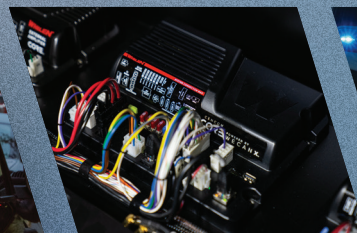# LAW ENFORCEMENT

PROFESSIONAL WARNING AND LIGHTING

A comprehensive guide to Whelen's warning and lighting products

WHELEN ENGINEERING COMPANY, INC.

WHELEN®

MANUFACTURED IN AMERICA

TABLE OF CONTENTS

Learning Management System

Make the most of your Whelen products and technologies with our Learning Management System. Access product training courses, track progress, store certifications online, and more. Visit **Whelen.com/Whelen-learning** for more information.

SCAN QR CODES FOR ADDITIONAL INFO AND RESOURCES

Whelen Website

Explore our full range of emergency lighting and warning products, access literature, read our blog, stay updated on upcoming tradeshows, and much more – it's all on **whelen.com**.

Software Downloads

Everything you need to program and test your Whelen product configurations, including WeCad™, Whelen Command®, and Pioneer™ Designer is available at **Whelen.com/software-downloads**.

Simulate™

See and hear your Whelen Command WeCanX® configurations before transferring them to your vehicle. Simulate saves time and streamlines programming. Visit **simulate.whelen.com** to learn more.

Motorcycle Products

Explore our line of emergency warning and lighting products for law enforcement motorcycles.

To run toward danger when everyone else is running away, you must have trust in the team that runs alongside you and in the companies that provide the critical tools you use to stay safe. We're proud to have earned your trust as the leading manufacturer of the products you rely on to perform wherever and whenever you need them most. Our longstanding commitment to excellence and innovation is the foundation of our legacy, and since 1952, we've proudly designed and manufactured our products right here in America.

We're driven by our mission to protect you as you protect and serve your community.

And we're with you all the way, no matter where you're called to.

Clearing the way.

Securing the scene.

Sending you home safe night after night to the ones you love.

We never left, and we're here to stay.

WHELEN®
ENGINEERING COMPANY INC.

WHELEN CLOUD PLATFORM®

GET ALL THESE FEATURES AND MORE

Digital Alerts: Send advance-warning alerts to notify motorists when emergency vehicles are approaching or stopped ahead. Real-time alerts improve motorists' situational awareness and reduce the likelihood of collisions by up to 90%.

Responder-to-Responder Alerts: Help prevent intersection collisions by automatically notifying other emergency vehicles in active response mode when approaching the same intersection.

Maintenance: Easily keep track of important vehicle data like service schedules, mileage, and engine hours enabling fleet managers to make informed decisions on repairs.

Geofence Controlled Tech: Utilize set geographic boundaries to trigger automated functions that can help keep first responders and motorists safe. Program lights and tones to change automatically as a vehicle approaches an intersection until it reaches a safe location.

Traffic Preemption: Mitigate risk and expedite emergency response times by automatically clearing intersections, reducing the likelihood of collisions, creating faster response times, and ensuring officers reach their destinations safely.

VEHICLE SAFETY GATEWAY®(VSG®)
The VSG communicates to the Whelen Cloud using its own SIM card and a separate, low-profile antenna. Verizon frontline support available for qualifying users.
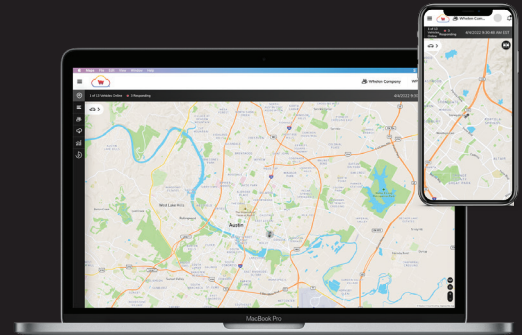
SPECS
• GPS location (integrated within the cellular modem)
• CenCom Core® system inputs (via ethernet)
• 8 logic inputs
• 1 CANport™
• 7.1" L x 4.6" W x 1.1" D

4

WHELEN
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THE NEW STANDARD IN EMERGENCY SCENE SAFETY

The Whelen Cloud Platform® is a state-of-the-art, cloud-based vehicle communication system enhancing first responder safety and efficiency. With seamless connectivity between fleet vehicles and across agencies via cellular networks, our platform offers real-time digital alerts, geofence-controlled technology, and traffic preemption to ensure faster, safer responses. Effortlessly manage vehicle configurations and firmware updates over-the-air, and accurately pinpoint vehicle locations for coordinated operations. All data is securely accessible anytime, anywhere, allowing for optimal fleet organization and enhanced safety at roadside scenes.

Easily manage and track fleet vehicle data from your computer, smartphone, or tablet.

We're Always Adding New Features!
Visit whelen.com/cloud to learn more.

ANTENNA SPECS
- Aerodynamic design (exterior)
- Low-loss, high-quality cables from the antenna to the VSG® provide a strong signal
- IP67 rated (exterior)
- Exterior antenna: 7.08" L x 2.76" W x 2.41" D
- Interior antenna: 7.01" L x 2.36" W x 0.75" D

WHELEN
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5

CENCOM CORE®

INTELLIGENT CONTROL SYSTEMS

Efficiency meets precision with our Intelligent Control Systems.

Seamlessly manage your fleet's warning lights and sirens with our advanced technology to ensure swift response times and enhanced safety on the road.

FEATURES

Digital Voice Messages (DVM)

•Configure consistent messaging across your fleet.

Dynamic Variable Intensity™ (DVI™)

•Gradually increase and decrease warning light intensity.

Vehicle-To-Vehicle (V2V) Sync

•Automatically synchronize lights and tones on vehicles within any proximity to aid approaching motorists.

SEAMLESS INTEGRATION

WeCanX®

•Synchronize your entire system with greater speed, peripheral add-ons, and full diagnostic support.

Whelen Cloud Platform®

•Send and receive data using cellular networks to manage your fleet with our cloud-based vehicle platform.

Whelen Command®

•Process hundreds of virtual inputs and receive updates and new releases on your products.

CenCom Core®

10YR · 12 · 100 · 200 · DIAG · DVI ENABLED · STEADY-LOCK · WECANX · CENCOM CORE

Created to enhance first responder safety, CenCom Core redefined control systems by providing the greatest configurability, speed, and expansion yet. Built to scale with your needs, Core® is highly configurable and offers advanced automation, remote connectivity, and true system synchronization.

FEATURES

•Supports any combination of up to 99 WeCanX devices
•Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
•17 total inputs
•23 total outputs

C399

10.07" (256mm)

7.63" (194mm)

2.35" (60mm)

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⚠ 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.

Core-S®
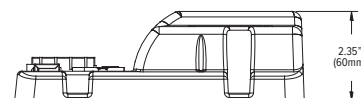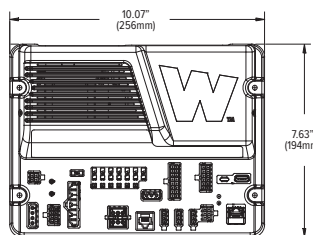
10YR **10-30** **100** **200** **DIAG** **DVI** ENABLED **STEADY-LOCK** **WECAN X** **CORE-S.**

The newest addition to Whelen's industry-leading Core® family of control systems, Core-S is a true one-box solution. Its space-saving design allows for installation in tight spaces like in a console or under a dash. And installation has never been easier with connector placement specifically designed for hard-to-reach areas. Core-S features a siren, input/output, and control functionality in one compact box along with an integrated control head.
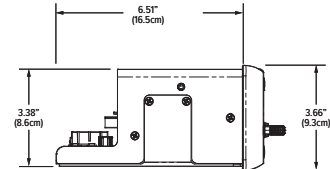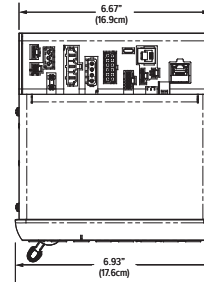
C399S6H

FEATURES
- Remote firmware updates through USB-C with Whelen Command® or over-the-air with Whelen Cloud Platform®
- 11 total inputs
- 16 total outputs

6.67"
(16.9cm)

6.51"
(16.5cm)

3.38"
(8.6cm)

3.66"
(9.3cm)

6.93"
(17.6cm)

Core-R®

10YR **12** **DVI** ENABLED **STEADY-LOCK** **WECAN X** **CORE-R.**

Core-R is a vehicle control system engineered to enhance first responder and motorist safety with complete configurability, advanced automation, and remote connectivity.

C399R

FEATURES
- Supports any combination of up to 99 WeCanX® devices
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform
- 8 total inputs

5.76"
(146mm)

5.46"
(139mm)

1.11"
(28mm)

Core-C®
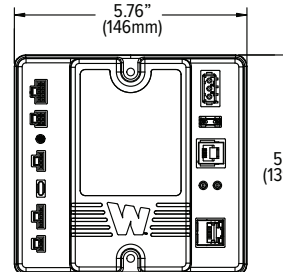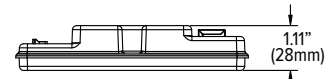
10YR **10-30** **DIAG** **DVI** ENABLED **STEADY-LOCK** **WECAN X** **CORE-C.**

Core-C is a sophisticated warning light system for vehicles with limited space. Delivering enhanced WeCanX safety features with plug-and-play ease of installation, it combines the intelligence of a WeCanX controller with the functionality of a control head in one compact package.

CCP9

FEATURES
- Supports primary WeCanX devices
- Supports one Remote Expansion Module
- Remote firmware updates through USB-C with Whelen Command
- 1 ignition power-up input
- 1 output
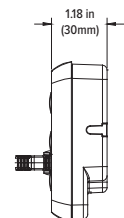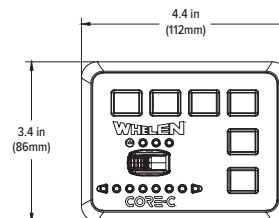
4.4 in
(112mm)

1.18 in
(30mm)

3.4 in
(86mm)

⚠ 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.

WHELEN®
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WeCanX® CONTROL HEADS

Ergonomically designed for situational awareness, WeCanX control heads are completely configurable. Models support flashing indicator LEDs and can also run system diagnostics. The passthrough WeCanX connection on the back of the control heads contributes to less wiring and an easier install.

CCTL5
- Handheld 5-position
- 9 push-buttons

CCTL6
- 4-position slide switch
- 13 push-buttons
- 7-position rotary knob
- 3 Traffic Advisor™ switches
- Microphone with extension cable

CCTL7
- 4-position slide switch
- 21 push-buttons
- Microphone with extension cable

CCTL8
- 4-position slide switch
- 6 push-buttons
- Microphone

CCTL9
- 6 push-buttons
- 7-position rotary switch
- Microphone with extension cable

CCTL10
- 22 push-buttons
- Microphone with extension cable

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CenCom Core® Specs

CENCOM
CORE®

CORE-S.®

CORE-R.®

CORE-C.®

	CORE	**CORE-S**	**CORE-R**	**CORE-C**
Dimensions	7.63" H x 10.07" W x 2.35" D	3.66" H x 6.93" W x 6.51" D	5.76" H x 5.46" W x 1.11" D	3.4" H x 4.4" W x 1.18" D
Software	Whelen Command®			
Hardware Support	Up to 99 WeCanX® Devices			WeCanX Legacy®, Liberty™ II, and Freedom® IV Lightbars, Inner Edge® FST™, RST™, and XLP Remote 8 or 16 Output Expansion Module V2V Sync Module
Inputs	12 Logic Inputs 4 Analog Inputs 1 Ignition Power-Up Input 17 Total Inputs	6 Digital Inputs 4 Analog Inputs 1 Ignition Power-Up Input 11 Total Inputs	3 Digital 4 Analog 1 Ignition Power-Up Input 8 Total Inputs	1 Ignition Power-Up Input
Outputs	2 15A Outputs 4 10A Outputs 16 2A Outputs 1 Dry Contact Relay 23 Total Outputs Flashing Outputs Every Output Across System Can Be Synchronized	2 15A Outputs 2 10A Outputs 12 2A Outputs 1 Dry Contact Relay 17 Total Outputs Flashing Outputs Every Output Across System Can Be Synchronized	1 Dry Contact Relay	1 5A Output
Connections	1 VSG Connection 1 Wecanx Connection CANport™ 1 USB-A Host 1 USB-C Supports Up to 99 Remote Modules	1 VSG Connection 1 Wecanx Connection CANport 1 USB-C Supports Up to 99 Remote Modules	1 VSG Connection 1 Wecanx Connection CANport 1 USB-C Supports Up to 99 Remote Modules	1 WeCanX Connection 1 USB-C
Sensors	Battery Voltage Sensor			
DVI™ Patterns and Tones	Gradually Increase or Decrease the Output Intensity within a Flash Pattern or Tone			Gradually Increase or Decrease the Output Intensity within a Flash Pattern
Tone Sync	Sync Amplifiers and Speakers Together, Sync Tones with Lights (Patent-Pending)	-	Sync Amplifiers and Speakers Together, Sync Tones with Lights (Patent-Pending)	-
WeCanX Control Heads	CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11	Integrated Control Head Options (CCTL6, CCTL7) Remote Control Head Options (CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11)	CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11	-
Diagnostics	Has Diagnostic Indicator			
Certifications	Meets All Applicable SAE And California Title 13 Requirements with Various Whelen Speakers			-
Warranty	10-Year Warranty			

⚠ 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.

CenCom Core® Models

WECANX® CONTROL SYSTEMS

C399	Core® 200-Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANport™ Signals, and Controls up to 99 Devices/Remote Modules, Control Heads Purchased Separately
C399R	Core-R® Control Module, Includes 8 Digital Inputs, 3 CANport Signals and Controls up to 99 Device/Remote Modules, Control Head and Other Optional Modules Purchased Separately, 10-30 VDC
C399S	Core-S® 200-Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANport Signals and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately, 12 VDC
C399SH	Core-S 100-Watt Amplifier Control Module with 100-Watt Howler™, Flashing Outputs, Includes 3 CANport Signals and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately, **Single Howler Mounting Bracket (HSB#) Purchased Separately***, 12 VDC
C399S6	Core-S Single Unit 200-Watt Siren with Integrated 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor™ Switches and Microphone with Extension Cable
C399S6H	Core-S Single Unit 100-Watt Siren and 100-Watt Howler with Integrated 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor Switches and Microphone with Extension Cable, **Single Howler Mounting Bracket (HSB#) Purchased Separately***, 12VDC
C399S7	Core-S Single Unit 200-Watt Siren with Integrated 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
C399S7H	Core-S Single Unit 100-Watt Siren and 100-Watt Howler with Integrated 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable, **Single Howler Mounting Bracket (HSB#) Purchased Separately***, 12VDC
CCP9	Core-C® Control Point and Switch Combination with 4-Position Slide Switch and 6 Push Buttons Plus One 5 amp Output for Auxiliary Lighting, LED TA Indicator, V2V Sync Capable, 10-30 VDC
CCPKT	Core Control Point for Use with WeCanX Devices when NOT Using CenCom Core (For Use when not Purchasing a Lightbar)
C399S24	200 Watt Amplifier Control Module, Flashing Outputs, Includes 3 CAN Ports and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately. 24 VDC

*for HSB# models see Howler page 59

WECANX CONTROL HEADS

CCTL5	Includes Handheld Combination Microphone and Controller, 5-Position Progressive Light/Siren Control, 9 Push-Buttons and a Microphone Extension Cable
CCTL6	Includes 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor Switches and Microphone with Extension Cable
CCTL7	Includes 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
CCTL8	Includes 6 Push-Buttons and a 4-Position Slide Switch, Includes Microphone
CCTL8LM	Includes 6 Push-Buttons and a 4-Position Slide Switch (Microphone Not Included)
CCTL9	Includes 2-Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, Microphone and Microphone Extension Cable
CCTL9LM	Includes 2-Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, (No Microphone or Microphone Extension Cable)
CCTL10	Includes 3-Section Control Head and 21 Push-Buttons, 1 Master Push-Button, Microphone with Extension Cable
CCTLHARN	CenCom Core Control Head Harness Kit, for Use with any Non-Primary Control Head Excluding the CCTL5, Control Heads Purchased Separately

*for more models see Howler page 59

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OBDII CANPORT™ INSTALLATION KITS FOR CORE®

C399RD1	Control Module, Includes 8 Digital Inputs, 1 WeCanX® Port and Controls up to 99 Device/Remote Modules, and One CEM16 Module Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately, 12 VDC
C399RD2	Control Module, Includes 8 Digital Inputs, 1 WeCanX Port and Controls up to 99 Device/Remote Modules, and Two CEM16 Modules Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately, 12 VDC
C399K1	OBDII CANport™ Installation Kit for C399 for 2016-2019 Ford Interceptor Utility, 2020-2022 Ford Interceptor Utility used with Factory Option 61B, 2016-2020 Ford F-150, 2018-2022 Ford F-250/350, 2018-2019 Ford F-450/550, 2018-2019 Expedition and Transit 150/250/350, 2017-2019 Ford Fusion (All Models), 2020 Ford Fusion Hybrid and 2016-2017 Dodge Charger (Not for Use with Core-R® and C399S)
C399K2	OBDII CANport Installation Kit for C399 for 2017-2020 Chevy Tahoe, 2017-2018 Chevy Silverado 1500, 2019-2021 Chevy Silverado 1500 (Body Style), 2019-2021 Chevy Colorado 1500, 2018-2020 Chevy Suburban (Not for Use with Core-R and C399S)
C399K3	OBDII CANport Installation Kit for C399 for 2018-2020 Dodge Ram Classic 1500, 2019-2024 Dodge Ram 1500, 2021-2023 Dodge Ram 2500/3500, 2018-2022 Dodge Charger and 2018-2024 Dodge Durango (Not for Use with Core-R and C399S)
C399K4	2020-2021 Ford Interceptor Utility Gateway Installation Kit for C399, for use WITHOUT Ford 61B Factory Option (Not for Use with Core-R and C399S)
C399K5	2020-2021 Ford Expedition, 2020-2022 Ford F-250/F-350/F-450/F-550/F-600 Super Duty and 2020-2021 Ford Transit Gateway Installation Kit for C399 (Not for Use with Core-R and C399S)
C399K6	2021-2022 Chevy Tahoe and 2021-2022 Chevy Suburban Installation Kit for C399 (Not for Use with Core-R and C399S)
C399K7	2021-2023 Ford F-150, 2022-2023 Ford F-150 Lightning, 2020-2024 Ford Interceptor Utility, 2022-2023 Ford Escape, 2022-2023 Ford Expedition and 2021-2023 Ford Mustang Mach-E, Ford Ranger 2022-2023 Installation Kit for C399 (Not for Use with Core-R and C399S)
C399K8	2021-2022 Tesla Model Y Installation Kit (Not for Use with Core-R and C399S)
C399K9	2022-2024 Chevy Silverado HD 2500-3500 (Not for Use with Core-R and C399S)
C399SP	SCANport™ Installation Kit for C399, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core-R and Core-S®)

OBDII CANPORT INSTALLATION KITS FOR CORE-R® AND CORE-S®

C399RK1	OBDII CANport Installation Kit for C399R and C399S Only, for 2016-2019 Ford Interceptor Utility, 2020-2022 Ford Interceptor Utility Used with Factory Option 61B, 2016-2020 Ford F-150 PPV, 2018-2022 Ford F-250/350, 2018-2019 Ford F-450/550, 2018-2019 Ford Expedition and Ford Transit 150/250/350, 2017-2019 Ford Fusion (All Models), 2020 Ford Fusion Hybrid and 2016-2017 Dodge Charger
C399RK2	OBDII CANport Installation Kit for C399R Only, for 2017-2020 Chevy Tahoe, 2017-2018 Chevy Silverado 1500, 2019-2022 Chevy Silverado 1500 (Body Style), 2017-2019 Chevy Silverado 2500/3500, 2019-2021 Chevy Colorado 1500 and 2018-2020 Chevy Suburban
C399RK3	OBDII CANport Installation Kit for C399R and C399S Only, for 2018-2020 Dodge Ram Classic 1500, 2019-2024 Dodge Ram 1500, 2021-2023 Dodge Ram 2500/3500, 2018-2022 Dodge Charger and 2018-2024 Dodge Durango
C399RK4	Installation Kit for C399R and C399S Only, for 2020 Ford Interceptor Utility Gateway, for Use WITHOUT Ford 61B Factory Option
C399RK5	Installation Kit for C399R and C399S Only, for 2020-2021 Ford Expedition, 2020-2022 Ford F-250/F-350/F-450/F550/F-600 Super Duty, 2020-2021 Ford Transit Gateway, and 2024 Ford E-Series
C399RK6	Installation Kit for C399R and C399S Only, for 2021-2022 Chevy Tahoe and 2021-2022 Chevy Suburban
C399RK7	Installation Kit for C399R and C399S Only, for 2021-2023 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning, 2020-2024 Ford Interceptor Utility, 2022-2023 Ford Escape, 2022-2023 Ford Expedition and 2021-2023 Ford Mustang Mach-E, 2022-2023 Ford Ranger
C399RK8	Installation Kit for C399R and C399S Only, for 2021-2022 Tesla Model Y
C399RK9	Installation Kit for C399R and C399S Only, for 2022-2024 Chevy Silverado HD 2500-3500
C399RSP	SCANport Installation Kit for C399R and C399S, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core C399)

Note: Core-S utilizes the Core-R OBDII Cable. Please make sure that you use the C399RK when specifying Core-S. The C399K* will not work as it uses a different connector.*

SYSTEM EXPANSIONS

CEM8	8 Output, 4 Input WeCanX Expansion Module
CEM16	16 Output, 4 Input WeCanX Expansion Module
CEM16D	16 Output, 4 Input WeCanX Expansion Module, 10-30 VDC
CEM4HC	WeCanX High Current Remote Expansion Module, 4-15 Amp Output
CTA	WeCanX Traffic Advisor™ Remote Module, Traffic Advisor Purchased Separately
CEXAMP	WeCanX External Amplifier
CV2V	Vehicle-to-Vehicle Sync Module, Includes Internal Antenna

LIGHTBARS

Our industry-leading lightbars are designed for maximum visibility and reliability, commanding attention, and ensuring your presence is unmistakable in any situation, day or night.

