WHELEN EUROPE

European Catalogue

UNECE R65 & R10 Compliant Products

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Chester, Connecticut, U.S.A. facility

Charlestown, New Hampshire, U.S.A. facility

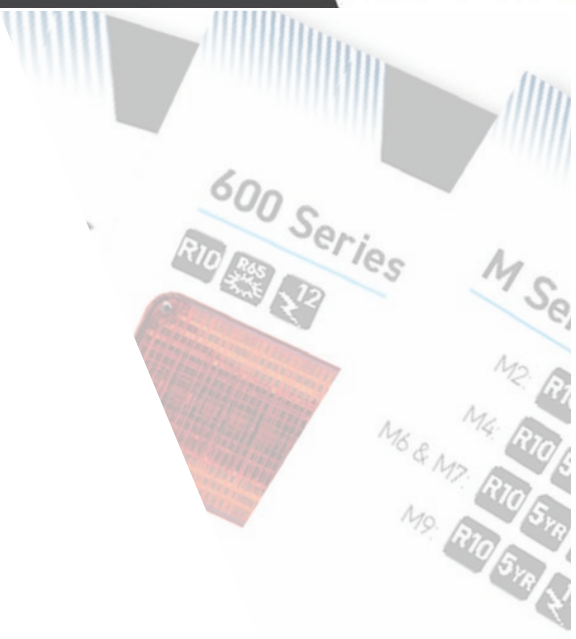
About Whelen

Whelen revolutionized emergency warning technology with the invention of the first rotating "anti-collision" beacon in 1952. Today, Whelen continues to push the boundaries of innovation with reliable and powerful lights, sirens, control systems, and software. We produce a wide range of European certified products that conform to UNECE Regulation 5 and Regulation 10.

Whelen encompasses two state-of-the-art facilities in Connecticut and New Hampshire, with over 750,000 square feet of engineering and manufacturing space. Whelen's 1,500 employees are committed to creating products that enhance first responder and civilian safety the way only Whelen can. With quality as our foundation, we celebrate innovative engineering in every product we produce.

Icon Legend

12 Volt
24 Volt
10-30 Volts
120 AC
30 Watt
100 Watt
200 Watt
Low Current Switching
Standard Current
CIA447
WeCan® Compatible
Real Time Diagnostics
2 Year Warranty
5 Year Warranty
Sync
Scan-Lock™
Cruise
Hands-Free
2 Tones
AC Models UL Approved
IP67 Rated
ECE R10 Approved
R65 Red Class 1
R65 Blue Class 1
R65 Amber Class 1
R65 Red Class 2
R65 Blue Class 2
R65 Amber Class 2



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

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

DYAD™
Two level technology

Encapsulated
Lightheads are fully encapsulated for moisture and vibration resistance.

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

Low Current
Low current function wires require less than ¼ an amp to operate, allowing for simple operation of each lightbar function.

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 full-fill 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.

SOLO™
Single color

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.

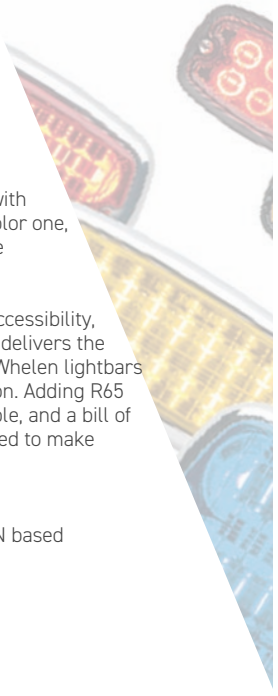
Super-LED®
Whelen's innovative LED technology

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.

