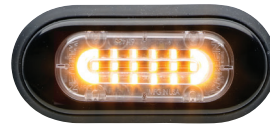# T-SERIES™ FAMILY

LIGHTHEADS

T-Series lightheads deliver high-performance warning or illumination in a compact, low-profile design. With a depth of only 0.5", these lightheads are ideal for vehicle applications requiring minimal footprint and seamless integration.
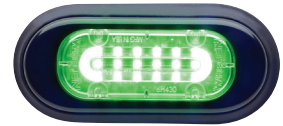
WHELEN®

MANUFACTURED IN AMERICA

Mini T-Series™

‖SOLO™ ‖DUO™ ‖TRIO™

TMS0A

TMS0G

FEATURES

- Linear Super-LED® technology
- Black flange included
- Surface mount via 2 screws or stud mount for easy installation
- 36 Scan-Lock™ flash patterns including steady-burn
- Steady-Lock® technology sets lightheads to steady automatically when used with a Core® control system
- Smoked lenses available
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- E Block™ technology prevents air and moisture from entering lighthead
- Dynamic Variable Intensity™ (DVI™)
- SOLO™/DUO™: Low power available

SPECS

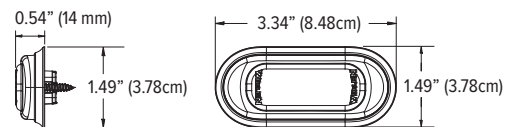|	
Voltage:	10-30 VDC
Amps @ 12.8 VDC:	SOLO/DUO: 0.80 (peak), 0.50 (avg.)
	TRIO™: 0.35 (peak), 0.22 (avg.)
Certifications:	SAE Class 1, IP67, and CA Title 13
Dimensions:	Surface Mount:
	3.34" (8.48cm) W x 1.49" (3.78cm) H x 0.54" (14mm) D
	Stud Mount:
	3.34" (8.48cm) W x 1.49" (3.78cm) H x 0.48" (12mm) D
Warranty:	10-year

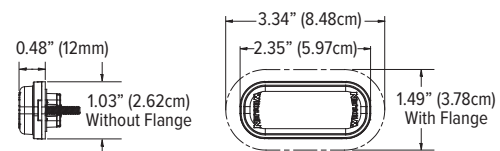| Clear	Smoked	Description
TMS0*	TMS0*X	Surface Mount, SOLO Color, Amber, Blue, White, Green or Red
TMSP*	TMSP*X	Surface Mount, SOLO Color, Amber, Blue, White, Green or Red, Low Power
TMS0#	TMS0#X	Surface Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green
TMSP#	TMSP#X	Surface Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green, Low Power
TMS0#*	TMS0#*X	Surface Mount, TRIO Color, Red/Blue/Amber, Red/Blue/White, Red/Blue/Green, Red/Amber/White, Red/Amber/Green, Red/Green/White, Blue/Amber/White, Blue/Amber/Green, Blue/Green/White, Green/Amber/White
TMT0*	TMT0*X	Stud Mount, SOLO Color, Amber, Blue, White, Green or Red
TMTP*	TMTP*X	Stud Mount, SOLO Color, Amber, Blue, White, Green or Red, Low Power
TMT0#	TMT0#X	Stud Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green
TMTP#	TMTP#X	Stud Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green, Low Power
TMT0#*	TMT0#*X	Stud Mount, TRIO Color, Red/Blue/Amber, Red/Blue/White, Red/Blue/Green, Red/Amber/White, Red/Amber/Green, Red/Green/White, Blue/Amber/White, Blue/Amber/Green, Blue/Green/White, Green/Amber/White

* Replace symbol in model number with letter indicating desired color: A = Amber, B = Blue, C = White, G = Green, R = Red
# Replace symbol in model number with letter indicating color combo desired: D = Red/White, E = Blue/White, F = Amber/White, H = Green/White, J = Red/Blue, K = Red/Amber, L = Red/Green, M = Blue/Amber, N = Blue/Green, P = Amber/Green
#* Replace symbol in model number with letter indicating colors desired: JA = Red/Blue/Amber, JC = Red/Blue/White, JG = Red/Blue/Green, KC = Red/Amber/White, KG = Red/Amber/Green, LC = Red/Green/White, MC = Blue/Amber/White, MG = Blue/Amber/Green, NC = Blue/Green/White, PC = Green/Amber/White