Legacy® Series

| 2YR | 5YR | 10YR | 12 | CIA 447 | DIAG | SAE CLASS 1 | HARD COAT | CRUISE | WeCan | WECAN X | SOLO™ DUO™ TRIO™ PROCLERA® |

Download WeCad™ for models and options

FEATURES

- Available in SOLO™, DUO™, or TRIO™
- Advanced Thermal Design reduces stress on LEDs during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with liquid injection molded seals protect internal components from water infiltration
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions

- Proclera® Optic Technology features 100% silicone internal optics (available in Take-Down lights)
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear or Smoked lenses available
- WeCanX® Control Point purchased separately when not used with CenCom Core®
- Midnight Edition upgrade to Smoked and Black ensemble available (see options)

DIMENSIONS

"L" (Refer to Size Chart)   1.6" (41mm)   11.3" (287mm)   3.3" (84mm)

"L" Size Chart

| 44" (112cm) | 48" (123cm) | 54" (136cm) |

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⚠ 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.
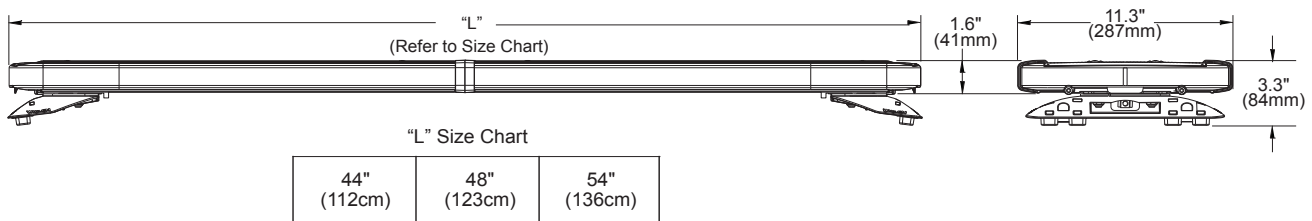
44”	48”	54”	Description
GS4****	GS8****	GS2****	Legacy® SOLO™ GS WeCan® Series Lightbars, Single-Color, Amber, Blue, Red or White
GB4****	GB8****	GB2****	Legacy GB WeCan DUO™ Color Series Super-LED®, Includes Four Extra High-Intensity Corner Linear-LED® Models with Independent Control of the Two Colors of Each Lighthead, Single-Color, Amber, Blue, Red and/or White
GB4####	GB8####	GB2####	Legacy GB WeCan DUO Color Series Super-LED, Includes Four Extra High-Intensity Corner Linear-LED Modules with Independent Control of the Two Colors of Each Lighthead, Two-Color, Amber, Blue, Red and/or White
ES4****	ES8****	EB4****	Legacy SOLO™ ES WeCanX® Series Lightbars, Single-Color, Amber, Blue, Red or White
EB4****	EB8****	EB2****	Legacy EB WeCanX DUO Color Series Super-LED, Includes Four Extra High-Intensity Corner Linear-LED® Modules with Independent Control of the Two Colors of Each Lighthead, Single-Color, Amber, Blue, Red and/or White
EB4####	EB8####	EB2####	Legacy EB WeCanX DUO Color Series Super-LED, Includes Four Extra High-Intensity Corner Linear-LED Modules with Independent Control of the Two Colors of Each Lighthead, Two-Color, Amber, Blue, Red and/or White
E34±±±±	E38±±±±	E32±±±±	Legacy WeCanX TRIO™ Series Super-LED Lightbars (Replaces the Pre-Configured Models) Includes Four Corner TRIO Modules (For Mounting Options, See Optional Mounting Kits)

Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color 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 numeral indicating TRIO Color desired: 1 = Red/Blue/White, 2 = Red/Blue/Amber, 3 = Red/White/Amber, 4 = Blue/White/Amber,

OPTIONS

44”	48”	54”	Description
-	ES8ME	ES2ME	Legacy Midnight Edition Package, Upgrade to Smoked Lenses, Divider and Black Tops
-	ES8MEK	ES2MEK	Legacy Midnight Edition Package, Upgrade to Smoked Lenses, Dividers and Black Tops
-	LT8END*	LT2END*	Legacy Lightbar Color Aluminum Top, End, Available in Black, Blue, or Red
-	-	LT2CNT*	Legacy Lightbar Color Aluminum Top, Center, Available in Black, Blue, or Red
-	ESX8END	ESX2END	Legacy Lightbar Black Aluminum Top, End, with Smoked Lens
-	CLBV2V		Vehicle-to-Vehicle Sync Module with Internal Antenna, Mounted Inside WeCanX Lightbars Only
GB2ENDX	GB8ENDX	GB2ENDX	Smoked End Dome
-	-	GBCNTX	Smoked Center Dome
EBBTTMK		EBBTTMK2	Two Super-LED TRIO Warning Modules with Brake/Tail/Turn Feature, One Blue/Red/Amber and One Red/Red/Amber, For EB WeCanX Series Only
EBBTTMM		EBBTTMM2	Two Super-LED TRIO Warning Modules with Brake/Tail/Turn Feature, Two Blue/Red/Amber, For EB WeCanX Series Only
GBTL			Two Long Super-LED Take-Down Lights
GBTS			Two Short Super-LED Take-Down Lights
GSTL*			One Super-LED DUO Warning/Traffic Advisor™ Long Lighthead, Warning Available in Blue, Red or White
GSTS*			One Super-LED DUO Warning/Traffic Advisor Short Lighthead, Warning Available in Blue, Red or White

For colored tops, replace * with the colored top of your choice: B = Blue, R = Red, X = Black. For colored lightheads, replace * with B = Blue, C = White, R = Red

NOTE: Not all Options available for all Models. Design your lightbar using WeCad™ Lightbar designer. Model numbers ending in "E" are for new lightbar purchases only. When you select this option, your new lightbar will arrive as a Midnight Edition, with Smoked lenses, dividers, and Black tops already in place. Model numbers ending in "K" are for upgrading existing lightbars. When you select this option, you will receive Smoked lenses, dividers, Black tops, top screws and end cap screws ONLY, to swap out the lenses, dividers, and tops on your existing lightbar

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Liberty™ II Series

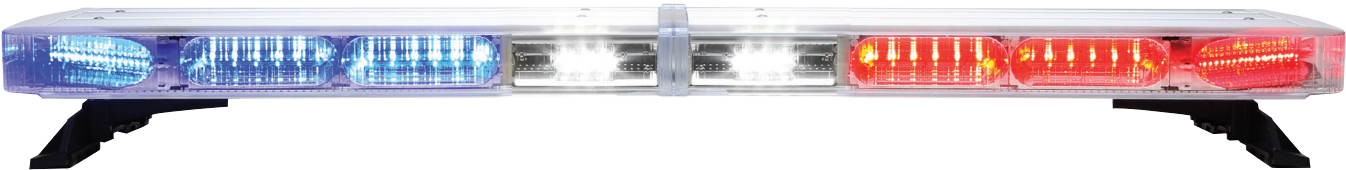2YR 5YR 10YR ⚡12 TITLE13 LC SC SAE CLASS 1 HARD COAT ≡/// CRUISE ⚙ X ¦SOLO™ ¦DUO™ ¦TRIO™ PROCLERA® ProFocus™
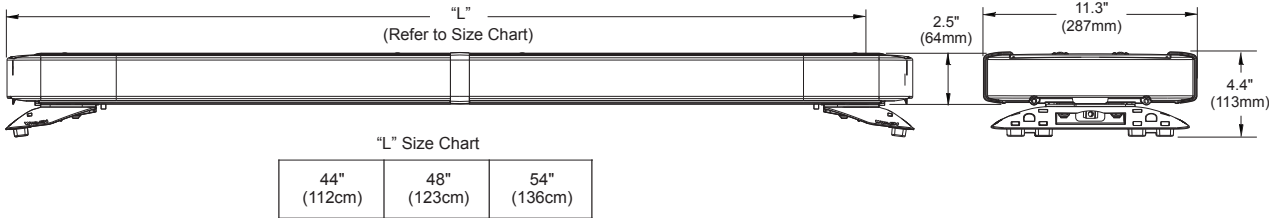
🔴 Download WeCad™ for models and options

FEATURES

- Advanced Thermal Design reduces stress on LEDs during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with liquid injection molded seals protect internal components from water infiltration
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Optic Technology features 100% silicone internal optics (available in Take-Down lights)

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear, Color, or Smoked lenses available
- Standard or low-profile mounting feet available
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low-power mode
- WeCanX® Control Point purchased separately when not used with CenCom Core®
- Midnight Edition upgrade to Smoked and Black ensemble available (see options)

DIMENSIONS

"L" (Refer to Size Chart)

2.5" (64mm)

11.3" (287mm)

4.4" (113mm)

"L" Size Chart

| 44" (112cm) | 48" (123cm) | 54" (136cm) |

44"	48"	54"	Description
BB4****	BB8****	BB2****	Liberty™ II, DUO™ BB & BJ WeCanX Series, Four High-Intensity Corner Modules, with Independent Color Control of Each Lighthead. Photocell Included, Single-Color, Amber, Blue, Red or White with Center Section for 795H, Strobe or Center LED Warning
-	BJ8****	BJ2****	Liberty II, DUO BB & BJ WeCanX Series, Four High-Intensity Corner Modules, with Independent Color Control of Each Lighthead. Photocell Included, Single-Color, Amber, Blue, Red or White with Center Section for 795H, Strobe or Center LED Warning
-	BJ8####	BJ2####	Liberty II, DUO BB & BJ WeCanX Series, Four High-Intensity Corner Modules, with Independent Color Control of Each Lighthead. Photocell Included, DUO Color, Amber, Blue, Red and/or White, With Center Section For 795H, Strobe or Center LED Warning
BB4####	BB8####	BB2####	Liberty II, DUO BB & BJ WeCanX Series, Four High-Intensity Corner Modules, with Independent Color Control of Each Lighthead. Photocell Included, DUO Color, Amber, Blue, Red and/or White, With Center Section For 795H, Strobe or Center LED Warning
IX4****	IX8****	IX2****	Liberty II, SOLO™ IX Low Current Series, Four Single Color Corner Modules. For Use with Single-Color Inboard Lighthead Options Only. Single-Color, Amber, Blue, Red or White
IW4****	IW8****	IW2****	Liberty II, SOLO IW WeCan® Series, Four Single Corner Modules, with Independent Control of Each Lighthead. Photocell Included, for Use with Single-Color Inboard Lighthead Options Only, Except for a DUO+™ Rear Traffic Advisor™, Single-Color, Amber, Blue, Red or White

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44"	48"	54"	Description
BW4****	BW8****	BW2****	Liberty™ II, SOLO™ BW & BH WeCanX® Series, Four Single Corner Modules, with Independent Control of Each Lighthead. Photocell Included, for Use with Single-Color Inboard Lighthead Options Only, Except for a DUO™ Rear Traffic Advisor™, Single-Color, Amber, Blue, Red or White
-	BH8****	BH2****	Liberty II, SOLO BW & BH WeCanX Series, Four Single Corner Modules, with Independent Control of Each Lighthead. Photocell Included, for Use with Single-Color Inboard Lighthead Options Only, Except for a DUO Rear Traffic Advisor, Single-Color, Amber, Blue, Red or White with Center Section for 795H, Strobe or Center LED Warning
IB4****	IB8****	IB2****	Liberty II DUO IB WeCanX Series, Single-Color, Amber, Blue, Red or White
IB4####	IB8####	IB2####	Liberty II DUO IB WeCanX Series, DUO, Amber, Blue, Red and/or White
B34±±±±	B38±±±±	B32±±±±	Liberty II WeCanX TRIO™ Series Super-LED® Lightbars (Replaces the Pre-Configured Models) Includes Four Corner TRIO Modules, (For Mounting Options, See Optional Mounting Kits)
-	BH38±±±±	BH32±±±±	Liberty II WeCanX® TRIO™ Series Super-LED® Lightbars (Replaces the Pre-Configured Models) Includes Four Corner TRIO Modules, (For Mounting Options, See Optional Mounting Kits), with Center Section for 795H, Strobe or Center LED Warning

Consult current price list for full list of available options at whelen.com/literature

Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color 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 numeral indicating TRIO Color desired: 1 = Red/Blue/White, 2 = Red/Blue/Amber, 3 = Red/White/Amber, 4 = Blue/White/Amber

OPTIONS

44"	48"	54"	Description
-	BW8ME	BW2ME	Liberty II Midnight Edition Package, Upgrade to Smoked Lenses, Divider and Black Tops
-	BJ8ME	BJ2ME	Liberty II with Center Section, Midnight Edition Package, Upgrade to Smoked Lenses, Dividers and Black Tops
-	BW8MEK	BW2MEK	Liberty II Midnight Edition Package, Upgrade to Smoked Lenses, Divider and Black Tops
-	BJ8MEK	BJ2MEK	Liberty II with Center Section, Midnight Edition Package, Upgrade to Smoked Lenses, Dividers and Black Tops
-	LT8END*		Liberty II Lightbar Color Aluminum Top, End
-	LT8SEND*	LT2END*	Liberty II Lightbar with Center Section Color Aluminum Top, End
-	LT8CNT*	LT8CNT*	Liberty II Center Option Lightbar Color Aluminum Top, Center
-	-	LT2CNT*	Liberty II Lightbar Color Aluminum Top, Center
-	BWX8END		Liberty II Lightbar with Smoked Lens Black Aluminum Top, End
-	BW8SEND	BWX2END	Liberty II Lightbar with Center Section with Smoked Lens Black Aluminum Top, End
CLBV2V			Vehicle-to-Vehicle Sync Module with Internal Antenna, Mounted Inside WeCanX Lightbars Only
ITSSF2			Liberty II Two Short SmartFocus™ LED Advanced Placement Take-Down Lights, Programmable Narrow Spot and Flood Beams, for Use with WeCanX® Lighbars only

For colored tops, replace * with the colored top of your choice: B = Blue, R = Red, X = Black. For colored lightheads, replace * with B = Blue, C = White, R = Red

NOTE: Not all Options available for all Models. Design your lightbar using WeCad™ Lightbar designer. Model numbers ending in "E" are for new lightbar purchases only. When you select this option, your new lightbar will arrive as a Midnight Edition, with Smoked lenses, dividers, and Black tops already in place. Model numbers ending in "K" are for upgrading existing lightbars. When you select this option, you will receive Smoked lenses, dividers, Black tops, top screws and end cap screws ONLY, to swap out the lenses, dividers, and tops on your existing lightbar

Blue Aluminum Top

Black Aluminum Top

Red Aluminum Top

Freedom® IV DUO™ and DYAD™ Series

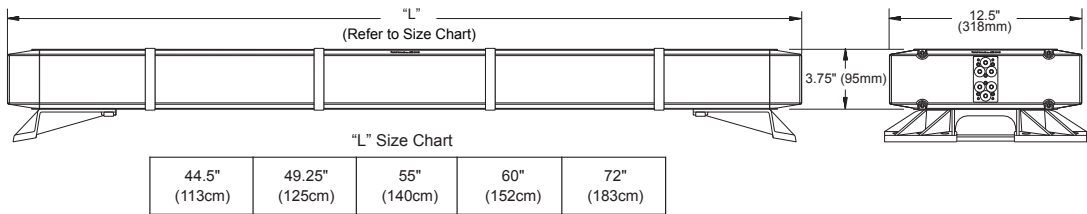2YR 5YR 10YR 12 24 TITLE 13 LC SAE CLASS 1 HARD COAT SCAN LOCK™ DVI ENABLED WeCan® X |SOLO™ ¦DUO™

Download WeCad™ for models and options

FEATURES

- Linear Super-LED® optics
- WeCan® DYAD™ two-level technology allows for individual control of each level of each lighthead
- WeCan DUO™ technology allows for individual control of each color and each lighthead, while providing a large aspect ratio of warning and illumination
- Advanced Thermal Design reduces stress on LEDs during extended operation
- Clear outer domes with Clear dividers
- Extruded aluminum platform
- Dynamic Variable Intensity™ (DVI™)

- 100% solid-state electronics
- 16' exit cable (25' exit cable for 72" length bars) included
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear, Color, or Smoked lenses available
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low-power mode
- WeCanX® Control Point purchased separately when not used with CenCom Core®

DIMENSIONS

"L" (Refer to Size Chart)

12.5" (318mm)

3.75" (95mm)

"L" Size Chart

44.5" (113cm)	49.25" (125cm)	55" (140cm)	60" (152cm)	72" (183cm)

44.5"	49.25"	55"	60"	72"	Description
F4X4****	F4X8****	F4X2****	F4X0****	F4X7****	Freedom IV F4X Low Current Series Super-LED Lightbars, Includes Four Corner Linear-LED Modules, Four Amber, Blue, Red or White Single-Color Modules
F4W4****	F4W8****	F4W2****	F4W0****	F4W7****	Freedom IV F4W WeCan Series Super-LED Lightbar, Includes Four Corner Linear-LED Modules with Independent Control of Each Level of Each Lighthead, Photocell Included, Four Amber, Blue, Red or White Single- or Two-Color Over/Under Modules
K4W4****	K4W8****	K4W2****	K4W0****	K4W7****	Freedom IV K4W WeCanX Series Super-LED Lightbar, Includes Four Corner Linear-LED Modules with Independent Control of Each Level of Each Lighthead, Photocell Included, Four Amber, Blue, Red or White Single- or Two-Color Over/Under Modules
K424####	K428####	K422####	K420####	K427####	Freedom IV K42 DUO WeCanX Series Super-LED Lightbars with Four Corner Linear-LED Modules with Independent Control of Each Level of Each Lighthead, Photocell Included, Four Amber, Blue, Red or White Single- or Two-Color Over/Under Modules
F424####	F428####	F422####	F420####	F427####	Freedom IV F42 DUO WeCan Series Super-LED Lightbars with Four Corner Linear-LED Modules with Independent Control of Each Level of Each Lighthead, Photocell Included, Four Red/White or Blue/White Two-Color Modules