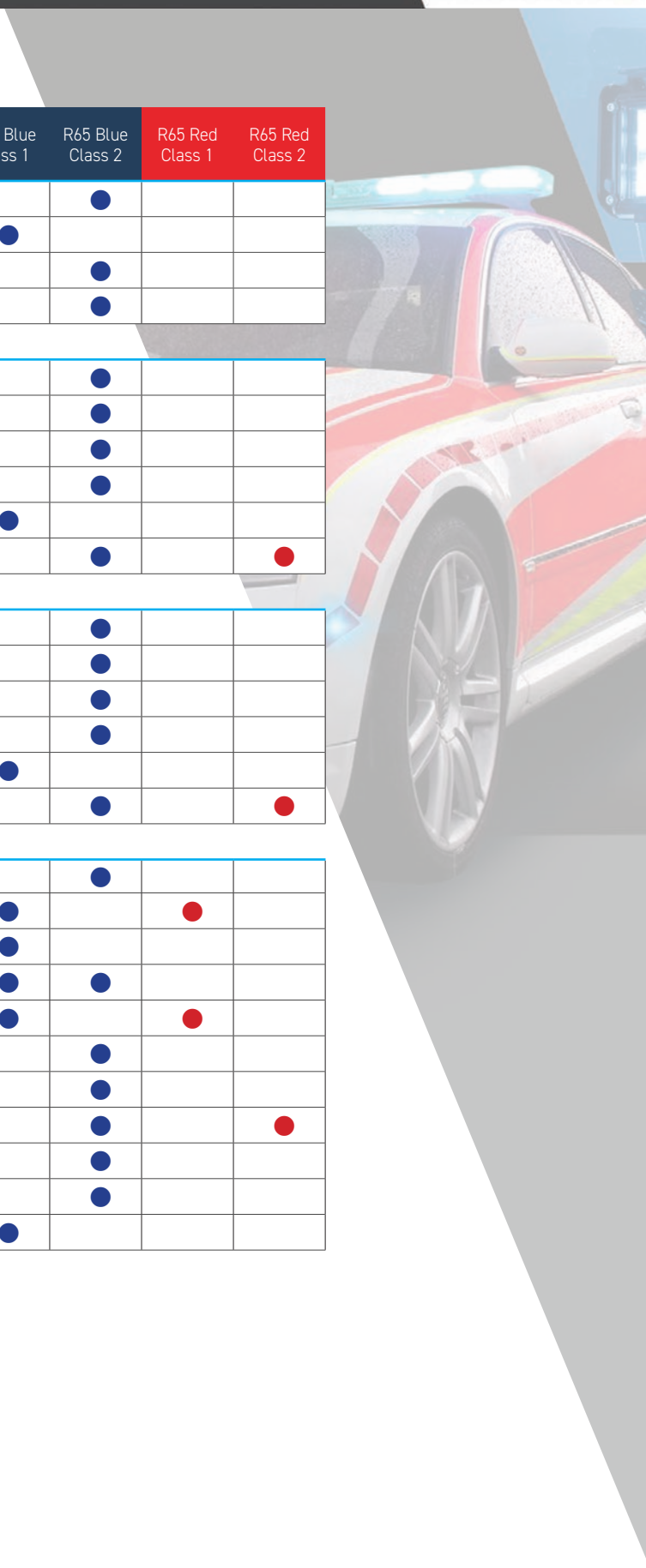
TRIO™
Three color interleaved with independent control of color one, color two, and color three

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



UNECE R65 Compliance Reference



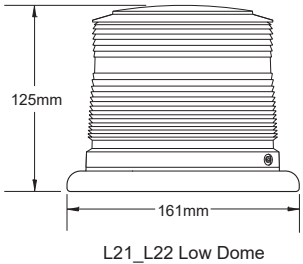
BEACONS	R65 Amber Class 1	R65 Amber Class 2	R65 Blue Class 1	R65 Blue Class 2	R65 Red Class 1	R65 Red Class 2
L31 Series				●		
L32 Series			●			
L41 Series	●			●		
R416 Series				●		
LIGHTBARS						
Legacy® Series	●			●		
Liberty™ II Series	●			●		
Freedom® IV Series		●		●		
Justice® Series	●			●		
Century™ Series			●			
Cenator™ Series	●			●		●
MINI LIGHTBARS						
Mini Legacy Series	●			●		
Mini Liberty II Series	●			●		
Mini Freedom IV Series		●		●		
Mini Justice Series	●			●		
Mini Century Series			●			
Mini Cenator Series	●			●		●
LIGHTHEADS						
ION™ Series	●			●		
ION DUO™ Series			●		●	
ION V-Series™	●		●			
ION T-Series™	●		●	●		
ION Mini T-Series	●		●		●	
LINZ6™ Series		●		●		
M2 Series				●		
M4 Series		●		●		●
M6 Series		●		●		
M7 Series		●		●		
Vertex™ Super-LED® Light	●		●			

LED Beacons

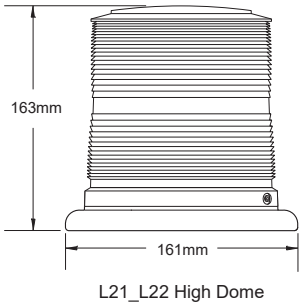
L21 & L22 Series

Features

- High and low dome models
- Polycarbonate dome
- Polycarbonate base
- Solid-state electronics
- Fully encapsulated
- Hard-coated domes



L21_L22 Low Dome



L21_L22 High Dome

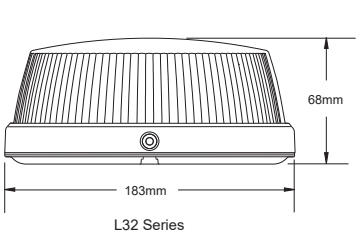
L31 & L32 Series

L31: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 2

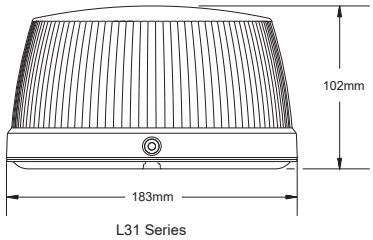
L32: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 1

Features

- High and low dome models
- Smooth polycarbonate dome
- Powder-coated die-cast base
- Solid-state electronics
- Conformal coated electronics
- Hard-coated domes
- R10 only version available



L32 Series



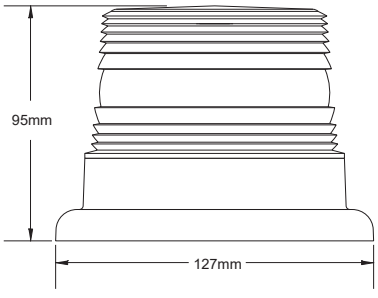
L31 Series

L51 & L53 Series

R10 5YR 12 SCAN LOCK SYNC

Features

- Polycarbonate dome
- Polycarbonate base
- Solid-state electronics
- Fully encapsulated
- Hard-coated domes