OPTIONS

Model	Description
TMFLANGB	Black Flange for Stud Mount
TMFLANGC	Chrome Flange for Surface or Stud Mount
TMFLANGW	White Flange for Surface or Stud Mount
TIONMGRM	Grommet Mount Kit
TIONMBK1	Universal Adjustable License Plate Bracket for Two Mini T-Series Lightheads, Vertical Mount
TIONMBK2	Universal Swivel License Plate Bracket for Two Mini T-Series Lightheads, Horizontal Mount
TIONMBK4	Universal Over/Under "L" Mounting Bracket for Two Mini T-Series Lightheads

0.54" (14 mm) 1.49" (3.78cm) 3.34" (8.48cm) 1.49" (3.78cm)

Mini T-Series with Surface Mount

0.48" (12mm) 1.03" (2.62cm) Without Flange 3.34" (8.48cm) 2.35" (5.97cm) 1.49" (3.78cm) With Flange

Mini T-Series with Stud Mount

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T-Series™

ISOLO™ IDUO™ ITRIO™

TSS0B

TSS0C

FEATURES

- Linear Super-LED® technology
- Black flange included
- Surface mount via 2 screws or stud mount for easy installation
- 36 Scan-Lock™ flash patterns including steady-burn
- Steady-Lock® technology sets lightheads to steady automatically when used with a Core® control system
- Smoked lenses available
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- E Block™ technology prevents air and moisture from entering lighthead
- Dynamic Variable Intensity™ (DVI™)
- SOLO™/DUO™: Low power available

SPECS

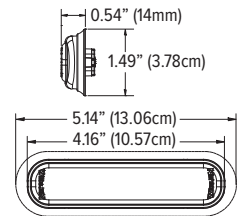|	
Voltage:	10-30 VDC
Amps @ 12.8 VDC:	SOLO: 1.10 (peak), 0.69 (avg.)
	DUO: 0.54 (peak), 0.34 (avg.)
	TRIO™: 0.60 (peak), 0.38 (avg.)
Certifications:	SAE Class 1, IP67, NFPA 1900, and CA Title 13
Dimensions:	Surface Mount:
	5.14" (13.06cm) W x 1.49" (3.78cm) H x 0.54" (14mm) D
	Stud Mount:
	5.14" (13.06cm) W x 0.91" (23mm) H x 0.42" (11mm) D
Warranty:	10-year

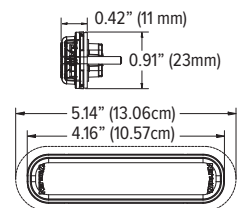| Clear	Smoked	Description
TSS0*	TSS0*X	Surface Mount, SOLO Color, Amber, Blue, White, Green or Red
TSSP*	TSSP*X	Surface Mount, SOLO Color, Amber, Blue, White, Green or Red, Low Power
TSS0#	TSS0#X	Surface Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green
TSSP#	TSSP#X	Surface Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green, Low Power
TSS0#*	TSS0#*X	Surface Mount, TRIO Color, Red/Blue/Amber, Red/Blue/White, Red/Blue/Green, Red/Amber/White, Red/Amber/Green, Red/Green/White, Blue/Amber/White, Blue/Amber/Green, Blue/Green/White, Green/Amber/White
TST0*	TST0*X	Stud Mount, SOLO Color, Amber, Blue, White, Green or Red
TSTP*	TSTP*X	Stud Mount, SOLO Color, Amber, Blue, White, Green or Red, Low Power
TST0#	TST0#X	Stud Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green
TSTP#	TSTP#X	Stud Mount, DUO Color, Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber, Red/Green, Blue/Amber, Blue/Green, Amber/Green, Low Power
TST0#*	TST0#*X	Stud Mount, TRIO Color, Red/Blue/Amber, Red/Blue/White, Red/Blue/Green, Red/Amber/White, Red/Amber/Green, Red/Green/White, Blue/Amber/White, Blue/Amber/Green, Blue/Green/White, Green/Amber/White

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\# Replace symbol in model number with letter indicating color combo desired: D = Red/White, E = Blue/White, F = Amber/White,
H = Green/White, J = Red/Blue, K = Red/Amber, L = Red/Green, M = Blue/Amber, N = Blue/Green, P = Amber/Green
\#* Replace symbol in model number with letter indicating colors desired: JA = Red/Blue/Amber, JC = Red/Blue/White, JG = Red/Blue/Green, KC = Red/Amber/White,
KG = Red/Amber/Green, LC = Red/Green/White, MC = Blue/Amber/White, MG = Blue/Amber/Green, NC = Blue/Green/White, PC = Green/Amber/White