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber

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For more information about
Pioneer Plus™, please visit whelen.com

Inner Edge® FST™ on page 20

Freedom® IV DUO™ (K422DEDE)

Arges® on page 46

For more
information about
M7, please visit
whelen.com

Tracer™ WeCanX®
on page 24

T-Series™ on page 30

For more information about
Pioneer Summit™ and M6,
please visit whelen.com

Edge® 9X Series

Download WeCad™ for models and options

FEATURES

- Available in two profiles
  - Short Profile: 1.86" H
  - Tall Profile: 2.71" H
- DUO™ Linear12™ LED and DUO Linear6™ LED Warning and Scene Take-Down/Alley
- Advanced Thermal Design reduces stress on LEDs during extended operation
- Molded polycarbonate Black tops provide protection from the elements
- Photocell included

- Passenger side cable exit
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Standard mounting feet
- WeCanX® Control Point purchased separately when not used with CenCom Core®

DIMENSIONS

1.86" (47mm)

11.52" (292mm)

1.86" (47mm)

9SX

2.71" (69mm)

11.52" (292mm)

2.71" (69mm)

9TX
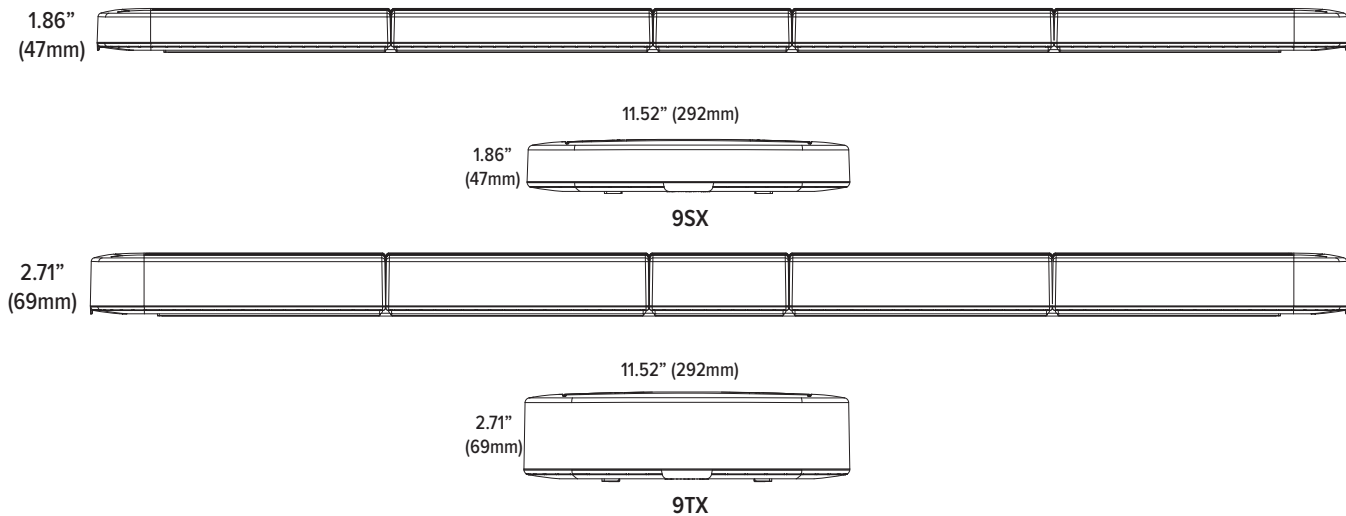
"L" Size Chart

25" (64cm)	31" (79cm)	36" (91cm)	43" (112cm)	48" (122cm)	54" (137cm)	59" (152cm)	66" (167cm)	70" (177cm)

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25"	31"	36"	43"	48"	54"	59"	66"	70"	Description
Edge® 9SX Series									
9XS5####	9XS3####	9XS6####	9XS4####	9XS8####	9XS2####	9XS0####	9XS1####	9XS7####	4 Two-Color Amber, Blue, Red and/or White
Edge 9TX Series									
9XT5####	9XT3####	9XT6####	9XT4####	9XT8####	9XT2####	9XT0####	9XT1####	9XT7####	4 Two-Color Amber, Blue, Red and/or White

Model numbers are subject to change. Please contact your Whelen sales representative for more information

Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber

OPTIONS

Model	Description
9SXDL#	One DUO™ Color Long Super-LED® Lighthead, Amber, Blue, Red and/or White
9SXDL*	One Long Super-LED Lighthead, Split-Color Primary Warning with Full-Color Secondary Warning for Center Mount on 31", 43" and 54" Lightbars Only
9SXTW*	One DUO Color Super-LED Take-Down or Alley Light, Red/White, Blue/White, Amber/White or White/White
9SXT	Super-LED Take-Down or Alley Lights, White, Pair
9TXDL#	One DUO Color Long Super-LED Lighthead, Amber, Blue, Red and/or White
9TXDL*	One Long Super-LED Lighthead, Split-Color Primary Warning with Full-Color Secondary Warning for Center Mount on 31", 43" and 54" Lightbars Only
9TXTW*	One DUO Color Super-LED Take-Down or Alley Light, Red/White, Blue/White, Amber/White or White/White
9TXT	Super-LED Take-Down or Alley Lights, White, Pair
9SXDSCBL	Driver Side Cable Exit
CCP	Core® Control Point for Use with WeCanX® Devices When NOT Using CenCom Core®
MKEL__	Adjustable Extended Length Mounting kit for Freedom, Lib II, Legacy Justice, 9X
MBEL__	Adjustable Extended Length Mounting kit for Freedom, Lib II, Legacy Justice, 9X
9SXBTTR	Two Super-LED® Brake/Tail/Turn Lights with Red Color Filters
9SXBTTC	Two Super-LED® Brake/Tail/Turn Lights with Clear Color Filters
9TXBTTR	Two Super-LED® Brake/Tail/Turn Lights with Red Color Filters
9TXBTTC	Two Super-LED® Brake/Tail/Turn Lights with Clear Color Filters
9LXBTTR	Two Super-LED® Brake/Tail/Turn Lights with Red Color Filters, 24 VDC
9LXBTTC	Two Super-LED® Brake/Tail/Turn Lights with Clear Color Filters, 24 VDC
9HXBTTR	Two Super-LED® Brake/Tail/Turn Lights with Red Color Filters, 24 VDC
9HXBTTC	Two Super-LED® Brake/Tail/Turn Lights with Clear Color Filters, 24 VDC

Consult current price list for full list of available options at whelen.com/literature

Not all Options available for all Models. Design your lightbar using WeCad™ Lightbar designer.

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

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Inner Edge® FST™ Series

`2YR` `5YR` `10YR` `12` `TITLE 13` `LC` `SAE CLASS 1` `SCAN LOCK™` `CRUISE` `WeCan` `WECAN X` **ISOLO™** **IDUO™** **ITRIO™** **PR⌾CLERA®**

Download WeCad™ for models and options

FEATURES

- WeCanX® models available
- SAE Class 1 Certified
- Upper front units mount to visor anchor points
- Low Current models are available with SOLO™ light modules
- BroadBand Blue™ available
- Passenger side only or driver/passenger combo available
- 38 Scan-Lock™ flash patterns

- Vehicle-specific housing minimizes flashback to vehicle passengers
- Proclera® Optic Technology features 100% silicone internal optics
- 17' cable included
- Refer to website for full list of models

Inner Edge® RST™ Series

`2YR` `5YR` `10YR` `12` `TITLE 13` `LC` `SAE CLASS 1` `SCAN LOCK™` `CRUISE` `WeCan` `WECAN X` **ISOLO™** **IDUO™** **ITRIO™** **PR⌾CLERA®**

Download WeCad™ for models and options

FEATURES

- WeCanX models available
- SAE Class 1 Certified
- Mounts to the rear headliner of SUVs and pickup trucks
- Low Current models are available with SOLO light modules
- Drop-in lighthead tray is universal, allowing for easy serviceability

- Lighthead tray can be repurposed to a different vehicle by obtaining an alternate housing and mounting kit
- 70 Scan-Lock flash patterns
- Refer to website for full list of models

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Inner Edge® XLP Series

`2YR` `5YR` `10YR` `12` `TITLE 13` `LC` `SAE CLASS 1` `SCAN LOCK™` `CRUISE` `WeCan` `WECAN` `X` **ISOLO™** **IDUO™**

🔴 Download WeCad™ for models and options

FEATURES

- •WeCanX® models available
- •SAE Class 1 Certified
- •Upper front units mounts to visor anchor points
- •Low Current models are available with SOLO™ light modules
- •Blue lenses default to BroadBand Blue™
- •Available as passenger side only or driver/passenger combo
- •38 Scan-Lock™ flash patterns

- •Vehicle-specific housing minimizes flashback to vehicle passengers
- •19' cable included
- •Refer to website for full list of models

Outer Edge® Series

`2YR` `5YR` `10YR` `12` `LC` `SAE CLASS 1` `HARD COAT` `SCAN LOCK™` `WeCan` `WECAN` `X` **ISOLO™** **IDUO™** **ITRIO™** **PROCLERA®**

🔴 Download WeCad™ for models and options

FEATURES

- •SAE Class 1 Certified
- •Fully encapsulated for moisture, vibration, and corrosion resistance
- •Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- •WeCanX compatible models require CenCom Core® or CEM16, purchased separately

REAR FACING

- •2 independent Black powder-coated housings mount easily to the rear spoiler
- •Each housing supports 3 ION® lightheads in SOLO, DUO™, or TRIO™ colors
- •Low Current models are available with SOLO lightheads and feature Traffic Advisor™ patterns

REAR PILLAR

- •Vehicle-specific ABS housings conform to vehicle back pillars
- •Vacuum-formed housings provide easy serviceability and conform to vehicle back pillars
- •Housings mount with included 3M® VHB tape
- •Refer to website for full list of models

⚠️ 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.

WeCanX® 2250

5YR | 10YR | ⚡12 | ⚡24 | IP67 | SAE CLASS 1 | HARD COAT | DVI ENABLED | WECAN X | :DUO™

○ Download WeCad™ for models and options
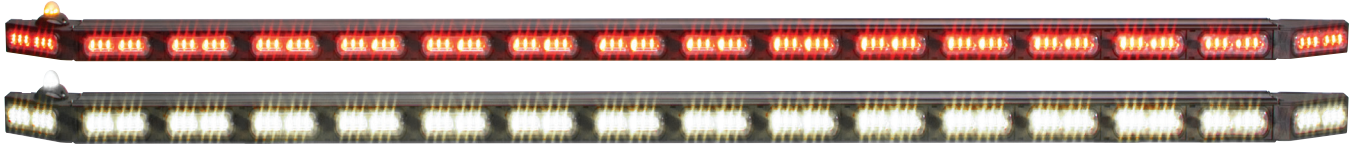
FEATURES

- Utilizes powerful ION® T-Series™ lightheads with patented E Block™ technology
- 3″ slimmer than 4500 series
- Flush mount (slide bolt)
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Dynamic Variable Intensity™ (DVI™)
- Functionality configurable in Whelen Command®
- Lighthead configurations easily defined within Whelen's WeCad™ Software
- DUO™ support in warning light options
- Aerial recognition option
- Choose between 2 angled end caps or 2 flat end caps

Model	Length	Description
WeCanX 2250 Super-LED® with Angled End Caps, Ordered Separately		
WX2230	30"	Six Lightheads and Two Angled End Caps Required
WX2240	40"	Eight Lightheads and Two Angled End Caps Required
WX2250	50"	Ten Lightheads and Two Angled End Caps Required
WX2260	60"	Twelve Lightheads and Two Angled End Caps Required
WX2270	70"	Fourteen Lightheads and Two Angled End Caps Required
WX2280	80"	Sixteen Lightheads and Two Angled End Caps Required
WeCanX 2250 Super-LED with Flat End Caps, Ordered Separately		
WX2220F	22"	Four Lightheads and Two Flat End Caps Required
WX2230F	32"	Six Lightheads and Two Flat End Caps Required
WX2240F	42"	Eight Lightheads and Two Flat End Caps Required
WX2250F	52"	Ten Lightheads and Two Flat End Caps Required
WX2260F	62"	Twelve Lightheads and Two Flat End Caps Required
WX2270F	72"	Fourteen Lightheads and Two Flat End Caps Required
WX2280F	82"	Sixteen Lightheads and Two Flat End Caps Required
WeCanX 2250 Super-LED with Angled & Flat End Caps, Ordered Separately		
WX2225AF	25"	Five Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2225FA	25"	Five Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately
WX2235AF	35"	Seven Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2235FA	35"	Seven Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately
WX2245AF	45"	Nine Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2245FA	45"	Nine Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately
WX2255AF	55"	Eleven Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2255FA	55"	Eleven Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately
WX2265AF	65"	Thirteen Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2265FA	65"	Thirteen Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately
WX2275AF	75"	Fifteen Lightheads with One Angled End Cap on Passenger Side and One Flat End Cap on Driver Side, Ordered Separately
WX2275FA	75"	Fifteen Lightheads with One Flat End Cap on Passenger Side and One Angled End Cap on Driver Side, Ordered Separately

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⚠ 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.

WX2240

OPTIONS

Options	Description
22L#	Add One DUO™ Color Lighthead, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber
22AEC	One Angled End Cap, No Charge When Purchased with a 2250 Series
CCP	Core® Control Point for Use with WeCanX® Device When NOT Using CenCom Core®
22RECA	One Angled Right End Cap for Use with One Aerial Recognition Light, for Bars 30" to 50"
22LECA	One Angled Left End Cap for Use with One Aerial Recognition Light, for Bars 30" to 50"
22RECA2	One Angled Right End Cap for Use with One Aerial Recognition Light, for Bars 60" to 80"
22LECA2	One Angled Left End Cap for Use with One Aerial Recognition Light, for Bars 60" to 80"
22ARL*	Add One Aerial Recognition Light, Amber, Blue, Red or White (22LECA(2))
22LOAD	Add One Load Light
22BLANK	Blank Filler Panel, Not Available for Angled End Caps
22EC	One Flat End Cap for Left or Right Side

Consult current price list for full list of available options at whelen.com/literature.

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

Flat End Cap   Angled End Cap   Aerial Recognition Light

DIMENSIONS

"L"

2.28" (58mm)

1.66" (42.16mm)

1.58" (40mm)
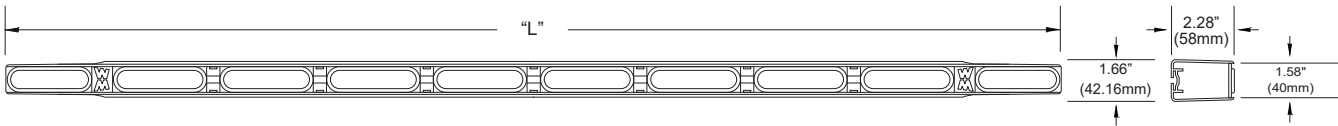
"L" Size Chart

22" (56cm)	30" (76cm)	40" (101cm)	50" (127cm)	60" (152.4cm)	70" (178cm)	80" (203cm)

⚠ 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.

WHELEN®
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Tracer™ WeCanX®

| 10YR | 12 | IP67 | SAE CLASS 1 | HARD COAT | SCAN LOCK™ | DVI ENABLED | WECAN X | ISOLO™ | IDUO™ | ITRIO™ |
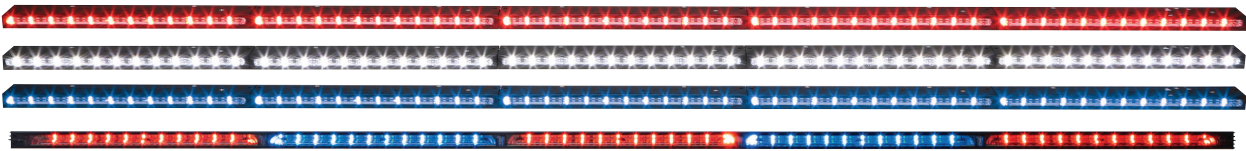
FEATURES

- Vehicle-to-Vehicle Synchronization
- Available in SOLO™, DUO™, or TRIO™ modules
- Whelen Command® programming allows:
  - DUO and TRIO modules to operate with a steady override, such as White steady-burn
  - Full configurability of Traffic Advisor™ functionality
  - Adjustable intensity levels of cruise light control
- Dynamic Variable Intensity™ (DVI™)

- Mounts easily via slide bolt with vehicle-specific brackets, universal "L" brackets, or under lightbar brackets
- SAE Class 1 certified
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

Model	Description
TCRWX1	1-Lamp Housing and TCRL* SOLO Lighthead, "L" Bracket Mounting (Two Required) Purchased Separately
TCRWX2	2-Lamp Housing and TCRL* SOLO Lightheads, "L" Bracket Mounting (Three Required) Purchased Separately
TCRWX3	3-Lamp Housing and TCRL* SOLO Lightheads, "L" Bracket Mounting (Four Required) Purchased Separately
TCRWX4	4-Lamp Housing and TCRL* SOLO Lightheads, "L" Bracket Mounting (Five Required) Purchased Separately
TCRWX5	5-Lamp Housing and TCRL* SOLO Lightheads, "L" Bracket Mounting (Six Required) or Vehicle-Specific Mounting Purchased Separately
TCRWX6	6-Lamp Housing and TCRL* SOLO Lightheads, "L" Bracket Mounting (Seven Required) or Vehicle-Specific Mounting Purchased Separately
TCRWXP*	Primary SOLO Lighthead Includes Lamp Driver, One Required in Position One, for Each SOLO Tracer, Amber, Blue, Red or White, No Charge When Ordered with the Appropriate Housing
TCRWXS*	Secondary SOLO Lighthead, Amber, Blue, Red or White, For Use in Positions Two-Six, No Charge When Ordered with the Appropriate Housing
TCRWXP#	Primary DUO Lighthead Includes Lamp Driver, One Required in Position One, for Each DUO Tracer, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber
TCRWXS#	Secondary DUO Lighthead, For Use in Positions Two-Six, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber
TCRWXP#*	Primary TRIO™ Lighthead Includes Lamp Driver, One Required in Position 1, for Each TRIO Tracer, Red/Blue/White, Red/Blue/Amber
TCRWXS#*	Secondary TRIO Lighthead, For Use in Two-Six, Red/Blue/White, Red/Blue/Amber

Consult current price list for full list of available options at whelen.com/literature.
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber
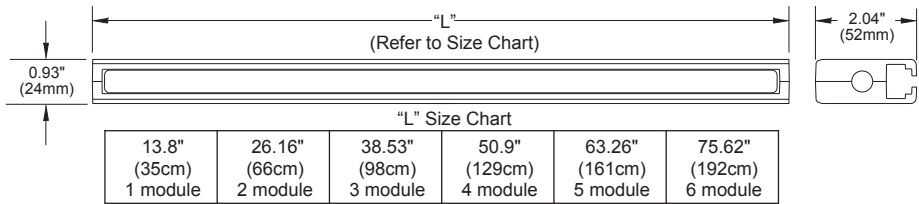Replace #* symbol in model number with letter indicating TRIO colors desired: JC = Red/Blue/White, JA = Red/Blue/Amber

DIMENSIONS

"L" (Refer to Size Chart)
2.04" (52mm)
0.93" (24mm)

"L" Size Chart					
13.8" (35cm) 1 module	26.16" (66cm) 2 module	38.53" (98cm) 3 module	50.9" (129cm) 4 module	63.26" (161cm) 5 module	75.62" (192cm) 6 module

WHELEN®
MANUFACTURED IN AMERICA

Dominator™ and Dominator Plus™ Series

5YR | 12 | SAE CLASS 1 | HARD COAT | SYNC | SCAN LOCK™

FEATURES

- Low-profile surface mount housing designed for interior or exterior use
- Choice of TIR3™ or LINZ6™ Super-LED® modules
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Internal self-contained electronics

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Extruded aluminum Black powder-coated housing
- Eight-module units are available with end flashers

Model	Description	Amps	Patterns	Compliance
Dominator Series				
D2	TIR3 Super-LED®, 2-Lamp, Requires Two D*	0.4/Peak 0.16/Avg per Lamp	7 Scan-Lock™	
D4	TIR3 Super-LED, 4-Lamp, Requires Four D*		10 Scan-Lock	
D6	TIR3 Super-LED, 6-Lamp, Requires Six D*			
D8	TIR3 Super-LED, 8-Lamp, Requires Eight D*			
D*	TIR3 Super-LED Lighthead, Amber, Blue, Red or White			SAE Class 1
Dominator Plus Series				
DP2	LINZ6 Super-LED, 2-Lamp, Requires Two DP*	0.75/Peak 0.3/Avg per Lamp	7 Scan-Lock	
DP4	LINZ6 Super-LED, 4-Lamp, Requires Four DP*		10 Scan-Lock	
DP6	LINZ6 Super-LED, 6-Lamp, Requires Six DP*			
DP8	LINZ6 Super-LED, 8-Lamp, Requires Eight DP*			
DP*	LINZ6 Super-LED Lighthead, Amber, Blue, Red or White			

●●●○

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

DIMENSIONS

"L" (Refer to Size Chart)

2.19" (56mm)

1.19" (30mm)
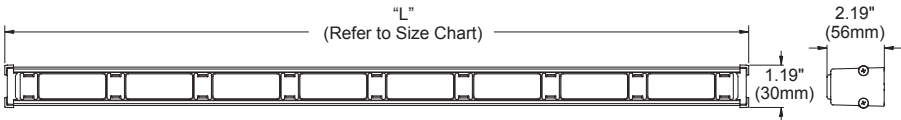
"L" Size Chart

7.06" (179mm)	14.19" (360mm)	21" (533mm)	30" (762mm)

WHELEN®
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DASH AND DECK

Designed for seamless integration and functionality, our Dash and Deck products are discreet yet powerful and provide an added layer of visibility and safety for your fleet vehicles.