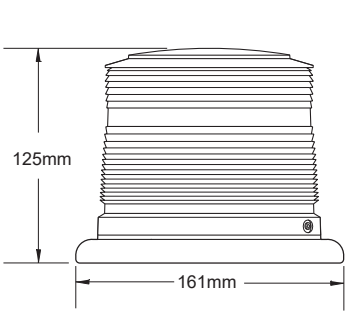
L51 & L53 Series

L10 Series

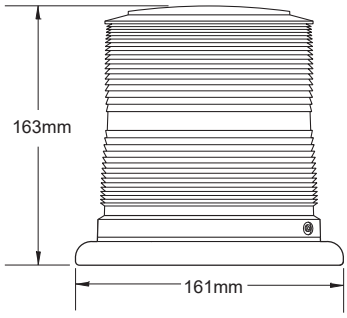
R10 5YR 12 24 SCAN LOCK

Features

- High and low dome models
- Polycarbonate dome
- Polycarbonate base
- Solid-state electronics
- Conformal coated electronics
- Hard-coated domes



L10 Low Dome

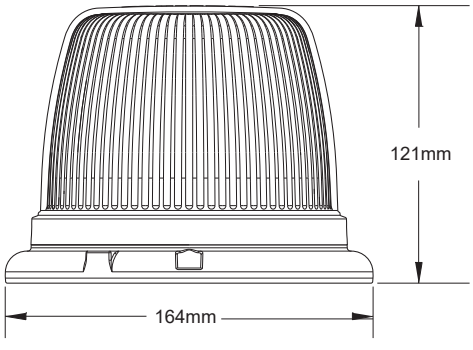


L10 High Dome

L41 Series

Features

- Smooth polycarbonate dome
- Powder-coated die-cast base
- Solid-state electronics
- Conformal coated electronics
- Hard-coated domes
- R10 only version available



L41 Series

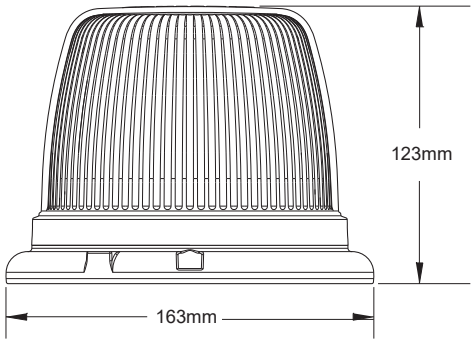
R316 & R416 Series

R316: R10 5YR 12 24 SCAN LOCK SYNC

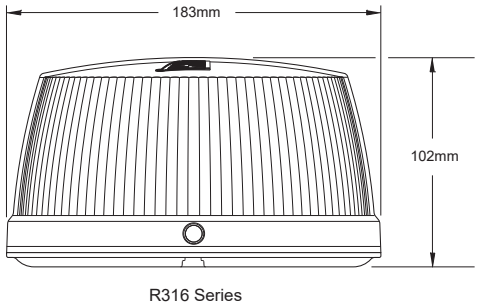
R416: R10 5YR 12 24 SCAN LOCK SYNC R65 CLASS 2

Features

- Smooth polycarbonate dome
- Powder-coated die-cast base
- Solid-state electronics
- Conformal coated electronics
- Hard-coated domes
- R10 only version available



R416 Series



R316 Series

Beacon Mounting Options

Permanent Mount

Magnetic Mount

Magnetic/Suction Mount

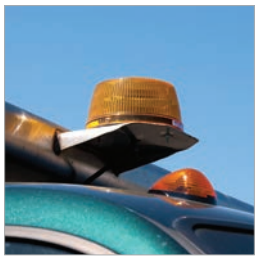
Triple Mount

Pole Mount
(Pole not included)

Motorcycle Pole Mount

Mounting Options

	Perm Mount	Mag Mount	Suction Mount	Triple Mount	Pole Mount	Motorcycle Mount
L21 Series	●	●	●		●	
L22 Series	●	●	●		●	
L31 Series	●	●	●			
L32 Series	●	●	●			
L51 Series	●	●				
L53 Series	●	●				
L10 Series	●	●	●		●	●
L41 Series	●	●	●	●	●	●
R316 Series	●	●	●			
R416 Series	●	●	●	●		



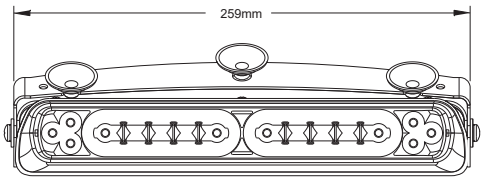
Interior Lights

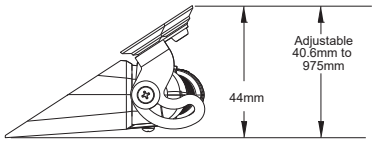
Avenger® II Series

R10 5YR 12 SCAN LOCK™

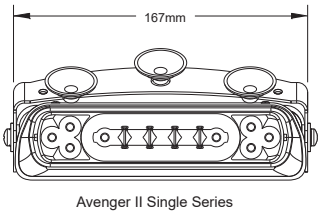
Features

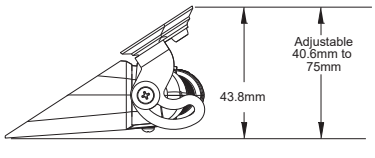
- Combination Linear/TIR LED optics
- Available in SOLO™, DUO™, or TRIO™ models
- Polycarbonate housing
- Solid-state electronics
- Conformal coated electronics
- Models include 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch





