome flange
C9FB	Optional Black flange

Replace * symbol in model number with letter indicating color desired:
A = Amber, B = Blue, C = White, R = Red



Replace # symbol in model number with letter indicating split color desired:
D=Red/White, E=Blue/White, J=Red/Blue, K=Red/Amber



SPECS

Version	Dimensions (inches)			Amps	Patterns**	
	H	W	D			
C6	Warning	7.56	5.15	1.58	1.3/peak 0.52/avg	75
	B/T/T				0.40/peak 0.5/avg	2
	Turn Arrow				0.46/peak 0.18/avg	6
	Back-up max				0.83/avg	-
	Back-up min				0.125/avg	-
C7	Warning	8.29	4.08	1.58	1.25/peak 0.5/avg	75
	B/T/T				0.80/peak 0.7/avg	2
	Turn Arrow				0.45/peak 0.17/avg	6
	Back-up max				0.5/avg	-
	Back-up min				0.15/avg	-
C9	Warning	10.13	8.13	1.58	2.5/peak 1.0/avg	139
	B/T/T				0.35/peak 0.04/avg	2
	Turn Arrow				0.75/peak 0.28/avg	6
	Scene				2.02	6.0/avg

Notes:
Depth is from mounting surface to lens apex on center line

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. 13157G - 12/19/2018

WHELEN®
OFFICIAL WARNING LIGHTS



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