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⚠ 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.

Avenger® II Series

5YR | **12** | **SAE CLASS 1** | **HARD COAT** | **SCAN LOCK™** | **ISOLO™** | **IDUO™** | **ITRIO™**

FEATURES

- Combination Linear/TIR™ optics provide high-intensity warning and illumination
- Small profile maximizes space for optimal versatility
- Available in SOLO™, DUO™, or TRIO™ modules
- Polycarbonate housing
- 100% solid-state electronics

- Conformal coated electronics for moisture and vibration resistance
- Supplied with 10' cord and cigar plug with built-in ON/OFF switch and Scan-Lock™ pattern control switch
- Hard-wire series models include 2-wire (SOLO), 3-wire (DUO) or 4-wire (TRIO) pigtail

Model	Description	Override	Patterns	Cable Length	Compliance
AVC11*	Single Lamp, SOLO, Amber, Blue, Red or White	N/A	26 Scan-Lock™	10'	SAE Class 1
AVC21**	Dual Lamp, SOLO, Amber, Blue, Red or White		55 Scan-Lock		
AVC12#	Single Lamp, DUO, Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber		26 Scan-Lock		
AVC22DD	Dual Lamp, DUO, Two Red/White		55 Scan-Lock		
AVC22DE	Dual Lamp, DUO, One Red/White, One Blue/White				
AVC22EE	Dual Lamp, DUO, Two Blue/White				
AVC22FF	Dual Lamp, DUO, Two Amber/White				
AVC22JJ	Dual Lamp, DUO, Two Red/Blue				
AVC22MM	Dual Lamp, DUO, Two Blue/Amber				
AVC13RBC	Single Lamp, TRIO, Red/Blue/White	White	26 Scan-Lock		
AVC13RBA	Single Lamp, TRIO, Red/Blue/Amber	Amber			
AVC13RAC	Single Lamp, TRIO, Red/Amber/White	White			
AVC13BAC	Single Lamp, TRIO, Blue/Amber/White	White			
AVC23RBC	Dual Lamp, TRIO, Red/Blue/White	White	55 Scan-Lock		
AVC23RBA	Dual Lamp, TRIO, Red/Blue/Amber	Amber			
AVC23RAC	Dual Lamp, TRIO, Red/Amber/White	White			
AVC23BAC	Dual Lamp, TRIO, Blue/Amber/White	White			

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
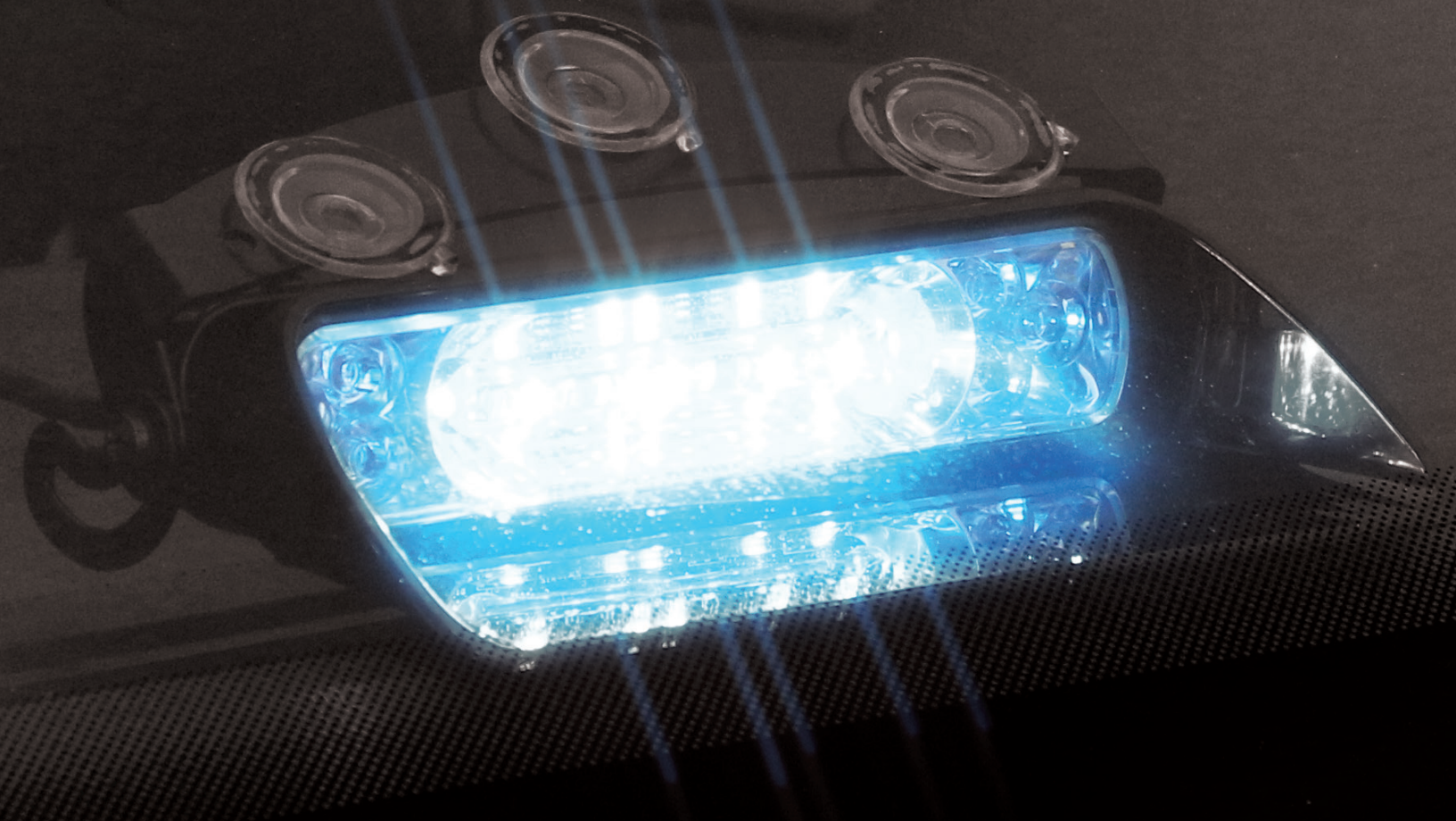Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber

OPTIONS

Options	Description
AVBKT1	Low Profile Mounting (Headliner) Bracket for Single Avenger® II Series Only
AVBKT2	Low Profile Mounting (Headliner) Bracket for Dual Avenger II Series Only
AVBKT3S	Visor Mounting Bracket for Single Avenger II Series Only
AVBKT3D	Visor Mounting Bracket for Dual Avenger II Series Only
AVBKT4	Adjustable Height Bracket Kit for All Avenger IIs
AVBKT5S	Headliner Mounting Bracket, Adjustable, for Single Avenger II Series Only
AVBKT5D	Headliner Mounting Bracket, Adjustable, for Dual Avenger II Series Only

DIMENSIONS
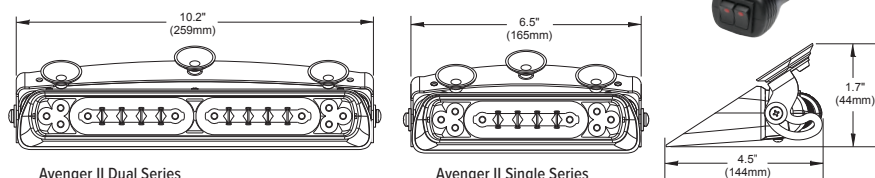
10.2" (259mm)

6.5" (165mm)

1.7" (44mm)

4.5" (144mm)

Avenger II Dual Series

Avenger II Single Series

⚠ 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.

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SpitFire® ION® Series

5YR **10**YR **12** **SAE CLASS 1** **HARD COAT** **SYNC** **SCAN LOCK™** **ISOLO™**

FEATURES

- Polycarbonate housing
- 100% solid-state electronics
- Conformal coated electronics for moisture and vibration resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Supplied with 10' cord and cigar plug with built-in ON/OFF switch and Scan-Lock™ pattern control switch

Model	Description	Amps	Patterns	Cable Length
SFION*	Amber, Blue, Red or White	1.0/Peak 0.40/Avg	33 Scan-Lock, Single-Color	10'
SFION#	Split-Color, Red/White, Blue/White or Red/Blue		69 Scan-Lock, Split-Color	

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

DIMENSIONS

3.4" (86mm)
1.63" (41mm)
3.4" (86mm)
5.13" (130mm)
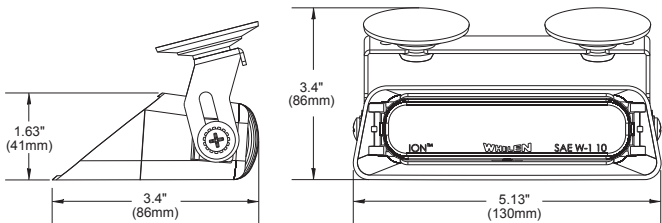
FlatLighter™ Series

5YR **12** **SAE CLASS 2** **HARD COAT** **SCAN LOCK™**

FEATURES

- Visor mount interior light
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Velcro mounting straps included
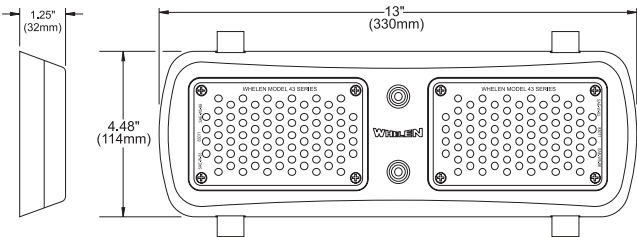
| Model	Technology	Amps	Patterns	Cable Length
FLLED**	LED	0.9/Peak, 0.36/Avg	21 Scan-Lock	8' Straight Cord and Cigar Plug

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired:
A = Amber, B = Blue, R = Red, C = White

DIMENSIONS

1.25" (32mm)
13" (330mm)
4.48" (114mm)

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LIGHTHEADS

Our lightheads are engineered for optimal performance and durability to deliver powerful warning signals with precision and clarity, commanding attention when it matters most.

WHELEN®
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T-Series™ and Mini T-Series

[10YR] [12] [IP67] [SAE CLASS 1] [HARD COAT] [SYNC] [SCAN LOCK™] [STEADY LOCK™] ❚SOLO™ ❚DUO™ ❚❙TRIO™

TLMI2E

TLMIB

TLIJ

TLI2J

TLIB

Side View

FEATURES

- •Linear Super-LED® optics
- •Available in SOLO™, DUO™, or TRIO™ modules
- •Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- •SOLO models available in single or split-colors
- •Smoked lenses available

- •Surface mount via 2 screws for easy installation
- •Black flange included
- •E Block™ technology prevents air and moisture from entering lighthead

Model	Technology	LED Colors	Lens Color	Amps	Patterns	Compliance
T-Series						
TLI*	SOLO, Linear Super-LED	Amber, Blue, Red or White	Clear	0.82/Peak 0.33/Avg	33 Scan-Lock™	SAE Class 1
TLI*X			Smoked			
TLI#	SOLO, Linear Split-Color Super-LED		Clear			
TLI#X			Smoked			
TLI2#	DUO, Linear Super-LED	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Amber/Blue	Clear			
TLI2#X			Smoked			
TLI3#*	TRIO, Linear Super-LED	Red/Blue/Amber, Red/Amber/White, Blue/Amber/White, Red/Blue/White	Clear		32 Scan-Lock	
Mini T-Series						
TLMI*	SOLO, Linear Super-LED	Amber, Blue, Red or White	Clear	0.62/Peak, 0.25/Avg	33 Scan-Lock	
TLMI2#	DUO, Linear Super-LED	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Amber/Blue	Clear	0.32/Peak, 0.13/Avg per Color	69 Scan-Lock	
TLMI3#*	TRIO, Linear Super-LED	Red/Blue/Amber, Red/Amber/White, Blue/Amber/White, Red/Blue/White	Clear	0.35/Peak, 0.14/Avg per Color	32 Scan-Lock	

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # symbol in model number with letter indicating DUO colors 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 TRIO colors desired: KC = Red/Amber/White, JA = Red/Blue/Amber, JC = Red/Blue/White, MC = Blue/Amber/White

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OPTIONS

Options	Description
T-Series™	
TIONFC	Flange, Chrome
TIONF2B	Black, Dual Surface Mount Flange Kit for Two Lightheads
TIONF2C	Chrome, Dual Surface Mount Flange Kit for Two Lightheads
TIONBKT1	Optional 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	Optional Universal Adjustable License Plate Bracket for Two T-Series Lightheads
TIONBKT3	Optional Universal "L" Mounting Bracket for Two T-Series Lightheads
TIONBKT4	Optional Universal Over/Under "L" Mounting Bracket for Two T-Series Lightheads
TIONBKT5	Ford Police Interceptor Utility , 2020-2023, Grille Array, for 6 T-Series Lightheads Purchased Separately
TIONBKT6	Optional 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	2021-2023 Chevy Tahoe Running Board Mounting Bracket for One Lighthead, Sold in Pairs
TIONWEDG	Optional Wedge Kit, Includes One 15° and Two 5° Wedges
Mini T-Series™	
TIONMFC	Flange, Chrome
TIONMLB	Surface Mount Flange, Black, Allows TLMI* to Replace a Flange Mounted LINZ6™
TIONMLC	Surface Mount Flange, Chrome, Allows TLMI* to Replace a Flange Mounted LINZ6™
TIONMGRM	Grommet Mount Kit
TIONMBK1	Optional Universal Adjustable License Plate Bracket for Two Mini T-Series Lightheads, Vertical Mount
TIONMBK2	Optional Universal Swivel License Plate Bracket for Two Mini T-Series Lightheads, Horizontal Mount
TIONMBK4	Optional Universal Over/Under "L" Mounting Bracket for Two Mini T-Series Lightheads

DIMENSIONS
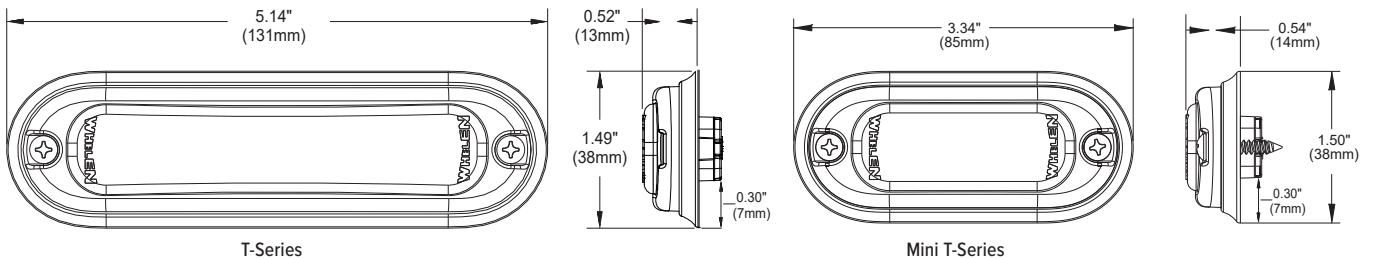
T-Series

Mini T-Series

Mega T-Series™

10YR | 10-30 | IP67 | SAE CLASS 1 | HARD COAT | SYNC | SCAN LOCK™ | DVI ENABLED | STEADY-LOCK | ¡TRIO™

PSJC3FCR

FEATURES

•Linear Super-LED® optics
•TRIO™ models available
•73 Scan-Lock™ flash patterns, including steady-burn
•Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

•Surface mount via 2 screws for easy installation
•Black flange included
•E Block™ technology prevents air and moisture from entering lighthead

Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Cable Length	Compliance
PSJA3FCR	TRIO™	Red/Blue/Amber	Clear	10-30	0.88/Peak, 0.35/Avg	73 Scan-Lock with Steady-Burn	12" Pigtail	SAE Class 1
PSKC3FCR	TRIO	Red/Amber/White						
PSMC3FCR	TRIO	Blue/Amber/White						
PSJC3FCR	TRIO	Red/Blue/White						

Consult current price list for full list of available options at whelen.com/literature

OPTIONS

Options	Description
PSBKT45	45° Mounting Bracket for 1 Strip-Lite™ Plus Lighthead
PSBKT2	Guard for 1 Strip-Lite Plus Lighthead
PSBKT90	90° Mounting Bracket for 1 Strip-Lite Plus Lighthead
PSFC	Optional, Chrome Flange

PSFC
Chrome Flange

DIMENSIONS

11.11"
(282.1mm)

0.53"
(13mm)

1.68"
(43mm)

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Strip-Lite™ Plus

`10YR` `12⚡` `IP67` `SAE CLASS 1` `HARD COAT` `SYNC` `SCAN LOCK™` `STEADY-LOCK` **⫶SOLO**™ **⫶DUO**™

PSB01FCR

FEATURES

- IP67 rated
- Symmetrical center position wire exit
- Surface mount via 2 screws for easy installation
- Black flange included

- Chrome flange available
- E Block™ technology prevents air and moisture from entering the lighthead

Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Cable Length	Compliance
PS*01FCR	SOLO™	Amber, Blue or White	Clear	12	0.82/Peak, 0.33/Avg	25 Scan-Lock™	12" Pigtail	SAE Class 1
PS#02FCR	DUO™	Amber/White or Blue/Amber				67 Scan-Lock		

Consult current price list for full list of available options at whelen.com/literature.