Avenger II Dual Series





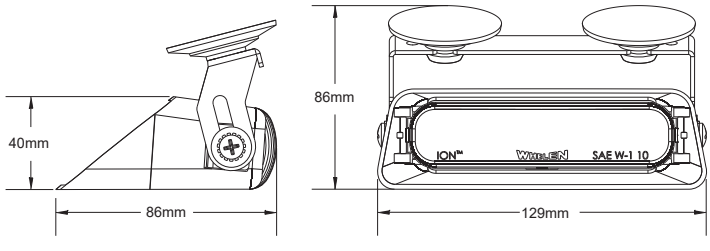
Avenger II Single Series

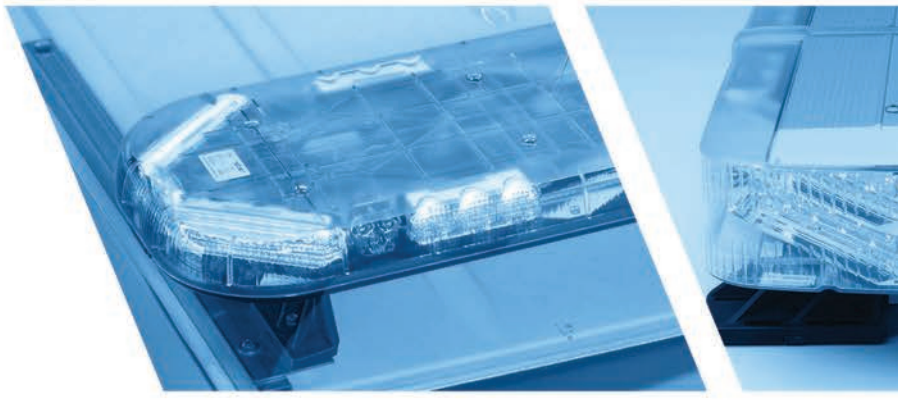
SpitFire™ ION™ Series

R10 5YR 12 SCAN LOCK™

Features

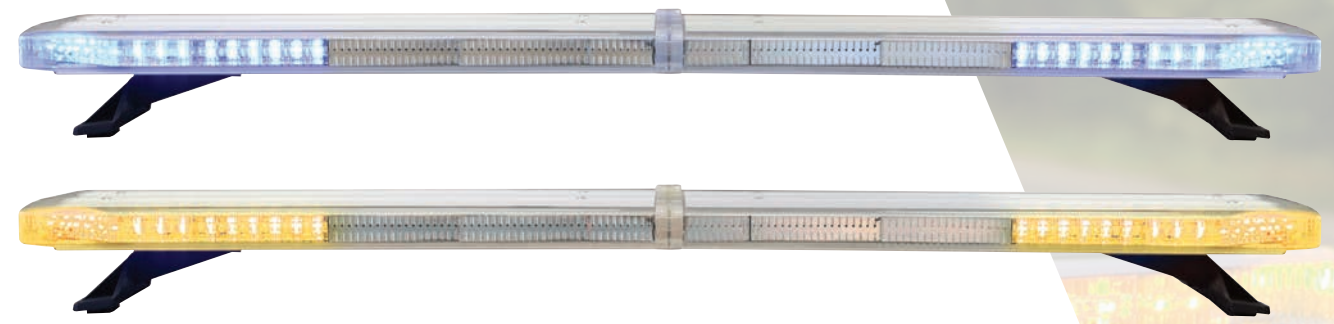
- Super-LED® Optics
- Polycarbonate housing
- Solid-state electronics
- Conformal coated electronics
- Hard-coated lenses
- Models include 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch





Lightbars

Legacy® Series



Features

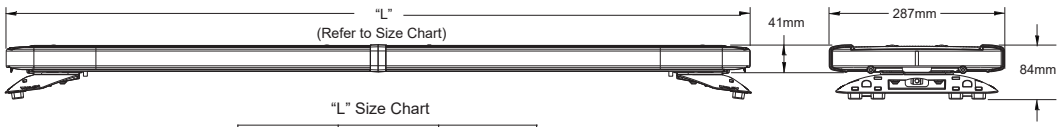
- Available in SOLO™ and DUO+™ models
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Hard-coated domes
- Available with Clear or Smoked domes
- Consult WeCad™ for available options
- R10 only version available

