

ION® Series

LIGHTHEADS | SOLO™ | DUO™ | TRIO™



Engineered for optimal durability and versatility, the ultra compact ION Series provides high-intensity warning or illumination. Models are available in a variety of sizes, optics, and configurations for every application. DUO™ and TRIO™ models feature two-color or three-color interleaved LEDs, respectively, and advanced Linear Super-LED® optics.



WIONJ
Split - Wide-Angle
Universal mount



ION
Smoked lens
Universal mount



IONSMA
SOLO™ - Wide-Angle
Surface mount

FEATURES

- TIR™ directional or wide-angle light spread models available
- Universal or surface mounts available
- Universal mount options include bail/swivel bracket in Black or White, rubber grommet, and pedestal mount in Black or White
- Surface mount includes Black (default), White, or Chrome flange
- Amber, Blue, Green, Red, and White combinations available

SOLO

- Single- or split-color models available
- 10" 4-wire pigtail cable included
- 33 Scan-Lock™ flash patterns

DUO

- 10" 5-wire pigtail cable included
- Independent control of color one and color two
- 67 Scan-Lock flash patterns

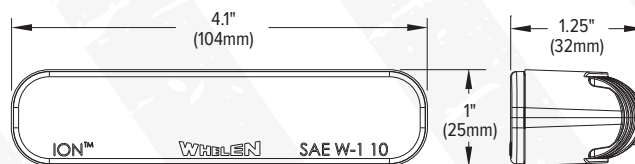
TRIO

- 10" 6-wire pigtail cable included
- Choose from any combination of color one, color two, and/or color three
- Color three features steady-burn override
- 32 Scan-Lock flash patterns

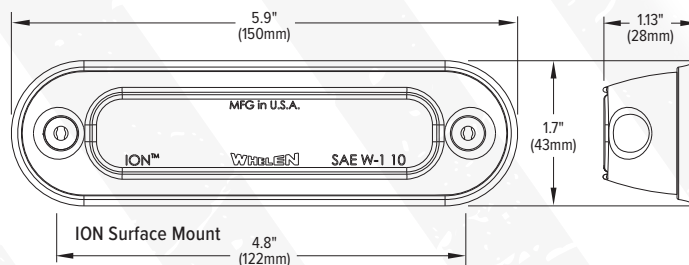
SPECS

Voltage:	12 VDC
Amps:	SOLO: 1.0 (peak), 0.40 (avg.) DUO: 0.70 (peak), 0.28 (avg.) per color TRIO: 0.95 (peak), 0.38 (avg.) per color
Certifications:	Wide-angle surface mount lighthead meets NFPA 1900 Contributor, KKK-A-1822F Contributor, SAE Class 1*
Dimensions:	Universal mount size: 4.1" (104mm) L x 1" (25mm) H x 1.30" (33mm) D Surface mount size: 5.90" (150mm) L x 1.70" (43mm) H x 1.10" (28mm) D
Warranty:	10-year warranty

*Certifications may vary based on color and combinations



ION Universal Mount



ION Surface Mount

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.



ION® Series Lightheads

MODELS

SOLO™

Universal Mount	
ION*	Amber, Blue, Green, Red or White
ION#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Clear Lens
XON*	Amber, Blue, Green, Red or White, Smoked Lens
XON#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

Surface Mount	
IONSM*	Amber, Blue, Red or White
IONSM#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Clear Lens
XONSM*	Amber, Blue, Green, Red or White, Smoked Lens
XONSM#	Split Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

Wide-Angle Universal Mount	
WION*	Amber, Blue, Green, Red or White
WION#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Clear Lens
WXON*	Amber, Blue, Red or White, Smoked Lens
WXON#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

Wide-Angle Surface Mount	
WIONSM*	Amber, Blue, Green, Red or White
WIONSM#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Clear Lens
WXONSM*	Amber, Blue, Red or White, Smoked Lens
WXONSM#	Split, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

DUO™

DUO™ Universal Mount	
I2#	Red/White, Blue/White, Amber/White, Red/Blue, with Blue/Amber, Red/Green, Amber/Green, Green/White, Amber/Red Only, Individual Control of each Color
XI2#	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

DUO Surface Mount	
I2SM#	Red/White, Blue/White, Amber/White, Green/White, Red/Blue, Red/Amber or Blue/Amber Only
XI2SM#	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber Only, Smoked Lens

TRIO™

TRIO™ Universal Mount	
I3#*	Red/Blue/Amber, Red/Blue/White, Red/Amber/White or Blue/Amber/White
XI3#*	Red/Blue/Amber, Red/Blue/White, Red/Amber/White, Red/Amber/Green, Blue/Amber/White or Green/Amber/White, Smoked Lens

TRIO Surface Mount	
I3SM#*	Red/Blue/White, Red/Blue/Amber, Red/Amber/White, Blue/Amber/White or Green/Amber/White
XI3SM#*	Red/Blue/White, Red/Blue/Amber, Red/Amber/White, Blue/Amber/White or Red/Amber/Green, Smoked Lens



Replace symbol * in model number with letter indicating color desired: A = Amber, B = Blue, C = White, G = Green, R = Red
Replace # symbol in model number with letter indicating split color 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, P = Amber/Green
Replace #* symbol in model number with letter indicating TRIO colors desired:
JA = Red/Blue/Amber, JC = Red/Blue/White, KC = Red/Amber/White, KG = Red/Amber/Green, MC = Blue/Amber/White, PC = Green/Amber/White
For White or Chrome housings, contact factory.

OPTIONS

IONK1B	Optional Swivel Mount Bracket, Black
IONGROM	Grommet Mount Kit
IONPEDB	Pedestal Mount Kit, Black
IONBKT1	Optional Universal License Plate Bracket for 2 ION Lightheads, Horizontal Mount. Not for Use with Surface Mount ION Models
IONBKT5	Universal Mount, Reversed, allows access to mounting screws without removing the light
IONBKT8	Optional Rear Hatch Brackets (pair) for 2020-2024 Ford Police Interceptor Utility, Requires Two ION Series Lightheads Purchased Separately
IONBKT9	Optional Grille Mount Bracket (pair) 2021-2024 Chevrolet Tahoe PPV, Requires two ION Series Lightheads, Purchased Separately



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