* Replace symbol in model number with letter indicating desired color: A = Amber, B = Blue, C = White
\# Replace symbol in model number with letter indicating color combo desired: F = Amber/White, M = Blue/Amber
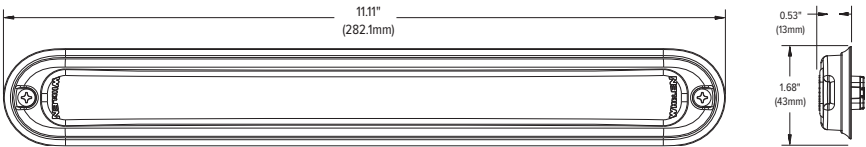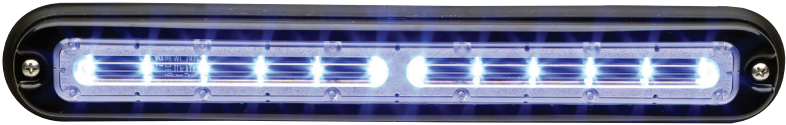
OPTIONS

Options	Description
PSBKT45	45° Mounting Bracket for 1 Strip-Lite™ Plus Lighthead
PSBKT2	Guard for 1 Strip-Lite Plus Lighthead
PSBKT90	90° Mounting Bracket for 1 Strip-Lite Plus Lighthead
PSFC	Optional, Chrome Flange

PSFC
Chrome Flange

DIMENSIONS

11.11" (282.1mm)

0.53" (13mm)

1.68" (43mm)

WHELEN®
MANUFACTURED IN AMERICA

ION® Series

10YR | 12 | 24 | SAE CLASS 1 | HARD COAT | SYNC | SCAN LOCK™ | STEADY LOCK | **ISOLO**™ **IDUO**™ **ITRIO**™
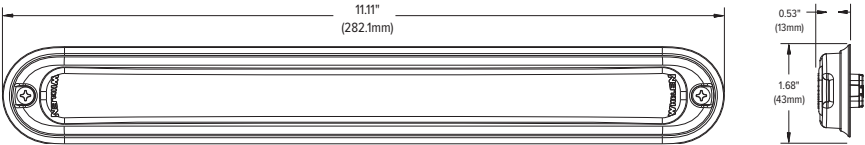
WIONJ

FEATURES

- DUO™ and TRIO™ models feature Linear Super-LED® optics
- SOLO™ models available in single- or split-colors
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Smoked lenses available
- Surface or universal mount

IONSMR

Model	Description	LED Colors	Lens Color	Amps	Patterns	Compliance
ION*	Directional Linear Super-LED, Universal Mount	Amber, Blue, Red or White	Clear	1.0/Peak 0.4/Avg	33 Scan-Lock™	SAE Class 1
XON*			Smoked			
ION#	Wide-Angle Linear Super-LED, Universal Mount	Red/White, Blue/White, Red/Blue, or Red/Amber	Clear			
XON#			Smoked			
WION*		Amber, Blue, Red or White	Clear			
WXON*			Smoked			
WION#		Red/White, Blue/White, Red/Blue or Red/Amber	Clear			
WXON#			Smoked			
IONSM*	Directional Linear Super-LED, Surface Mount	Amber, Blue, Red or White	Clear			
XONSM*			Smoked			
IONSM#		Red/White, Blue/White, Red/Blue or Red/Amber	Clear			
XONSM#			Smoked			
WIONSM*	Wide-Angle Super-LED, Surface Mount	Amber, Blue, Red or White	Clear		69 Scan-Lock	
WXONSM*			Smoked			
WIONSM#		Red/White, Amber/White, Red/Blue or Amber/Blue	Clear		33 Scan-Lock	
WXONSM#			Smoked			
I2#	DUO Linear-LED, Universal Mount	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber	Clear		69 Scan-Lock	
XI2#			Smoked			
I3#*	TRIO Linear-LED, Universal Mount	Red/Blue/White, Red/Blue/Amber, Red/Amber/White or Blue/Amber/White	Clear		33 Scan-Lock	
XI3#*			Smoked			
I2SM#	DUO Linear-LED, Surface Mount Flange Included	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber or Blue/Amber	Clear		69 Scan-Lock	
XI2SM#			Smoked			
I3SM#*	TRIO Linear-LED, Surface Mount Flange Included	Red/Blue/White, Red/Blue/Amber, Red/Amber/White or Blue/Amber/White	Clear		33 Scan-Lock	
XI3SM#*			Smoked			

Consult current price list for full list of available options at whelen.com/literature

Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber
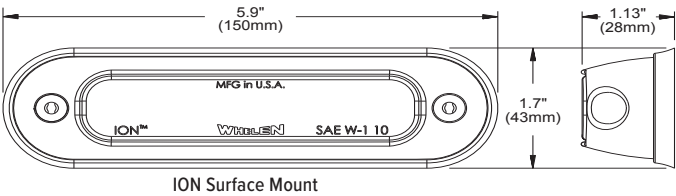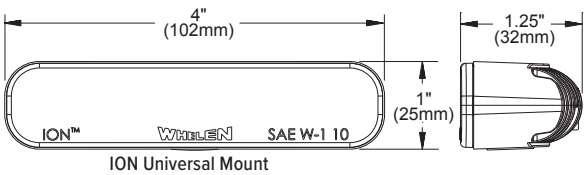Replace #* symbol in model number with letter indicating TRIO colors desired: JA = Red/Blue/Amber, JC = Red/Blue/White, KC = Red/Amber/White, MC = Blue/Amber/White

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⚠️ 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.

OPTIONS

Options	Description
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
IONBKT4	Optional Rear Hatch Brackets (Pair) for 2013-2019 Ford Police Interceptor Utility, Requires Two ION Series Lightheads Purchased Separately
IONBKT5	Universal Mount, Reversed, Allows Access to Mounting Screws Without Removing the Light
IONBKT6	Optional Rear Hatch Mounting Brackets (Pair) for 2015-2020 Chevy Tahoe, Requires Two ION Series Lightheads Purchased Separately
IONBKT7	Optional Grille Mount Brackets (Pair) for 2015-2020 Chevy Tahoe, Requires Four ION Series Lightheads Purchased Separately
IONBKT8	Optional Rear Hatch Brackets (Pair) for 2020-2023 Ford Police Interceptor Utility, Requires Two ION Series Lightheads Purchased Separately
IONBKT9	Optional Grille Mount Bracket (Pair) 2021-2023 Chevy Tahoe PPV, Requires Two ION Series Lightheads, Purchased Separately

DIMENSIONS

ION Universal Mount

ION Surface Mount

ION® V-Series™

[10YR] [12] [SAE CLASS 1] [HARD COAT] [SYNC] [SCAN LOCK™] [STEADY-LOCK]

IONV3R

IONSV3B

FEATURES

- Linear Super-LED® optics
- Available in 3-in-1 combination warning, spotlight, and ground illumination light or in single-color warning-only models
- Black, White, or Chrome housing

- Single-color models have combination 180° and TIR™ directional warning
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Smoked lenses available

| Model	Optics	Technology	Mount	LED Colors	Lens Color	Housing	Amps	Patterns	Compliance
IONV3*	V-Series	Linear Super-LED	Universal	Amber, Blue, Red or White Warning with White Illumination	Clear	Black	Warning 0.76 Alley 0.31 Puddle 0.12	25 Scan-Lock™	SAE Class 1
XONV3*					Smoked	Black			
IONV3*W					Clear	White			
IONSV3*			Surface, Includes Flange		Clear	Black			
XONSV3*					Smoked	Black			
IONSV3*W					Clear	White			
IONSV3*C					Clear	Chrome			
XONV1*	V-Series with Directional	Linear and TIR Super-LED	Universal	Amber, Blue, Red or White	Smoked	Black	1.24/Peak 0.78/Avg		
IONV1*					Clear	Black			
IONV1*W					Clear	White			
IONSV1*			Surface, Includes Flange		Clear	Black			
XONSV1*					Smoked	Black			
IONSV1*W					Clear	White			
IONSV1*C					Clear	Chrome			

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

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OPTIONS

Options	Description
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
IONBKT4	Optional Rear Hatch Brackets (Pair) for 2013-2019 Ford Police Interceptor Utility, Requires Two ION Series Lightheads Purchased Separately
IONBKT5	Universal Mount, Reversed, Allows Access to Mounting Screws Without Removing the Light
IONBKT6	Optional Rear Hatch Mounting Brackets (Pair) for 2015-2020 Chevy Tahoe, Requires Two ION Series Lightheads Purchased Separately
IONBKT7	Optional Grille Mount Brackets (Pair) for 2015-2020 Chevy Tahoe, Requires Four ION Series Lightheads Purchased Separately
IONBKT8	Optional Rear Hatch Brackets (Pair) for 2020 Ford Police Interceptor Utility, Requires Two ION Series Lightheads Purchased Separately
IONBKT9	Optional Grille Mount Bracket (Pair) 2021 Chevy Tahoe PPV, Requires Two ION Series Lightheads, Purchased Separately
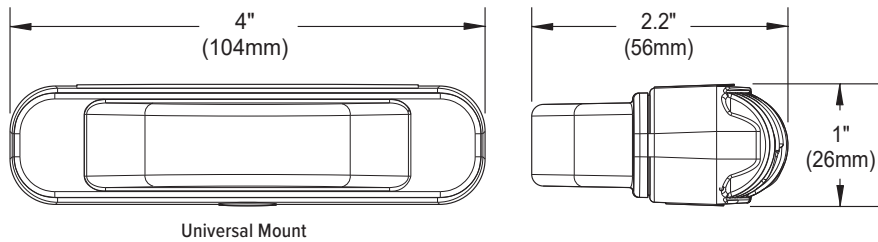
DIMENSIONS

4"
(104mm)

2.2"
(56mm)

1"
(26mm)

Universal 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.

M2 and M4 Series

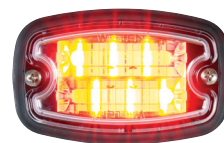| 10YR | 12 | 24 | IP67 | HARD COAT | SYNC | SCAN LOCK | DVI ENABLED | STEADY LOCK | ISOLO | IDUO |

M2B

ML2DD

FEATURES

- Combination warning/scene light models available
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Surface mount via 2 screws for easy installation
- Clear, Color, or Smoked lenses available

- Available in steady-burn or with an internal flasher
- Dynamic Variable Intensity™ (DVI™)
- E Block™ technology prevents air and moisture from entering lighthead

M4V2R

M4J

M2 Model	Optics	LED Colors	Lens Color	Patterns	Amps
M2 SOLO™ TIR™ Series					
M2*	Directional	Amber, Blue, Red or White	Color	25 Scan-Lock™ with Steady-Burn	1.0/Peak 0.45/Avg
M2*C			Clear		
M2#		Red/White, Amber/White, Red/Blue or Red/Amber		69 Scan-Lock	
M2 SOLO TIR Wide-Angle Series					
M2W*	Warning	Amber, Blue, Red or White	Color	25 Scan-Lock with Steady-Burn	
M2W*C			Clear		
M2W#		Red/White, Red/Blue or Red/Amber		69 Scan-Lock	
M2 SOLO Linear Series					
ML2*	Warning	Amber, Blue, Red, or White	Color	74 Scan-Lock	
ML2*C			Clear		
ML2*X			Smoked		
M2 DUO™ Linear Series					
ML2D#	Warning	Red/White, Blue/White, Amber/White, Red/Blue, Red/Amber, Blue/Amber	Clear	74 Scan-Lock	
ML2D#X			Smoked		

M4 Model	Optics	LED Colors	Lens Color	Patterns	Amps
M4*	Directional	Amber, Blue, Red or White	Color	150 Scan-Lock	1.5/Peak 0.6/Avg
M4*C			Clear		
M4#		Red/White, Amber/White, Red/Blue or Red/Amber		64 Scan-Lock	
M4*S		Amber, Blue, Red or White	Color	Steady Only	
M4*CS					
M4DW*		White with Blue or Red	Clear	50 Scan-Lock	Warning and Driving 1.0/Peak, 0.4/Avg
M4DWJ		White with Red over Blue Split			
M4V2*	V-Series™	Amber, Blue, Red or White Warning with White Illumination		25 Scan-Lock	Warning 1.0/Peak 0.4/Avg Perimeter 0.77

Consult current price list for full list of available options at whelen.com/literature

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

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OPTIONS

Options	Description
M2	
M2FC	Flange, Chrome
M2FB	Flange, Black
M2GROM	Grommet Mount Kit
M2PEDB	Pedestal Mount Kit, Black
M2PEDC	Pedestal Mount Kit, Chrome
M4	
M4FC	Flange, Chrome
M4FB	Flange, Black
M4FC400	Flange, Chrome, Adapts M4 to 400 Series Mounting
M4BRUSH	Brush Guard, Black
4BKT1	Universal "L" Mounting Bracket for M4 Series Super-LED® Lighthead

DIMENSIONS
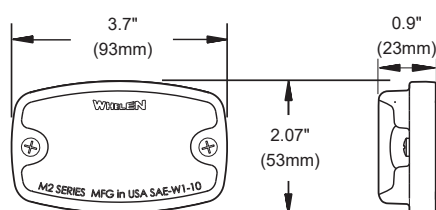
M2 Series
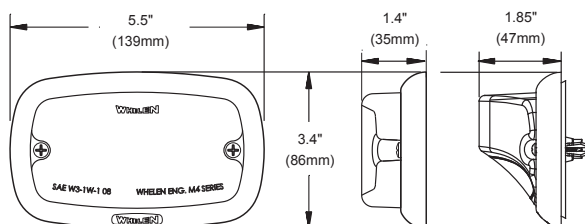
M4 Series

WHELEN **39**
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LINV2™ V-Series™

5YR | 12 | HARD COAT | SYNC | SCAN LOCK™

FEATURES

- Available in 3-in-1 combination warning, spotlight, and ground illumination or in single-color warning only models
- Single-color models have combination 180° and TIR™ directional warning
- Includes steady-burn, alternating, and simultaneous patterns

- Black, White, or Chrome housing
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- SAE Class 1 Certified Smoked lenses available

Model	Optics	Technology	Mount	LED Colors	Lens Color	VDC	Amps	Patterns
LINV2*	V-Series	Super-LED®	Horizontal, Surface	Amber, Blue, Red or White	Clear	12	0.75 Warning 0.12 Puddle	25 Scan-Lock™
LINV2*X					Smoked			
LINSV2*			Under Surface		Clear			
LINSV2*X					Smoked			

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White

OPTIONS

Options	Description
RFLANGCD	Optional, Deep, Chrome-Plated Mounting Flange Kit (Not for Use with LINV2™ Series)
RFLANGEC	Optional Chrome-Plated Mounting Flange Kit
RFLANGEA	Optional Cast Aluminum Mounting Flange Kit (Not for Use with LINV2™ Series)
RFLANG2B	Optional Black, Dual Surface Mount Flange Kit for Two Lightheads
RFLANG2C	Optional Chrome-Plated, Dual Surface Mount Flange Kit for Two Lightheads
LINZ6FC	Optional Deep Chrome-Plated Mounting Flange Kit (Not for Use with LINV2™ Series)
RGROMMET	Grommet Mount Kit
L6BKT2	Optional Dodge Charger Trunk Mount Bracket for Two LINZ6™ Lightheads, Pair
L6BKT3	Optional 46 Degree Push Bumper Bracket, Each
LSVBKT59	2024 Chevy Blazer EV PPV, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair
LSVBKT54	2021-2023 Chevy Tahoe, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair
LSVBKT13	2014-2018 Chevy Silverado 1500/2500, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair
LSVBKT35	2011-2023 Dodge Charger, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair (When Used with Mirror Beam™, Housing Modification May Be Required)
LSVBKT44	2013-2023 Dodge Durango, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair
LSVBKT42	2011-2018 Dodge Ram 1500 and 2019-2021 Dodge Ram 1500 Classic, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair
LSVBK47C	2022-2024 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair (Does Not Work with 360° Camera Package)

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Options	Description
LSVBKT47	2015-2023 Ford F-150 PPV, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair (Does Not Work for 2019-2020 F-150 PPV, if Passenger Side View Mirror Has a Sensor)
LSVBKT50	2020-2024 Ford Police Interceptor Utility, Under-the-Side View Mirror Mount for Two LINSV2™ Series Sold Separately, Pair (For Use with Ford's Factory Side Marker LED Side View Mirror Option)
RBKT1	Optional "L" Mounting Bracket for One Lighthead (Consider Using LIN3™ Mounting Flange When Used with LINZ6™, Purchased Separately and Not for Use with RV Series)
RBKT2	Optional "L" Mounting Bracket for Two Lightheads (Consider Using LIN3 Mounting Flange When Used with LINZ6, Purchased Separately and Not for Use with RV Series)
RBKT4	Optional Swivel Mounting Bracket For One TIR3™ or LIN3
RBKT6	Optional License Plate Bracket for Two Lightheads, Horizontal Mount (Consider Using LIN3 Mounting Flange When Used with LINZ6, Purchased Separately)
RBKT7	Optional License Plate Bracket for Two Lightheads, Vertical Mount (Consider Using LIN3 Mounting Flange When Used with LINZ6, Purchased Separately)
RBKT10	Optional Pair of Trunk Mount Brackets for 2015-2022 Dodge Charger
RBKT17	Optional Pair of Above the Rear Taillight Mounting Brackets for 2014-2018 Dodge Ram and 2019-2021 Dodge Ram Classic (Consider LIN3 Mounting Flange, Purchased Separately)
RBKT20	Optional Pair of Grille Stud Mounting Brackets for 2020-2024 Ford Police Interceptor Utility, For Use with Two LINV2, LINZ6 or TIR3/LIN3 Series Lightheads
RBKT21	Optional Pair of Below the Taillight Mounting Brackets for 2023 Ford F-150 PPV
RBKTHD1	2008-2022 Harley-Davidson® Road King®, Side Cowl Mounting Kit, for Use with One Lighthead, Stainless Steel, Includes RFLANGEC, Each
RBKTHD2	2008-2022 Harley-Davidson Road King, Side (Saddle Bag) Crash Bar Mounting Kit, for Use with Two Lightheads, Stainless Steel, Includes RFLANG2C, Each
RBKTHD4L	2008-2022 Harley-Davidson Road King, Under Radio Box Mounting Kit, for Use with One Lighthead, Stainless Steel, Includes RFLANGEC, Road Side, Each
RBKTHD4R	2008-2022 Harley-Davidson Road King, Under Radio Box Mounting Kit, for Use with One Lighthead, Stainless Steel, Includes RFLANGEC, Curb Side, Each
RBKTHD5	2008-2022 Harley-Davidson Road King, Under Headlight Mounting Kit, for Use with One Lighthead, Stainless Steel, Includes RFLANGEC, Each
RBKTHD6	2008-2022 Harley-Davidson Road King, Passing/Fog Light Mounting Kit, for Use with One LINZ6, LINV2, TIR3 or LIN3 Lighthead, Stainless Steel, Each
RBKTHD7	2014-2022 Harley-Davidson® Electra Glide®, Passing/Fog 90° Mount Kit, for Use with One LINZ6, LINV2, TIR3 or LIN3 Lightheads, Stainless Steel, Each
RBKTHD8	2014-2022 Harley-Davidson Electra Glide, Passing/Fog 90° and 45° Mount Kit, for Use with Two LINZ6, LINV2, TIR3 or LIN3 Lightheads, Stainless Steel, Each

DIMENSIONS

3.88″
(99mm)

1.57″
(40mm)

3.25″
(83mm)

Surface Mount

1.65″
(42mm)
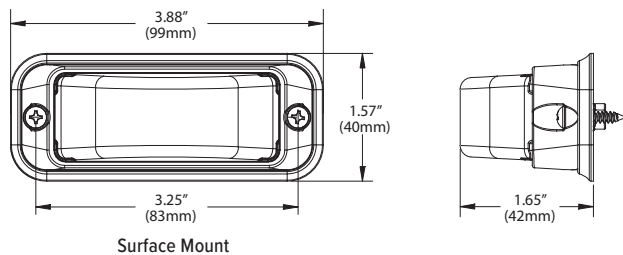
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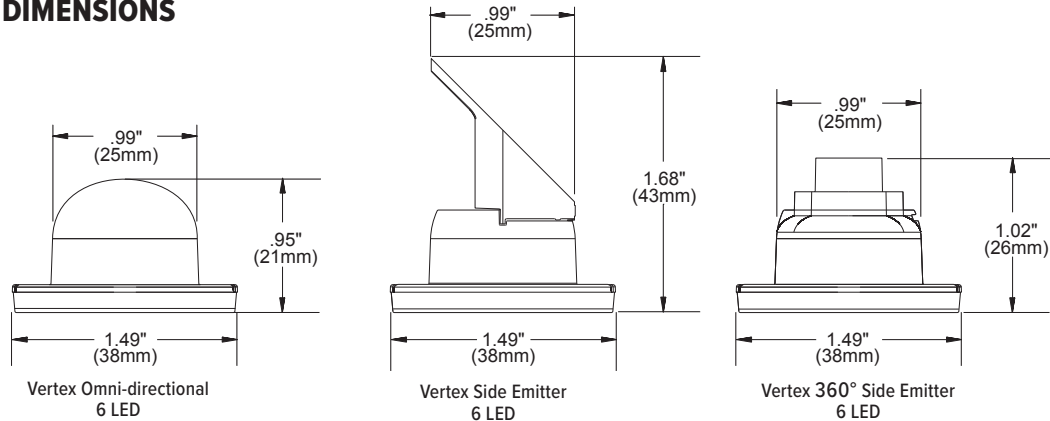
Vertex™ Series