OPTIONS

Model	Description
TSFLANGB	Black Flange for Stud Mount
TSFLANGC	Chrome Flange for Surface or Stud Mount
TSFLANGW	White Flange for Surface or Stud Mount
TIONBKT1	Universal "L" Mounting Bracket for One T-Series Lighthead 1.5" High Bracket with the Center Line of the Mounting Holes at 0.89" High
TIONBKT2	Universal Adjustable License Plate Bracket for Two T-Series Lightheads
TIONBKT3	Universal "L" Mounting Bracket for Two T-Series Lightheads
TIONBKT4	Universal Over/Under "L" Mounting Bracket for Two T-Series Lightheads
TIONBKT5	Grille Array for 2020-2025 Ford Police Interceptor Utility, for Six T-Series Lightheads (Purchased Separately)
TIONBKT6	Universal "L" Mounting Bracket for One T-Series Lighthead 2" High Bracket with the Center Line of the Mounting Holes at 1.39" High
TIONBKT7	One Pair Running Board Mounting Brackets for 2021-2023 Chevy Tahoe for One T-Series Lighthead
TIONWEDG	Wedge Kit, Includes One 15° and Two 5° Wedges

0.54" (14mm)
1.49" (3.78cm)
5.14" (13.06cm)
4.16" (10.57cm)
T-Series with Surface Mount

0.42" (11 mm)
0.91" (23mm)
5.14" (13.06cm)
4.16" (10.57cm)
T-Series with Stud Mount

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Mega T-Series™
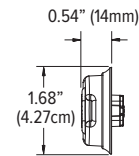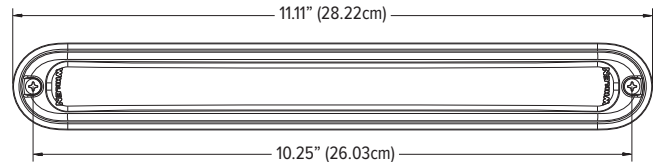
ISOLO™ IDUO™ ITRIO™

FEATURES

- Linear Super-LED® optics
- SOLO™: 25 Scan-Lock™ flash patterns including steady-burn
- DUO™: 67 Scan-Lock flash patterns including steady-burn
- TRIO™: 73 Scan-Lock flash patterns including steady-burn
- Steady-Lock® technology sets lightheads to steady automatically when used with a Core® control system
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Surface mount via 2 screws for easy installation
- E Block™ technology prevents air and moisture from entering lighthead
- TRIO: Dynamic Variable Intensity™ (DVI™)

PSJA3FCR

MEGA T-SERIES SPECS

Voltage:	SOLO/DUO: 12 VDC, TRIO: 10-30 VDC
Amps @ 12.8 VDC:	SOLO/DUO: 0.82 (peak), 0.33 (avg.)
	TRIO: 0.88 (peak), 0.35 (avg.)
Certifications:	SAE Class 1, IP67, CA Title 13
Dimensions:	11.11" (28.22cm) W x 1.68" (4.27cm) H x 0.54" (14mm) D
Warranty:	10-year

11.11" (28.22cm)

10.25" (26.03cm)

0.54" (14mm)

1.68" (4.27cm)

Model	Description
PS*01FCR	Surface Mount, SOLO Color, Amber, Blue, White, Green or Red
PS#02FCR	Surface Mount, DUO Color, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber
PS#*3FCR	Surface Mount, TRIO Color, Red/Blue/Amber, Red/Blue/White, Red/Amber/White, Red/Amber/Green, Red/Green/White, Blue/Amber/White, Blue/Amber/Green, Blue/Green/White, Green/Amber/White

 * Replace symbol in model number with letter indicating desired color: A = Amber, B = Blue, C = White, G = Green, R = Red
 # Replace symbol in model number with letter indicating color combo desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber
 #* Replace symbol in model number with letter indicating colors desired: JA = Red/Blue/Amber, JC = Red/Blue/White, KC = Red/Amber/White, KG = Red/Amber/Green, LC = Red/Green/White, MC = Blue/Amber/White, MG = Blue/Amber/Green, NC = Blue/Green/White, PC = Green/Amber/White

OPTIONS

Model	Description
PSFC	Chrome Flange
PSBKT45	45° Mounting Bracket for One Mega T-Series Lighthead
PSBKT2	Guard for One Mega T-Series Lighthead
PSBKT90	90° Mounting Bracket for One Mega T-Series Lighthead

T-SERIES™ FAMILY
LIGHTHEADS