Options

Alley light

3-LED take-down

6-LED take-down



"L" Size Chart

1,117mm	1,2119mm	1,372mm

Liberty™ II Series

R10 5YR 12 24 LC SC WeCan CRUISE R65 CLASS 1 R65 CLASS 2

Features

- Available in SOLO™ and DUO+™ models
- Advanced Thermal Design improves LED performance 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 intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Hard-coated domes
- Available with Clear, Smoked, or color domes
- Consult WeCad™ for available options
- R10 only version available

Options

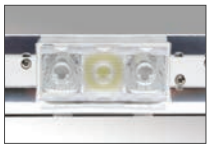
Long lighthead

12-LED take-down

Alley light

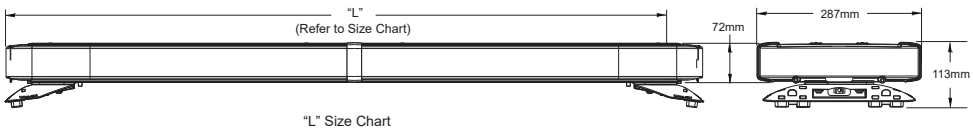
Short lighthead

6-LED take-down


ProFocus™ take-down

Filter

3-LED take-down



"L" Size Chart

1,117mm	1,219mm	1,372mm

Freedom® IV Series

R10 5YR 12 24 LC SC WeCAN CRUISE R65 CLASS 2 R65 CLASS 2

Features

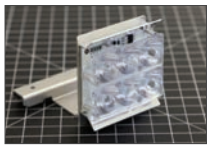
- Available in SOLO™ models
- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated domes
- Available with Clear, Smoked, or color domes
- Consult WeCad™ for available options
- R10 only version available

Options

6-LED take-down

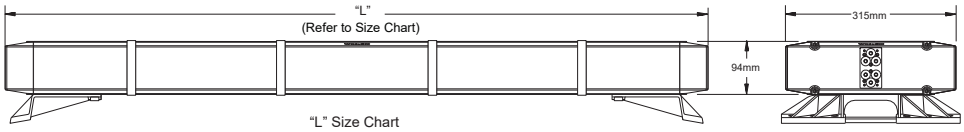
Long lighthead

Short lighthead


6-LED alley light

3-LED alley light

Filter



"L" Size Chart

1,130mm	1,251mm	1,397mm	1,524mm	1,829mm

Justice® Series

Features

- Available in SOLO™ models
- Advanced Thermal Design improves LED performance during extended operation
- Extruded aluminum platform and polycarbonate base
- Hard-coated lenses
- Easily upgraded or serviced in the field
- Available with Clear, Smoked, or color domes
- Consult WeCad™ for available options
- R10 only version available

Options

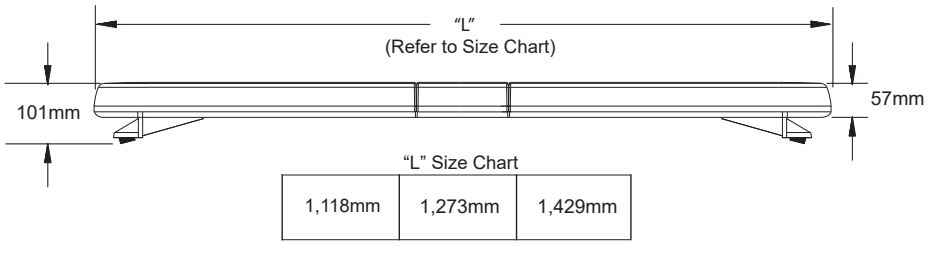
CON3™ module with spreader optics

Full LIN6™

Take-down

Alley light

Work light

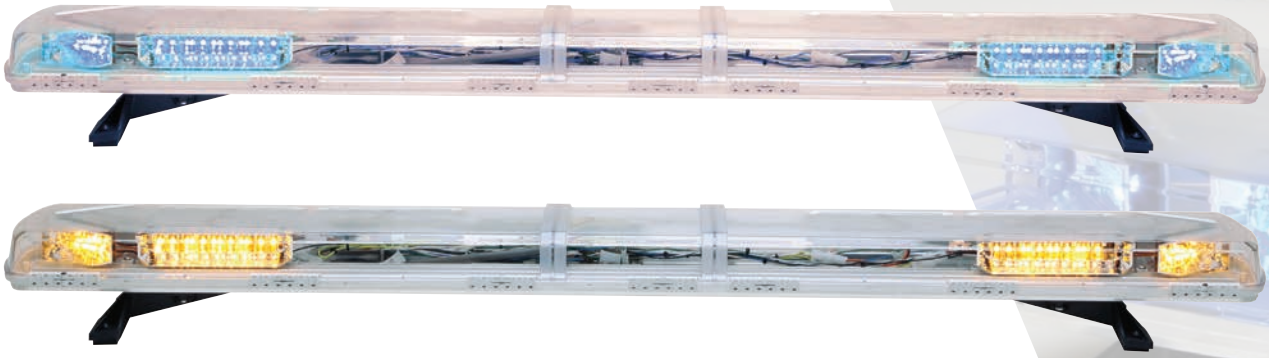


"L" Size Chart

1,118mm	1,273mm	1,429mm

Century™ Series

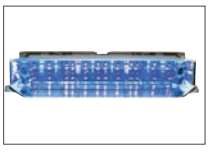
R10 5YR 12 SC SCAN LOCK R65 CLASS 1



Features

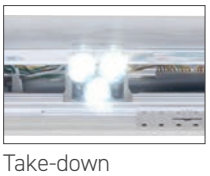
- Compression fit gaskets provide moisture resistance
- Extruded aluminum platform and polycarbonate domes
- Hard-coated domes
- Clip-Lock™ system allows easy access to lightbar for service or upgrade