FEATURES

- Self-contained light with in-line lamp driver
- Omni-directional, side emitter, or directional models available
- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear outer lens, Color LEDs
- Smoked lenses available

Model	Description	Mount	Amps	Patterns	Cable Length
VTX609*	Omni-Directional Lighthead, Amber, Blue, Red or White	1" Hole Recess or Surface with Flange	0.75/Peak 0.3/Avg	25 Scan-Lock™	9' Cable Included
VTX9#	Omni-Directional Lighthead, DUO™, Amber, Blue, Red and/or White				
VTXD609*	Directional Lighthead, Includes Side Emitting Shield, Amber, Blue, Red or White				
VTXD609#	Directional Lighthead, Includes Side Emitting Shield, Split-Color, Amber, Blue, Red and/or White				
VTX3609*	360° Side Emitter Lighthead, Amber, Blue, Red or White				
VTX3609#	360° Side Emitter Lighthead, Split-Color, Amber, Blue, Red and/or White				
Options	**Description**				
VTXFB	Flange Kit, Surface Mount, Black				
VTXFC	Flange Kit, Surface Mount, Chrome				
VTXADAPT	Twist-In Adapter for Use with 2020-2022 Ford Police Utility Factory Prep Option				

Consult current price list for full list of available options at whelen.com/literature

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

DIMENSIONS

Vertex Omni-directional 6 LED	Vertex Side Emitter 6 LED	Vertex 360° Side Emitter 6 LED

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Micron™ Series

10YR | **12** | **SAE CLASS 1** | **HARD COAT** | **SYNC** | **SCAN LOCK™** | **ISOLO™**
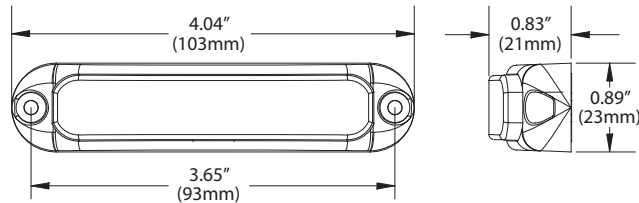

FEATURES

- Linear Super-LED® optics
- Fully encapsulated for moisture, vibration and corrosion resistance
- Surface or stud mount via 2 screws for easy installation
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- SAE Class 1 Certified Smoked lenses available

Model	Technology	Mount	LED Colors	Lens Color	Flange	Amps	Patterns	Cable Length
MCRNS*	Linear Super-LED®	Surface	Amber, Blue, Red or White	Clear	Black	0.6/Peak 0.24/Avg	25 Scan-Lock™	6" Pigtail
MCRNSC*			Amber, Blue, Red or White	Clear	Chrome			
MCRNS#			Red/White, Red/Blue or Amber/Red	Clear	Black			
MCRNSC#			Red/White, Red/Blue or Amber/Red	Clear	Chrome			
MCRNS*X			Amber, Blue, Red or White	Smoked	Black			
MCRNS#X			Red/White, Red/Blue or Amber/Red	Smoked	Black			
MCRNT*		Stud	Amber, Blue, Red or White	Clear	-			
MCRNT#			Red/White, Red/Blue or Amber/Red	Clear	-			
MCRNT*X			Amber, Blue, Red or White	Smoked	-			
MCRNT#X			Red/White, Red/Blue or Amber/Red	Smoked	-			

Options	Description
MCRNB1	Black Angle "L" Mounting Bracket
MCRNB2	Optional Universal License Plate Bracket for Two MCRNS Lightheads, Horizontal Mount
MCRNB3	Optional Rear Child Restraint Mounting Brackets Pair for 2011-2023 Dodge Charger, Requires Two Microns or LINZ6™ Series Lightheads Purchased Separately, Not for Use with Rear Inner Edge® Lightbars

Consult current price list for full list of available options at whelen.com/literature

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

Replace # in model number with interleaved color desired: D = Red/White, J = Red/Blue, K = Red/Amber
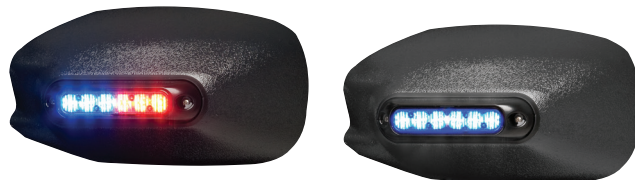

DIMENSIONS

4.04" (103mm)

0.83" (21mm)

0.89" (23mm)

3.65" (93mm)

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43

Mirror-Beam™ Series

5YR · **10YR** · **12** · **SAE CLASS 1** · **SYNC** · **SCAN LOCK™** · **STEADY LOCK™** · **!SOLO™ !DUO™**

FEATURES

- SAE Class 1 Certified
- Custom textured Black vacuum-formed ABS housings fit over existing mirror glamour caps
- Available with ION® V-Series™ 3-in-1 combination warning, alley/flood, and puddle light
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

- Includes multiple Scan-Lock™ flash patterns (with Phase 1 and Phase 2 for alternating or simultaneously flashing lights) and steady-burn plus synchronize feature
- Available in split LED colors
- SAE Class 1 Certified Smoked lenses available

Model	Description
MBCT21	2021-2024 Chevy Tahoe, 2024 Chevy Suburban
MBCB24	2024 Chevy Blazer EV PPV
MBDC11	2011-2023 Dodge Charger
MBDD19	2018-2024 Dodge Durango
MBFX20	2020-2024 Ford Police Interceptor Utility
MBION*	ION SOLO™ Lighthead, Single or Split-Colors, Two Lightheads Required
MBXON*	ION SOLO Lighthead, Single or Split (Red/Blue Only) Colors, with Smoked Lens, Two Lightheads Required
MBI2#	ION DUO™ Lighthead, Two Lightheads Required
MBXI2#	ION DUO Lighthead, with Smoked Lens, Two Lightheads Required
MBIONV*	ION V-Series Lighthead, Two Lightheads Required
MBXONV*	ION V-Series Lighthead, with Smoked Lens, Two Lightheads Required

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White
Replace # in model number with interleaved color desired: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Blue/Amber

0S™ Series

5YR · **12** · **HARD COAT**

FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Chrome housing
- Clear outer lens, Color LEDs
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

Options	Description
0S*00MCR	Amber or Red Marker/Clearance Light with Clear Lens
0SB00SCR	Blue Steady-Burn and Clear Lens
0SC0EDCR	White Illumination Light with Clear Lens
0AC0EDCR	White Illumination Light with Clear Lens and 45° Angled Chrome-Plated Bezel

Model	Description	LED Colors	Amps	Patterns	Flasher	Cable Length
0S*00FCR	5mm LED Surface Mount, Includes Chrome Flange	Amber, Blue, Red or White	0.06/Peak, 0.03/Avg	Single Flash	Built-In	6" Pigtail
0S*00SCR			0.03/Peak, 0.01/Avg	Steady	Requires Flasher (Purchased Separately)	

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired:
A = Amber, B = Blue, R = Red, C = White

DIMENSIONS

1.5" (38mm) · 0.9" (22mm) · 0.5" (13mm)

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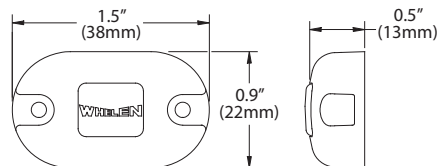
WHITE ILLUMINATION

Designed for clarity and control, our innovative White Illumination products will help you function at the highest level in critical nighttime operations or challenging environments.
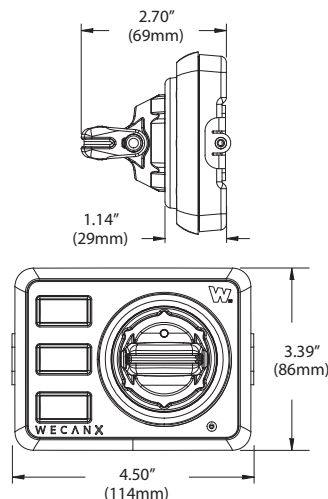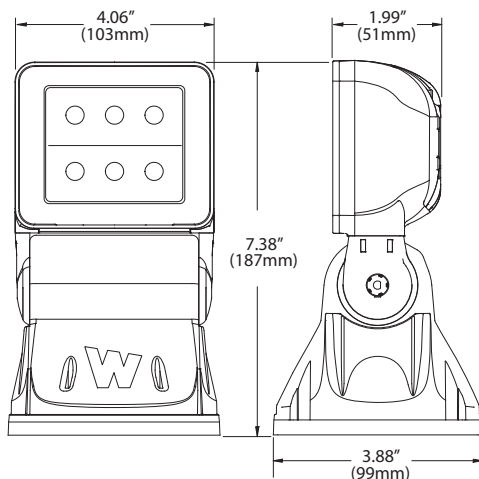
Arges® Remote Spotlight

Designed from the ground up and packed with Whelen's most innovative technology, Arges is the next evolution in spotlight technology, providing unmatched speed, precision, and control. When paired with our CenCom Core® control system, Arges offers enhanced situational awareness and programmability to give you command of any scene, whether in pursuit of a vehicle, searching for a location, or illuminating alleyways.

FEATURES

• Innovative design provides 360° of continuous rotation and a 180° tilt range
• ProFocus™ Models: 5° spot to 60° flood variable beam width
• Spotlight Models: 5° spot
• Proclera® Silicone Optics
• Black die-cast aluminum housing
• CenCom Core® and WeCanX® compatible
• Drivetrain is electronically and mechanically protected

• Arges installs quickly and requires no A-pillar drilling or airbag interference
• Includes (2) 18" power control harnesses and (1) 12" communication cable
• Control head features a paddle and 3 push-buttons
• Program Arges with Whelen Command® or use alone with its paired control head
• Full Arges system passes CISPR 25 Class 3

DIMENSIONS

4.06" (103mm)
1.99" (51mm)
7.38" (187mm)
3.88" (99mm)

2.70" (69mm)
1.14" (29mm)
3.39" (86mm)
4.50" (114mm)

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Model	Description
ARGES1	5° Spotlight with Proclera® Silicone Optics
ARGES2	ProFocus™, Select from Spot/Flood Combination Light or Floodlight from the Control Head
ARGFMKT	Arges® Kit, Includes ARGES1 Spotlight, ARGCH1 Control Head and ARGFM Flat Mount
ARGCH1	Control Head for Arges®, Bail Bracket
ARGCH2	Control Head for Arges, Swivel Mount
ARGFM	Flat Mount, Universal
ARG59D	2024 Chevy Blazer EV PPV, Driver Side Fender Mount
ARG59P	2024 Chevy Blazer EV PPV, Passenger Side Fender Mount
ARG49D	2019-2024 Chevy Silverado 1500, Driver Side Fender Mount
ARG49P	2019-2024 Chevy Silverado 1500, Passenger Side Fender Mount
ARG49BD	2020-2024 Chevy Silverado 2500/3500, Driver Side Fender Mount
ARG54D	2021-2023 Chevy Tahoe, Driver Side Fender Mount
ARG54P	2021-2023 Chevy Tahoe, Passenger Side Fender Mount
ARG35D	2016-2023 Dodge Charger, Driver Side Fender Mount
ARG44AD	2015-2024 Dodge Durango, Driver Side Fender Mount
ARG44AP	2015-2024 Dodge Durango, Passenger Side Fender Mount
ARG42D	2014-2018 Dodge Ram 1500/2500/3500 and 2019-2022 Dodge Ram 1500 (Classic), Driver Side Fender Mount
ARG53D	2020-2023 Ford Escape, Driver Side Fender Mount
ARG50D	2020-2024 Ford Police Interceptor Utility, Driver Side Fender Mount
ARG50P	2020-2024 Ford Police Interceptor Utility, Passenger Side Fender Mount
ARG47CD	2021-2024 Ford F-150 PPV, Driver Side Fender Mount
ARG47CP	2021-2024 Ford F-150 PPV, Passenger Side Fender Mount
ARG47BD	2019-2022 Ford F-250/F-350/F-450/F-550 Super-Duty, Driver Side Fender Mount
ARG47BP	2019-2022 Ford F-250/F-350/F-450/F-550 Super-Duty, Passenger Side Fender Mount
ARG47DD	2023-2024 Ford F-250/F-350/F-450/F-550/F-600 Super-Duty, Driver Side Fender Mount
ARG47DP	2023-2024 Ford F-250/F-350/F-450/F-550/F-600 Super-Duty, Passenger Side Fender Mount
ARG47ED	2022-2023 Ford F-150 Lightning, Driver Side Fender Mount
ARG47EP	2022-2023 Ford F-150 Lightning, Passenger Side Fender Mount
ARG48D	2019-2024 Ford Expedition, Driver Side Fender Mount
ARG57D	2021-2023 Ford Mach-E, Driver Side Fender Mount
ARG57P	2021-2023 Ford Mach-E, Passenger Side Fender Mount
ARG56D	2021-2022 Tesla Model Y, Driver Side Fender Mount
ARGMK1	2020-2023 Ford Police Interceptor Utility, Driver Side Arges Control Head Mount Kit
ARGLB1	Lightbar Mounting Bracket for Legacy®, Liberty™ II, Justice® and Freedom® IV Series Lightbars, Arges® with Flat Mount Purchased Separately

Consult current price list for full list of available options at whelen.com/literature.

Pioneer Nano™

5YR · **12** · **IP67** · **HARD COAT**

 Download Pioneer™ Designer for models and options

FEATURES

- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern of:
  - 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White

- 100% solid-state electronics
- LEDs are instant On/Off, eliminating high inrush current and ramp-up time
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
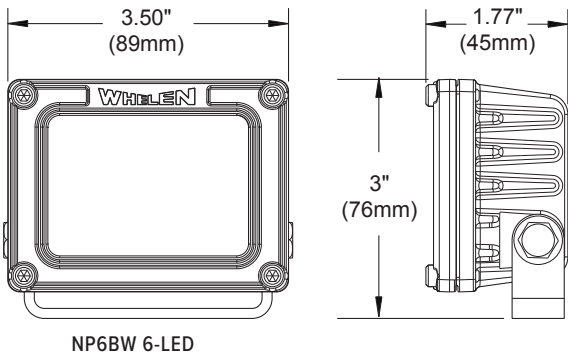- Powder-coated stainless steel bail bracket with 3/8"-16 stud carriage bolt mount

Model	Mount	Housing	VDC	Amps	Cable Length
NP3BW	3-LED, with Bail	White	12	0.69/Peak, 0.27/Avg	6'
NP3BB		Black			
NP6BW	6-LED, with Bail	White		1.50/Peak, 0.60/Avg	
NP6BB		Black			

Consult current price list for full list of available options at whelen.com/literature

OPTIONS

Option	Description
NPBKT3	Mounting Brackets (Pair) and Hardware for Two Pioneer Nano™ 3-LED Series Lightheads Under a Lightbar, Black (Requires Minimum Clearance of 3" from Base of Lightbar to Top of Flat Roof Surface), Lightheads Purchased Separately
NPBKT4	Mounting Brackets (Pair) and Hardware for Two Pioneer Nano 6-LED Series Lightheads Under a Lightbar, Black (Requires Minimum Clearance of 3 1/2" from Base of Lightbar to Top of Flat Roof Surface), Lightheads Purchased Separately

DIMENSIONS

3.50" (89mm) · 1.77" (45mm) · 2.24" (57mm)

NP3BW 3-LED

3.50" (89mm) · 1.77" (45mm) · 3" (76mm)

NP6BW 6-LED

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Pioneer Micro™

5YR | **12** | **IP67** | **HARD COAT**
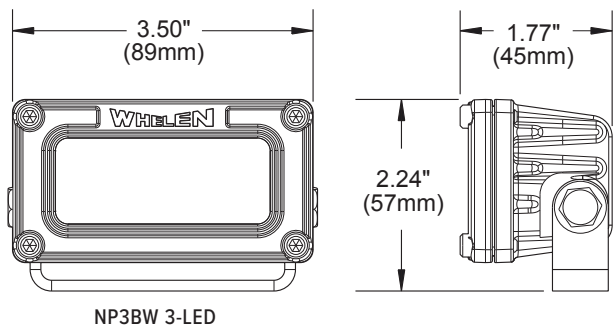
Download Pioneer™ Designer for models and options

FEATURES

- •8° spotlight pattern comes standard. Includes three additional optic lenses for a light pattern choice of:
  - • 90° x 20° wide flood
  - • 40° x 20° standard flood
  - • 40° x 8° narrow flood
- •Optic lens changes easily via removable lens retainer
- •Injection molded polycarbonate lenses are impact resistant
- •Die-cast aluminum powder-coated housing in Black or White
- •100% solid-state electronics
- •LEDs are instant On/Off, eliminating high inrush current and ramp-up time

- •Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- •Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- •Five mounts available:
  1. Powder-coated stainless steel bail bracket with 3/8"-16 stud carriage bolt mount
  2. Recessed 90° angle mount with Chrome flange
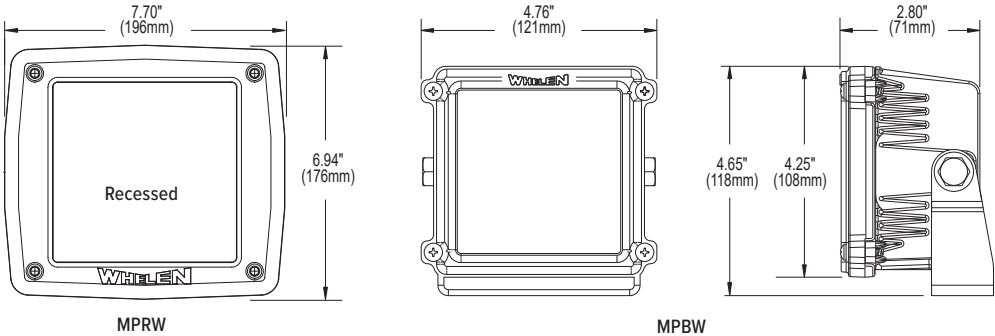 3. Recessed 15° angle mount with Chrome flange
  4. Pole/pedestal mount with handle available with or without On/Off switch
  5. Low-profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch

Model	Mount	Housing	VDC	Amps	Cable Length
MPBW	Bail/Stud	White	12	3.54/Peak, 1.42/Avg	6'
MPBB	Bail/Stud	Black			
MPPW	Low-Profile Pedestal/Swivel	White			
MPPWCS		White			
MPPB		Black			
MPPBBS		Black			
MPPBCS		Black			
MPRW	Straight Recessed	White			
MPRB	Straight Recessed	Black			
MPR15W	15° Recessed	White			
MPR15B	15° Recessed	Black			

Consult current price list for full list of available options at whelen.com/literature

DIMENSIONS

7.70" (196mm)
6.94" (176mm)
Recessed
MPRW

4.76" (121mm)
2.80" (71mm)
4.65" (118mm) 4.25" (108mm)
MPBW

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Pioneer SlimLine™

5YR | **12** | **IP67** | **HARD COAT**

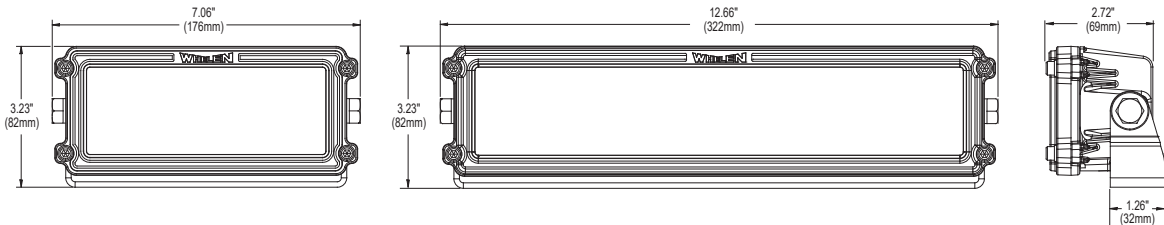Ⓟ Download Pioneer™ Designer for models and options

PSL1P

PSL2BB

FEATURES

- Single or dual models available
- Single Lamp Models: 8° spotlight pattern comes standard. Includes additional 40° x 20° flood lens
- Dual Lamp Models: 8° spotlight pattern comes standard. Includes two additional optic lenses for a light pattern choice of:
  - Dual 40° x 20° flood
  - 8° spot and 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant

- Die-cast aluminum powder-coated housing in Black or White
- 100% solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket

Model	Panels	Description	Housing	VDC	Amps	Cable Length
PSL1B	Single	Bail/Stud	White	12	3.0/Peak, 1.20/Avg	6'
PSL1BB			Black			
PSL1P		Low-Profile Pedestal/Swivel	White			
PSL1PB			Black			
PSL1R		Semi-Recessed, Chrome Flange	White			
PSL1RB			Black			
PSL1R5		Semi-Recessed 15° Angle Chrome Flange	White			
PSL1R5B			Black			
PSL2B	Dual	Bail/Stud	White		3.0/Peak, 1.20/Avg (Per Side)	
PSL2BB			Black			
PSL2P		Low-Profile Pedestal/Swivel	White			
PSL2PB			Black			
PSL2R		Semi-Recessed, Chrome Flange	White			
PSL2RB			Black			
PSL2R5		Semi-Recessed 15° Angle Chrome Flange	White			
PSL2R5B			Black			

Consult current price list for full list of available options at whelen.com/literature

DIMENSIONS

7.06" (176mm)
3.23" (82mm)

12.66" (322mm)
3.23" (82mm)

2.72" (69mm)
1.26" (32mm)

50

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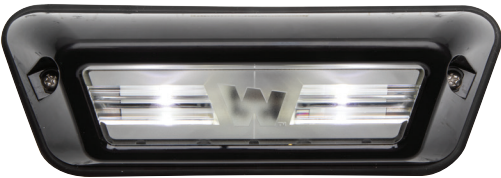
Perimeter Enhancement Light

5YR | **10-30** | **HARD COAT**
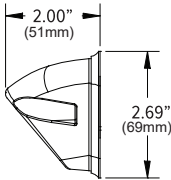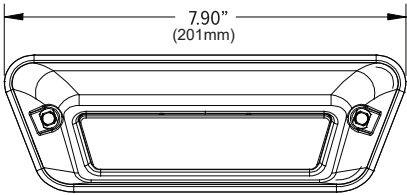
FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Same mounting dimensions as original PEL models
- Light is projected downward at a 40° angle for widespread ground illumination
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

- E Block™ technology prevents air and moisture from entering lighthead
- Mounts to vertical surfaces and may be mounted inverted
- Molded rubber gaskets protect body panels
- Available in single-or two-color

Model	Technology	Mount	LED Colors	VDC	Amps	Housing
PEL2C	LED Compartment	Surface	White	10-30	12.8 VDC: 0.65/Peak, 0.26/Avg 25.6 VDC: 0.36/Peak, 0.15/Avg	Chrome
PEL2B						Black
PEL2W	Single-Color Steady					White
PEL2R						Red
PEL2Y						Yellow
PEL2C*			Amber, Blue or Red			Chrome
PEL2B*						Black
PEL2W*						White
PEL2R*						Red
PEL2Y*						Yellow
PEL2C#	Two-Color Steady		Red/White, Blue/White, or Amber/White			Chrome
PEL2B#						Black
PEL2W#						White
PEL2R#						Red
PEL2Y#						Yellow

* Replace symbol with desired color A = Amber, B = Blue, R = Red
\# Replace symbol with desired color D = Red/White, E = Blue/White, F = Amber/White

DIMENSIONS

7.90" (201mm)

2.00" (51mm)

2.69" (69mm)

WHELEN® 51
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WorkSide™

10YR | **10-30** | **IP67** | **HARD COAT**

Features available across product family. May not apply to every model.


WSLB

FEATURES

- Light is projected down and out to a 10'x10' ground area for increased visibility and expanded view of work areas
- Sleek, low-profile, Strip-Lite™ style footprint
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Selectable turn-on functionality

- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Low power and low current consumption

Model	Flange	Lens Color	VDC	Amps	Compliance	Dimensions
WSLC	Chrome	Clear	10-30	12.8 VDC: 1.32/Peak, 0.53/Avg 25.8 VDC: 0.70/Peak, 0.28/Avg	IP67 Rated	14.23" (362mm) L x 2.29" (59mm) H x 1.03" (27mm) D
WSLB	Black					
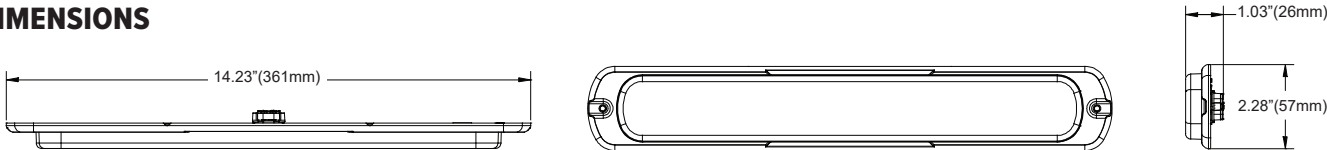
DIMENSIONS

14.23"(361mm)

1.03"(26mm)

2.28"(57mm)

3" Round Series

5YR | **12** | **HARD COAT** | **SCAN LOCK™**

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear or Color lenses available
- Can be used as a compartment light

Model	Technology	Mount	LED Colors	VDC	Amps	Cable
3S*00F*R	LED Warning	Surface	Amber, Blue or Red	12	0.42/Peak, 0.21/Avg	6" Pigtail
3SC0CDCR	LED Compartment		White		0.42/Peak, 0.17/Avg	

Consult current price list for full list of available options at whelen.com/literature
Replace * symbol in model number with letter indicating color desired:
A = Amber, B = Blue, R = Red, C = White

DIMENSIONS

3.0" (76mm)

0.5" (13mm)

OPTIONS

Options	Description
3FLANGEC	Flange Kit, Surface Mount, Chrome
3GROMMET	Grommet Mounting Kit

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PAR Replacement Lamps

5YR · 12 · 24 · HARD COAT · ISOLO™ ·DUO™

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 6" pigtail included

- Handheld units includes 90lb pull magnet mount
- Clear or Smoked lenses available

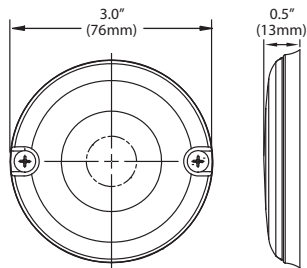| Model	Lamp Type	Usage	LED Color	Lens Color	Diodes	VDC	Amps
P46SC	2° Spotlight (Replaces P46SLC or P46SLCX)	Direct A-Pillar Replacement Spotlight	White	Clear	9		2.3
P46SCX				Smoked			
P46FL*	8° Spotlight		Amber, Blue, Red or White	Clear	18	12	1.9
P46FLCX			White	Smoked			
P46WL*	20° High x 60° Wide Floodlight		Amber, Blue, Red or White	Clear			
P46WLCX			White	Smoked			
P46S2*	DUO™ Color 8° Spotlight & Warning Light		White Spotlight, Red or Blue Warning	Clear	18 Total, 12 White 6 Color		Warning: 1/Peak 0.4/Avg Spot: 1.4
P46S2*3							
P46S2X			White Spotlight, California Steady Red				
P46S2X2	DUO 8° Spotlight		Spotlight with California Steady Red				

Consult current price list for full list of available options at whelen.com/literature

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

●●●●

DIMENSIONS

2.70"
(69mm)

Dia.
6"
(152mm)

PAR46
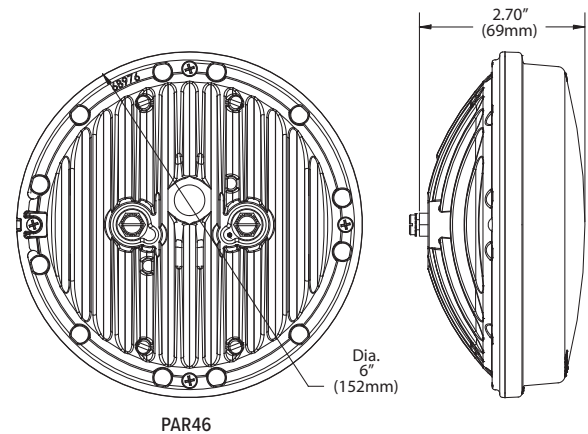
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CONTROLS, FLASHERS, AND AUDITORY WARNING

From customizable flash patterns to attention-grabbing auditory signals, our Controls, Flashers, and Auditory Warning systems offer useful features that empower you to take command of any situation and ensure public safety.

ATLAS Kit™

(ADAPTABLE TRAVEL LIGHT AND SIREN KIT)

| 2YR | 5YR | 10YR | 12 ⚡ | 100 🔊 | IP67 | SAE CLASS 1 | HARD COAT | SCAN LOCK™ | STEADY-LOCK | WeCan® |

The ATLAS Kit is an essential solution for on-the-go law enforcement. Designed for quick installation, this compact kit provides enhanced safety and visibility by transforming any vehicle, regardless of make or model, into a temporary transport for officers, agents, and security details on location. With the ATLAS Kit, experience seamless, damage-free setup and dismantling, and unmatched flexibility in critical situations.

INCLUDES

- **HHS3200 Siren Amplifier**
  - Wail, Yelp, Piercer, Manual Siren, and Airhorn preset default tones
- **CANCTL5 Handheld Controller**
- **Strip-Lite™ Plus Lightheads** (3)
  - Red/Blue
- **Dual Avenger® II Dash Light**
  - Red/Blue
- **SA315 Speaker**

FEATURES

- 12 VDC
- Less than 10 Amp draw with siren and lights running
- SignalAlert™ 75 Default Flash Patterns
- Universal mounting kit for speaker with U-Bolt, C-Clamp, and wrench included
- All necessary harnesses and cables for easy plug-and-play installation
- Durable, weather-resistant carrying case with wheels
- 24.1"(612mm) L x 16.1"(408mm) H x 10.1"(256mm) D

Model	Description
ATLAS1	Includes (1) Carrying Case, (1) HHS3200 with Handheld CANCTL5 Control Head, (3) PSJ02FCR DUO™ Strip-Lite™ Plus, Red/Blue Lightheads, (1) Avenger Model AVC21RB, and (1) SA315 Speaker
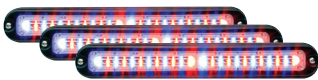
Strip-Lite Plus
Designed for durability and versatility, ready to quick-mount anywhere on the interior of any vehicle

CANCTL5
Conveniently manage all components from a single handheld combination controller and microphone

Avenger II
High-intensity warning and illumination designed to fit the contour of any windshield for easy, inconspicuous placement
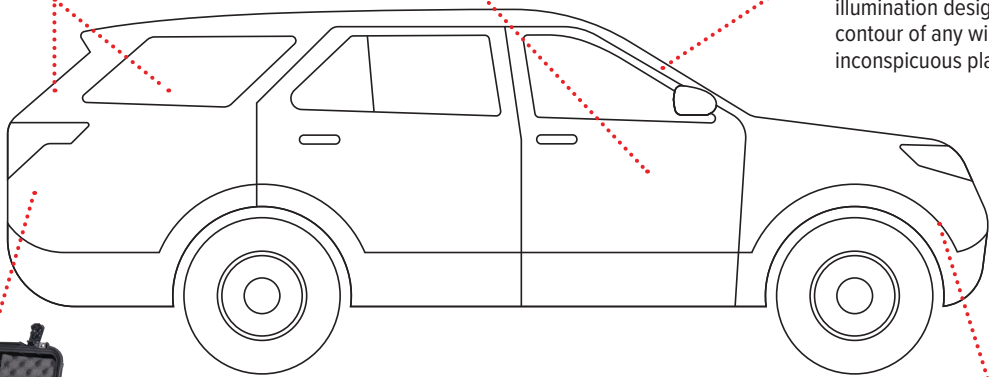
Carrying Case
Durable, weather-resistant with wheels

HHS3200
Siren amplifier features standard switching and is built to last in a durable molded housing

SA315 Speaker
Compact and powerful, perfect for a variety of applications

WHELEN®
MANUFACTURED IN AMERICA

295 Series Electronic Sirens

2YR 5YR 12 24 100 200 DIAG TITLE 13 FREE SCAN LOCK™

295SSA2
295SDA2

FEATURES

- Meets or exceeds all applicable SAE requirements when used with various Whelen speakers
- Handheld control head models
- Combination On/Off and horn ring transfer switch
- Siren functions are backlit for improved visibility
- Solid-state over/under voltage shut-down and output short circuit protection

- Input polarity protection
- Recess or bail bracket for under dash mounting
- Adjustable bail bracket allows mounting in a variety of positions
- Locking quick disconnect plug
- 295SL models available in 24 Volt, contact factory

295SLSA6

295SLSA1

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Model	Siren	Control	Switches	Current	Siren Tones	Size
295SDA1	Full Function Programmable Remote Amplifier and Control Head With Lights and Siren Control	Two Separate Siren Amplifiers in One Housing, Supports 100 or 200-Watt Speakers	3-Position Slide Switch, Eight Programmable Push-Buttons, Radio Repeat Button and 6 Siren Control Push-Buttons	3-20 Amp Ouputs and 8-10 Amp Outputs	20 Scan-Lock™ Includes Radio Repeat and PA	2.29" (58mm)H x 7.22" (183mm) W x 7.10" (180mm) D
295SSA1		One Siren Amplifier, Supports 100-Watt Speakers	3-Position Slide Switch, Eight Programmable Push-Buttons, Radio Repeat Button and Six Siren Control Push-Buttons			
295SDA2	Dual Tone Handheld Control Head	Supports Two 100-Watt Speakers	Handheld Microphone With Twelve Programmable Push-Buttons with 3-Position Progressive Push-Button Switches and Nine Push-Buttons			
295SSA2	Single Tone Handheld Control Head	Supports 100-Watt Speaker				
295SLSA1	Self-Contained	Selectable 100 or 200-Watt Speakers	7-Position Tone Rotary Knob with Volume Control Knob	-	17 Scan-Lock	2.30" (58mm) H x 5.44" (138mm) W x 5.90" (150mm) D
295SLSA6	Single Self-Contained Unit With Lights and Siren Control	Nine Individually Programmable Switches, Supports 100 or 200-Watt Speakers	7-Position Tone Rotary Knob with Volume Control Knob, 4-Position Slide Switch For Three Primary Warning and Five Push-Button Switches for Secondary Warning Plus One Momentary Switch, Manual Tone and Horn Button	High Current	17 Scan-Lock Includes Radio Repeat and PA	2.97" (75mm) H x 6.03" (153mm) W x 5.78" (147mm) D
295SL100	Economical Self-Contained Unit	Supports 100 or 200-Watt Speakers	7-Position Tone Rotary Knob with Manual Tone Button	Low Current	17 Scan-Lock Includes Radio Repeat and PA	2.30" (58mm) H x 3.94" (100mm) W x 5.90" (150mm) D
295SL101			7-Position Tone Rotary Knob with Manual Tone Button and Volume Control Knob			
295HFS2	Remote Siren Amplifier	Flush Mount Control Head	Handheld microphone, 7-position rotary knob with manual tone button and volume control knob	-	Wail, Yelp, Piercer, Airhorn, Radio Repeat, and PA	2.38" (60mm) H x 6.25" (159mm) W x 6.38" (162mm) D
295HFS2X	295HFS2	Dual Amplifiers	Handheld microphone, 7-position rotary knob with manual tone button and volume control knob	-	-	2.38" (60mm) H x 5.95" (151mm) W x 6.38" (162mm) D
295HFSA7	Remote Dual Siren Amplifier	Flush Mount Control Head	3-position power switch, 7-Position Tone Rotary Knob with manual tone and horn button and volume control knob		9 programmable operating profiles	2.25" (57mm) H x 8.08" (205mm) W x 5.95" (151mm) D
295HFSC9	Self Contained	200-Watt Dual Full Function Siren	Removable Microphone		-	2.20" (56mm) H x 5.78" (147mm) W x 5.78" (147mm) D
295HFSDA	Dual Siren Amplifier	Second Amplifier Kit	Use 295HFS2 Only		-	2.38" (60mm) H x 5.95" (151mm) W x 5.63" (143mm) D
WPKM1	-	-	Park Kill Connection Modules	10 Amps Output	-	2.50" (25mm) W x 0.63" (16mm) H x 1.5" (38mm) D

Alpha™ and Beta™ Siren Amplifiers

2YR | 12 | 24 | 100 | 200 | FREE | SCAN LOCK™

ALPHA12S

ALPHASL

BETA112R

FEATURES

•Alpha Series sirens cycle through 2 or 3 siren tones using horn or auxiliary control. For use in applications not requiring radio repeat or PA

•Beta Series 100-watt siren with public address features radio repeat and hands-free operation
•24 Volt models available, contact factory

Model	Series	Siren Type	Watts	Switches	Hands Free	Siren Tones	Microphone	Mount	Size
ALPHA12S	Alpha	Self-Contained	100-Watt	Power On/Off, 3-Position Rocker Switch and Airhorn Button	Yes	5 Scan-Lock™	No	Bail Bracket	2.5" (64mm) H x 6" (152mm) W x 4.63" (117mm) D
ALPHASL	Alpha	Remote	100- or 200-Watt	Requires Separate Switches	Yes	15 Scan-Lock	No	Base Mount Flange	2.25" (54mm) H x 5" (127mm) W x 4.75" (120mm) D
BETA112R	Beta	Remote Amplifier Only	200-Watt	Requires Separate Switches	Yes	16 Scan-Lock	No	Base Mount Flange	2.31" (59mm) H x 5.69" (144mm) W x 5.25" (134mm) D
BETA2	Beta	Control Head Only Requires Beta112R (Purchased Separately)	100-Watt	7-Position Tone Rotary Knob, Volume Control Knob, Lights/Siren Toggle Switch and Manual/Airhorn Toggle Switch	Yes	5 Includes Radio Repeat and PA	Yes	Surface or Recess	1.75" (44mm) H x 4.25" (108mm) W x 2" (64mm) D

OPTIONS

Model	Series	Description
ALPHA1	Alpha Series Switches	Single Rocker On/Off Switch for Use with Hands-Free Operation
ALPHA2	Alpha Series Switches	Single On/Off Hands-Free Activation Plus Momentary for Airhorn
ALPHA3	Alpha Series Switches	Tone 1/Off/Tone 2 Switch Operation Plus Momentary Switch for Airhorn
ALPHA4	Alpha Series Switches	Three Switch Operation, One On/Off, One Tone 1/Hands-Free/Tone 2 Plus Momentary for Airhorn
ALPHA5	Alpha Series Switches	Three Position Toggle Switch, Controls 3 Siren Tones and Other Warning Lights or Device
BETA112R	Beta Series	Full Function Remote Siren, for Use with Remote Switches (Purchased Separately), for One or Two 100-Watt Speakers
BETA1	Beta Series	Full Function Control Head Only, with 15' Interconnect Harness
BETA2	Beta Series	Full Function Control Head Only, with 20' Cable, Surface Mount
BETA2BKT	Beta Series	Mounting Bracket for BETA2 Only, Flange Mount
BETA2MK1	Beta Series	1" Bar Mount Clamp for BETA2 or WPA2 Control Heads
BETAMIC	Beta Series	Remote Mic for Use with BETA112R (for Use with Customer-Supplied Switches)

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Howler™ Series

2YR | **12** | **100** | **200** | **TITLE 13** | **FREE** | **WECAN X**

FEATURES

- WeCanX® model available
- Howler system is an add-on to any 100/200-Watt existing warning system
- Low frequency reverberating tones are able to penetrate high noise, traffic situations, and vehicles
- Includes siren amplifier, 1 or 2 speakers, and mounting bracket(s) on select models
- Works with most siren amplifiers
- 8 selectable tone durations

Model	Series	Speakers	Output	VDC	Mounting	Size
HOWLER	Howler & Amplifier	2	200-Watt		Optional Vehicle-Specific Mounting Brackets	
HWLUNI		1	100-Watt		Universal Mounting Bracket	
HWLDC15					2015-2023 Dodge Charger	
HWLFE29					2020-2024 Ford Police Interceptor Utility	
HWLDD36					2021-2024 Dodge Durango	
CHOWLER	Howler & WeCanX Amplifier	2	200-Watt		Optional Vehicle-Specific Mounting Brackets	
CHWLUNI		1	100-Watt		Universal Mounting Bracket	
CHWLDC15					2015-2023 Dodge Charger	
CHWLFE29					2020-2024 Ford Police Interceptor Utility	
CHWLDD36					2021-2024 Dodge Durango	
HSB4	Howler	1	100-Watt	12	2008-2020 Ford E-Series	7.3" (185mm) H x 7.2" (184mm) W x 8.6" (220mm) D
HSB15					2015-2023 Dodge Charger	
HSB23					Universal Mounting Bracket	
HSB28					2019-2024 Chevy Silverado 1500 SSV	
HSB29					2020-2024 Ford Police Interceptor Utility	
HSB30					2019-2020 Dodge Ram 4500/5500	
HSB31					2019-2024 Dodge Ram 1500, Includes Built-In Mounting for SA315 Speaker (Purchase of SAK69D or SAK69P Not Required) (Not for Use on Vehicles Equipped with Active Air Dam)	
HSB32					2021-2024 Chevy Tahoe PPV/SSV	
HSB33					2021-2022 Tesla Model Y	
HSB34					2021-2023 Ford Mustang Mach-E	
HSB35					2015-2024 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning, 2017-2024 Ford F-250/F-350/F-450/F-550, 2018-2024 Ford Expedition	
HSB36					2021-2024 Dodge Durango PPV	

OPTIONS

Model	Mounting
HWLRB4	2008-2024 Ford E-Series
HWLRB23	Universal Mounting Brackets (Pair)
HWLRB28	2019-2024 Chevy Silverado 1500 SSV
HWLRB29	2020-2024 Ford Police Interceptor Utility (Pair)
HWLRB30	2019-2021 Dodge Ram 4500/5500
HWLRB31	2019-2024 Dodge Ram 1500, Includes Built-In Mounting for SA315 Speaker (Purchase of SAK69D or SAK69P Not Required) (Not for Use on Vehicles Equipped with Active Air Dam)
HWLRB32	2021-2024 Chevy Tahoe PPV/SSV
HWLRB33	2021-2022 Tesla Model Y
HWLRB34	2021-2024 Ford Mustang Mach-E
HWLRB35	2015-2024 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning, 2017-2023 Ford F-250/F-350/F-450/F-550, 2018-2024 Ford Expedition

⚠ 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.