Options

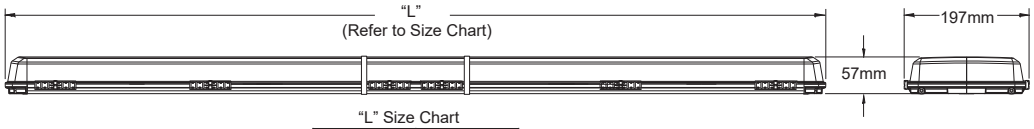


LIN6™ lighthead

Alley light



Take-down



"L" Size Chart

1,118mm	1,270mm

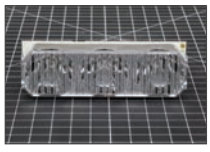
Cenator™ Series

R10 5YR 12 24 SC WeCan CRUISE R65 CLASS 1 R65 CLASS 2 R65 CLASS 2

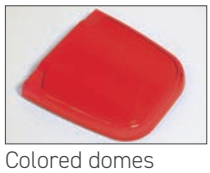
Features

- Available in SOLO™, DUO™, and TRIO™ models
- Extruded aluminum platform
- Advanced Thermal Design improves LED performance during extended operation
- Hard-coated domes
- Optional Red, Blue, or Amber internal filters
- Clear outer domes with optional color tops. Smoked domes are also available
- Consult WeCad™ for available options

Options


CON3™

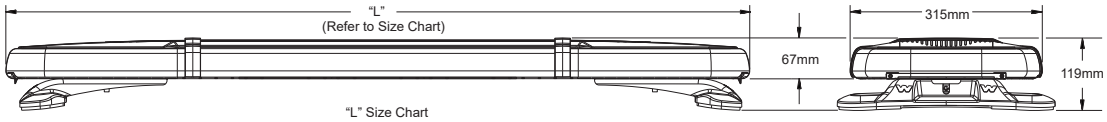
Speaker


Colored domes

LIN6™ / LIN6+™

Lighted sign

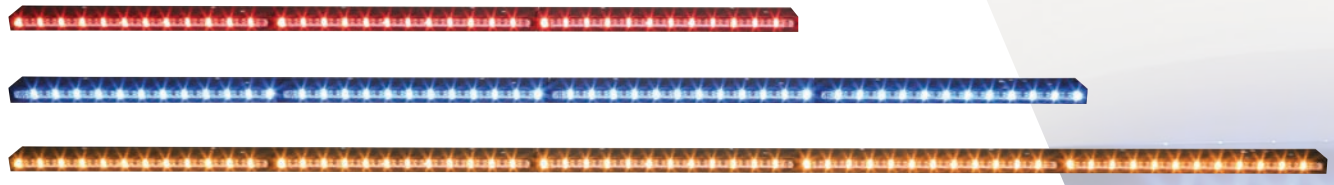
Alley light / take-down



"L" Size Chart

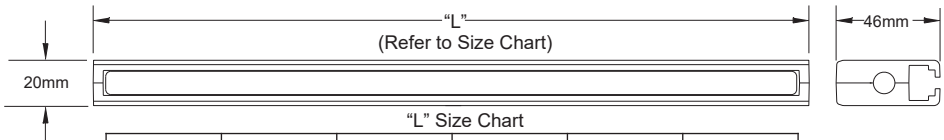
762mm	914mm	1,067mm	1,219mm	1,372mm	1,524mm

Tracer™ Series



Features

- Available in SOLO™, DUO™, or TRIO™ models
- Traffic Advisor™ included in 4-6 lamp versions
- Encapsulated, water resistant control module for exterior or interior installation
- Cruise light control includes seven adjustable intensity levels
- Hard-coated lenses
- Lighthead array features an easily serviceable clamshell design



"L" Size Chart

316mm 1 module	632mm 2 module	949mm 3 module	1,265mm 4 module	1,582mm 5 module	1,898mm 6 module

Mini Lightbars

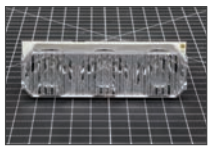
Mini Cenator™ Series

R10 5YR 12 24 SC WeCAN CRUISE R65 CLASS 1 R65 CLASS 2 R65 CLASS 2

Features

- Available in SOLO™
- Advanced Thermal Design improves LED performance 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 intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Hard-coated domes
- Available with Clear, Smoked, or color domes
- Permanent mount features a low profile mounting kit
- Magnetic mount includes 40.8 kg pull magnets