Siren Speakers

2YR | 12⚡ | 100🔊

FEATURES

- Meets or exceeds all applicable SAE requirements when used with various Whelen amplifiers
- SA315P Series high performance multi-port Projector™ Series speaker for bumper, concealed, or flange mount
- Installs to vehicle's cross member in minutes

SA315U   SA315P

Model	Description
SA315U	Projector Series Nylon Composite
SA315P	Projector Series Nylon Composite, Multi-Port Speaker

OPTIONS

Model	Mount Bracket Description
SAK1	Heavy-Duty Universal "L" Mounting Bracket
SAK9	Heavy-Duty Universal/Swivel Bail Type Mounting Bracket
SAK74	2024 Chevy Blazer EV PPV, Driver or Passenger Side
SAK25	2006-2021 Chevy Express Van
SAK70	2019-2024 Chevy Silverado 1500, Driver or Passenger Side
SAK63D	2017-2020 Chevy Tahoe, Driver Side
SAK63P	2017-2020 Chevy Tahoe, Passenger Side
SAK70	2021-2023 Chevy Tahoe and 2021-2022 Chevy Suburban, Driver or Passenger Side
SAK37	2011-2023 Dodge Charger
SAK54CM	2015-2023 Dodge Durango, Center Mount, for One or Two Speakers (SAK54)
SAK48	2012-2018 Dodge Ram 1500 and 2019-2021 Dodge Ram 1500 Classic, Driver Side
SAK47	2012-2018 Dodge Ram 1500 and 2019-2021 Dodge Ram 1500 Classic, Passenger Side
SAK69D	2019-2024 Dodge Ram 1500, Driver Side (Not for Use on Vehicles Equipped with Active Air Dam)
SAK69P	2019-2024 Dodge Ram 1500, Passenger Side (Not for Use on Vehicles Equipped with Active Air Dam)
SAK32	2008-2023 Ford E350/450, Driver or Passenger Side
SAK66D	2020-2023 Ford Police Interceptor Utility, Driver Side Grille
SAK66P	2020-2023 Ford Police Interceptor Utility, Passenger Side Grille
SAK67D	2020-2023 Ford Police Interceptor Utility, Driver Side Frame Mount, Behind the Bumper
SAK73	2021-2023 Ford F-150 PPV, 2021-2023 Ford F-150 with Eco-Boost, 2022-2024 Ford Expedition, Center Mount, for One or Two Speakers
SAK73ADP	2021-2023 Ford F-150 V6 & V8 (without Eco Boost), Center Mount Adapter Plate for Use with SAK73
SAK61D	2017-2023 Ford F-250/F-350, 2023-2024 Ford F-450/F-550, 2018-2023 Ford F-600, Driver Side, Not for Use with Factory Fog Lights
SAK61P	2017-2023 Ford F-250/F-350, 2023-2024 Ford F-450/F-550, 2018-2023 Ford F-600, Passenger Side, Not for Use with Factory Fog Lights
SAK61AD	2023-2024 Ford F-250/F-350/Ford F-450/F-550/Ford F-600, Driver Side
SAK61AP	2023-2024 Ford F-250/F-350/Ford F-450/F-550/Ford F-600, Passenger Side
SAK64D	2018-2021 Ford Expedition SSV, Driver Side
SAK64P	2018-2021 Ford Expedition SSV, Passenger Side
SAK72D	2021-2023 Ford Mach-E, Driver Side
SAK72P	2021-2023 Ford Mach-E, Passenger Side
SAK71	2021-2022 Tesla Model Y, Driver or Passenger Side, Consider Using Two Speakers
WPA112	Waterproof Siren Amplifier, for a Single 100-Watt Speaker
WPA1	Full Function Control Head Only, Weather Resistant, with a 7-1/2' Cable, for Handlebar and Surface Mounting (Motorcycle)

Consult current price list for full list of available options at whelen.com/literature

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Power Control Centers and Switches

2YR | ⚡12 | SCAN LOCK™

PCCS9RW

WCC9

FEATURES

- Combination 30-Watt siren and speaker in a single unit
- 4 modes of operation
- 10 Scan-Lock™ siren tones
- Hands-free operation for Wail and Yelp tones
- Airhorn switch produces airhorn as a main tone and an override tone

- Two-way "L" mounting bracket
- Black plastic housing and water-resistant connectors provide vibration and moisture resistance
- Requires customer supplied switches

| Model	Description	Switches	Output	LED "On" Indicator	VDC	Size
PCCS9RW	High Current 9-Position Programmable Switch Box	Six Push-Button and One 4-Position Dip Switch Programmable Slide Switch	Nine 20 Amp Outputs 80 Amp Total Max	Yes	12	1.63" (40mm) H x 6" (152mm) W x 6.25" (159) D
PCCS9LW	Economical Control Center for Use With Freedom® IV , and Liberty™ II Lightbars		Nine 250mA Max Per Output			1.63" (40mm) H x 6" (152mm) W x 4" (102mm) D
WCC9	Electronic Control for Freedom and Justice® WeCan® Lightbars	Six Push-Buttons and One 4-Position Dip Switch Programmable Slide Switch for Ten Primary Functions	Serial Control to Lightbar			2.50" (64mm) H x 4.19" (106mm) W x 0.88" (22mm) D
WCC92	Electronic Control for Liberty II, Legacy®, Freedom IV, and WeCan Lightbars					

OPTIONS

Model	Description	Usage	Switches	Switch Type	Illuminated
1SWITCH	"L" Shaped Aluminum Switch Bracket Only, Choose Switches From Choices Below	For One Switch	Optional	-	No
2SWITCH		For Two Switches			
3SWITCH		For Three Switches			
4SWITCH		For Four Switches			
PC1	Switch Only	On/Off	1 Each	SPST	Yes
PC2		Momentary On			No
PC3		On/Off/On		SPDT	Yes
PC1SW	PC-1 Switch, 15 Amp Contacts	Switch Brackets	1	SPDT	Yes
PC2SW	PC-2 Switch, 15 Amp Contacts	Momentary On	2	SPDT	No
PC3SW	PC-3 Switch, 15 Amp Contacts	Switch Brackets	3	SPDT	Yes
WCC9SM	Optional Pedestal/Swivel Mount for WCC9 or WCC92 Control Head	-	-	-	-
PCC8R	8 Position Key Pad with Remote Relay Module, Three 20 Amp and Five 10 Amp Relays				
PCC4W	Switch Box	-	4	-	Yes
PCC6W	Switch Box	-	6	-	Yes
PCC6W1	Similar to PCC6W, Except Last On/Off Switch is Replaced with a Momentary Switch				
PCC10W	Switch Box	-	10	-	-
PCC10W1	Similar to PCC10W, Except Last On/Off Switch is Replaced with a Momentary Switch				

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Headlight, Grillelight and Taillight Flashers

[2YR] [5YR] [⚡12] [SCAN LOCK™]

UFM8
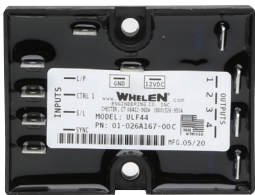
ULF44
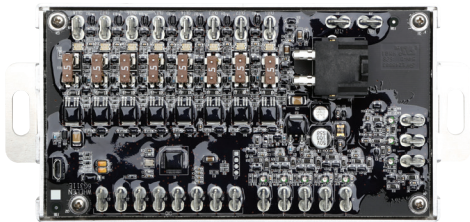
SLFLASH

FEATURES

- Solid-state controlled relay output
- Molded polycarbonate housing
- Fully encapsulated for moisture, vibration, and corrosion resistance
- SmartLogic™ programmable flasher

- Software is configurable via USB port
- Outputs are internally protected and fused
- LED onboard diagnostic indicators
- Day and night mode truck setups
- Refer to price list for full list of models

Model	Usage	Switching	Construction	Outlets	Outlet Switching	VDC	Flash Patterns	Size	Warranty
SSFPOS	Headlight/ Grille Light	Positive	100% Solid-State	2	1x1	12	7 Scan-Lock™	0.88" (22mm) H x 2" (50mm) W x 2.75" (70mm) D	2-year
UHF2150A		Positive or Negative	Relay				4 Scan-Lock	1.50" (38mm) H x 4.25" (108mm) W x 3" (76mm) D	
SSFFP16	Headlight	Positive	100% Solid-State				8 Scan-Lock	0.88" (22mm) H x 2" (50mm) W x 2.75" (70mm) D	
SLFLASH	Auxiliary LED Lightheads	-		8	Programmable		64 Scan-Lock	3.38" (86mm) H x 6.38" (162mm) W x 3.38" (86mm) D	5-year
UFM8	Halogen/LED Flasher	-	Controlled Relay Output		2x2x2x2		17 Scan-Lock	1.75"(44mm) H x 5.85 (149mm) W x 6.70" (170mm) D	2-year
ULF44	LED Flasher	-		4	2x2		62 Scan-Lock	1.63" (41mm) H x 2" (50mm) W x 2.75" (70mm) D	5-year

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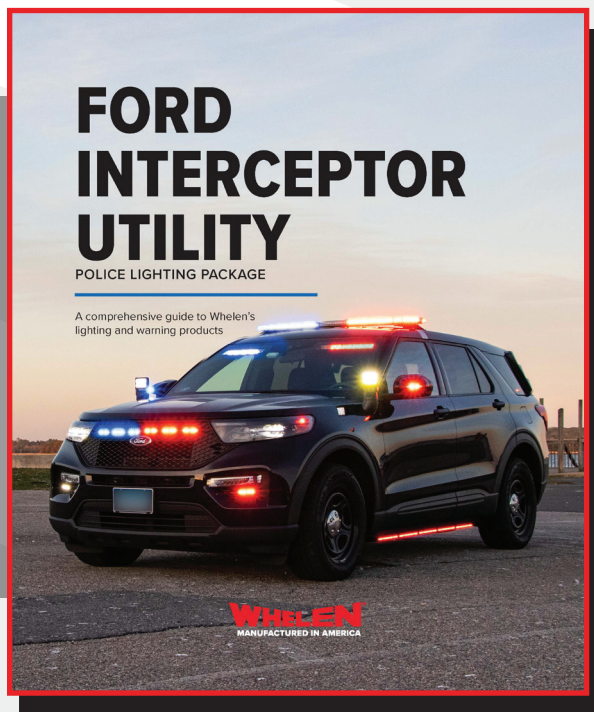
TRUSTED TO PROTECT FIRST RESPONDERS

Police Vehicle Lighting Brochures Available for Download!

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FORD F-150
POLICE LIGHTING PACKAGE
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Icon Legend

Icon	Label
2YR	2-Year Warranty
5YR	5-Year Warranty
10YR	10-Year Warranty
12	12 Volt
24	24 Volt
10-30	10-30 Volt
120	120 AC
30	30 Watt
100	100 Watt
200	200 Watt
	2 Tones
IP67	IP67 Rated
CIA 447	CIA447
DIAG	Real Time Diagnostics
TITLE 13	CA Title13 Compliant
UL	AC Models UL Approved
R10	ECE R10 Approved
LC	Low Current Switching
SC	Standard Current
SAE CLASS 1	SAE Class 1
SAE CLASS 2	SAE Class 2
SAE CLASS 3	SAE Class 3
HARD COAT	Hard Coated
FREE	Hands-Free
SYNC	Sync
SCAN LOCK™	Scan-Lock™
CRUISE	Cruise
DVI ENABLED	DVI™ Enabled
STEADY-LOCK	Steady-Lock™
WeCan	WeCan® Compatible
WeCan X	WeCanX® Compatible

Tech Glossary

BroadBand Blue™
BroadBand Blue delivers a higher intensity, creates a larger optical image, and produces a more consistent color, all while being easier on the eyes - especially at night.

Conformal Coating
A thin material that conforms to the contours of the PCB to protect the electronic components from harsh environments and impact.

DUO™
Two-color interleaved with independent control of color one and color two

DVI™
DVI patterns gradually increase and decrease warning light intensity, which better conveys visual information to approaching motorists at night. These patterns clearly indicate when a vehicle is parked and improves a driver's ability to safely navigate around a work zone.

DYAD™
Two-level technology

E Block™
Whelen's patented E Block technology protects against the elements by creating a watertight seal around a unit's stranded wires, preventing moisture from entering the lighthead.

Encapsulated
Lightheads are fully encapsulated for moisture and vibration resistance.

Hard-Coat
Whelen's industry-first innovative Hard-Coating process counteracts the effects of environmental and chemical damages to our lenses and domes.

Linear-LED® - (Super-LED®)
Whelen's optimized use of the latest generation of LEDs and unique reflector optics to produce highly intense light that has superior wide-angle visibility and rivals strobe in performance.

Low Current
Low current function wires require less than 0.25 amp to operate, allowing for simple operation of each lightbar function.

ProFocus™
Whelen's innovative single optic LED technology that can be customized and programmed as a spotlight or floodlight, with no moving parts.

Proclera® Silicone Optics
Whelen's innovative and efficient solution to distorted optical shape and fringe lighting. Proclera Optics feature 100% internal silicone optic technology, an increased ability to harness LED output and better direct and focus light, and a fully-filled square TIR optic to increase optic efficiency compared to a conventional circular TIR.

Rota-Beam™
Solid-state "rotating" technology, simulating the appearance of a rotating beacon without any moving parts or motors for long-life reliability.

Scan-Lock™
Whelen's advanced method of changing a products flash pattern. Scan-Lock utilizes an external wire to allow the user to cycle through the entire range of flash patterns, allowing for full customization.

Scan-Lock™+
The Scan-Lock+ app is the simplest way to change Whelen flash patterns. Designed for optimal convenience, Scan-Lock+ features an easy to use interface and utilizes a Bluetooth connection. Download the Scan-Lock+ app and browse, test, and assign Whelen flash patterns right from your phone.

SmartLED®
Whelen's distinctive use of self-contained electronics to power and flash a particular LED product. These products require no external flasher, ballast, or power supply to operate.

SOLO™
Single-color LEDs

Split
Two-color lighthead where each color fills half of the reflector

Standard Current
Lightbar functions are wired directly to the switching device and require switches that are matched to the current draw of the desired functions to be activated.

Steady-Lock™
A time-saving feature that allows Whelen's most popular warning lightheads to be set to Steady automatically when used with a CenCom Core® system.

Super-LED®
Whelen's innovative LED technology

Sync
Sync provides the ability to connect multiple Whelen devices to flash together or in alternating patterns. Products with this capability allow the user to create coordinating flashing schemes.

TIR™ - (Total Internal Reflection)
Whelen's optimized use of the latest generation of LEDs and unique reflector optics to produce highly intense light that can be directional in nature.

TRIO™
Three-color interleaved with independent control of color one, color two, and color three

WeCad™
Engineered for optimal accessibility, WeCad lightbar designer delivers the ability to design custom Whelen lightbars with every available option. Adding R65 compliant options is simple, and a bill of materials will be generated to make ordering fast and easy.

WeCan®
Whelen's proprietary CAN-based communication system

WeCanX®
Whelen's smartest and most powerful CAN-based communication system. WeCanX provides true system synchronization, greater speed capabilities, expanded peripheral add-ons, and full support of diagnostics.

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Lighting Certifications

KKK-1822F Contributor-F - Federal Ambulance Specification

CAC, Title 13, Article 22 (Red, Blue and Amber Lightheads)

Warning Lamps and Devices:

SAE J595 - Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles

SAE J845 - Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles

Test Procedures and Materials:

SAE J575 - Test Methods and Equipment for Lighting Devices for Use on Vehicles Less than 203 cm in Overall Width

SAE J578 - Chromaticity Requirements for Ground Vehicle Lamps and Lighting Equipment

SAE J2139 - Tests for Signal and Marking Devices Used on Vehicles 203 cm or More in Overall Width

Signaling and Marking Lighting Devices and Systems:

FMVSS108 - Federal Motor Vehicle Safety Standards

NFPA 1900 - Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances

SAE J585 - Tail Lamps (Rear Position Lamps) for Use on Motor Vehicles Less than 203 cm in Overall Width

SAE J586 - Stop Lamps for Use on Motor Vehicles Less than 203 cm in Overall Width

SAE J588 - Turn Signal Lamps for Use on Motor Vehicles Less than 203 cm in Overall Width

SAE J592 - Sidemarker Lamps for Use on Road Vehicles Less than 203 cm in Overall Width

SAE J593 - Backup Lamp (Reversing Lamp)

SAE J914 - Side Turn Signal Lamps for Vehicles Less than 12 m in Length

SAE J1432 - Rear High Mounted Stop Lamps and Rear High Mounted Turn Signal Lamps for Use on Vehicles 203 cm or More in Overall Width

SAE J1889 - LED Signal and Marking Lighting Devices

SAE J1957 - Center High Mounted Stop Lamp Standard for Vehicles Less than 203 cm Overall Width

SAE J2039 - Side Turn Signal Lamp for Long Vehicles

SAE J2040 - Tail Lamps (Rear Position Lamps) for Use on Vehicles 203 cm or More in Overall Width

SAE J2042 - Clearance, Sidemarker, and Identification Lamps for On-Road Vehicles 203 cm or More in Overall Width

SAE J2261 - Stop Lamps and Front- and Rear-Turn Signal Lamps for Use on Motor Vehicles 203 cm or More in Overall Width

Product Index

LAW ENFORCEMENT

PROFESSIONAL WARNING AND LIGHTING

A comprehensive guide to Whelen's warning and lighting products

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NASCAR
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