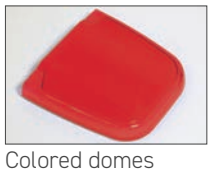
Options



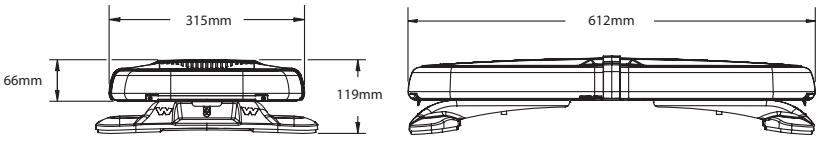
CON3™

LIN6™ / LIN6+™

Alley light / take-down



Colored domes



Mini Legacy® Series

R10 5YR 12 SC R65 CLASS 1 R65 CLASS 2

Features

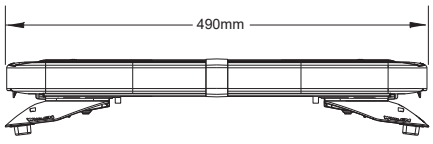
- Available in SOLO™
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Hard-coated domes
- Available with Clear or Smoked domes
- Permanent mount features a low profile mounting kit
- Magnetic mount includes 40.8 kg pull magnets
- Magnetic mount includes 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- Consult WeCad™ for available options
- R10 only version available

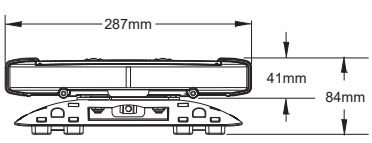
Options

Alley light

3-LED take-down

6-LED take-down





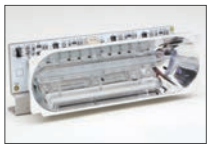
Mini Liberty™ II Series

R10 5YR 12 24 SC R65 CLASS 1 R65 CLASS 2

Features

- Available in SOLO™
- Advanced Thermal Design improves LED performance 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 intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Hard-coated domes
- Available with Clear, Smoked, or color domes
- Permanent mount features a low profile mounting kit
- Magnetic mount includes 40.8 kg pull magnets
- Magnetic mount includes 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- Consult WeCad™ for available options
- R10 only version available

Options


Long lighthead

12-LED take-down

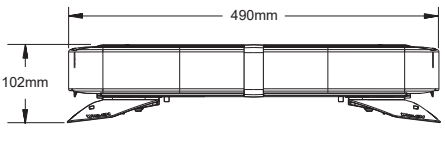
Short lighthead

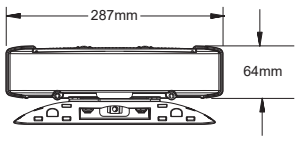
6-LED take-down

Alley light

Filter

3-LED take-down





Mini Freedom® IV Series

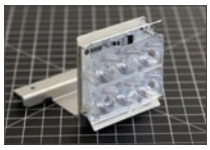
R10 5YR 12 24 SC R65 CLASS 2 R65 CLASS 2

Features

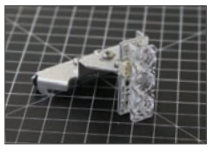
- Available in SOLO™ models
- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated domes
- Available with Clear, Smoked, or color domes
- Magnetic mount includes 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- Consult WeCad™ for available options
- R10 only version available

Options

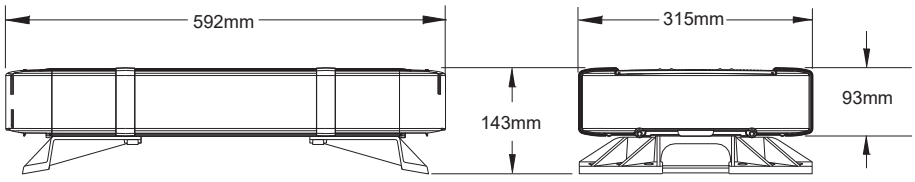
6-LED take-down


6-LED alley light

Long lighthead


3-LED alley light

Filter



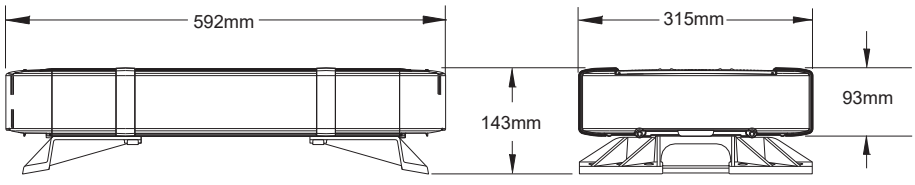
WHELEN EUROPE

Mini Freedom® IV Rota-Beam™

R10 5YR 12

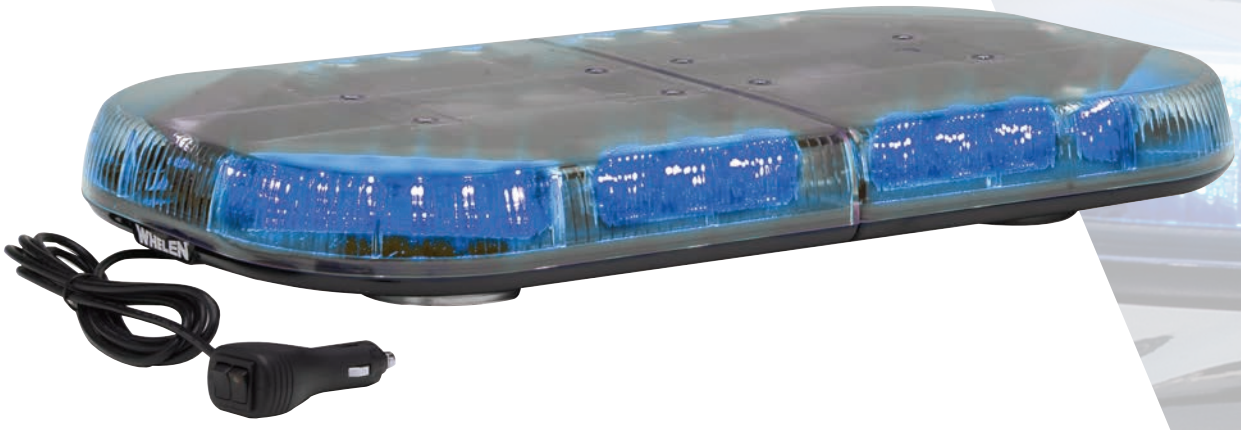
Features

- Advanced Thermal Design improves LED performance 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
- Hard-coated domes
- Permanent mount includes 4.5m cable
- Magnetic mount includes 40.8 kg pull magnets
- Magnetic mount includes 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- Clear outer domes and filters standard (available with color domes and filters)
- Consult WeCad™ for available options



Mini Justice® Series

R10 5YR 12 24 SC R65 CLASS 1 R65 CLASS 2



Features

- Available in SOLO™ models
- Advanced Thermal Design improves LED performance during extended operation
- Extruded aluminum platform and polycarbonate base
- Hard-coated domes
- Easily upgraded or serviced in the field
- Available with Clear, Smoked, or color domes
- Magnetic and magnetic/suction mount models include 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- Consult WeCad™ for available options
- R10 only version available

Options

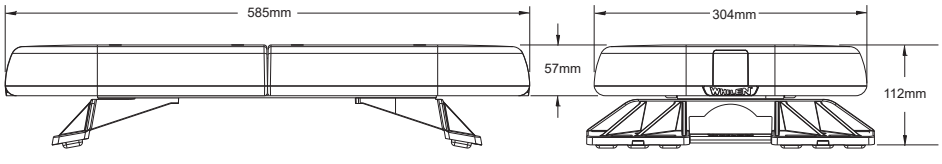
CON3™ module with spreader optics

Full LIN6™

Work light

Take-down

Alley light

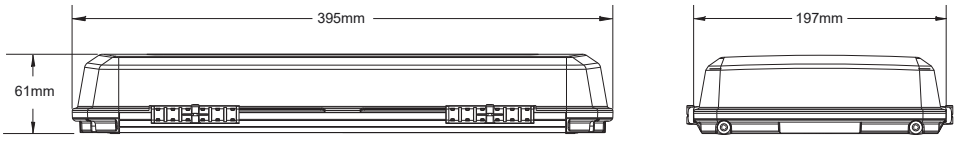


WHELEN EUROPE

Mini Century™ Series

Features

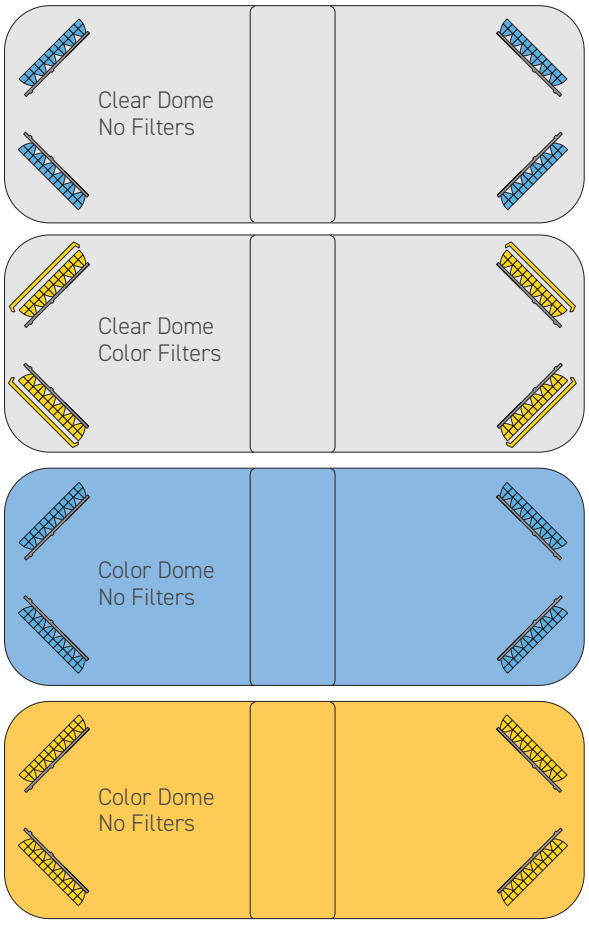
- Hard-coated domes
- Extruded aluminum base
- Standard current switching
- Low profile with compression fit gasket for superior moisture resistance
- Clip-Lock™ system allows easy access to lightbar for service or upgrade
- Magnetic mount includes 40.8 kg pull magnets
- Magnetic and magnetic/suction mounts models include 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch



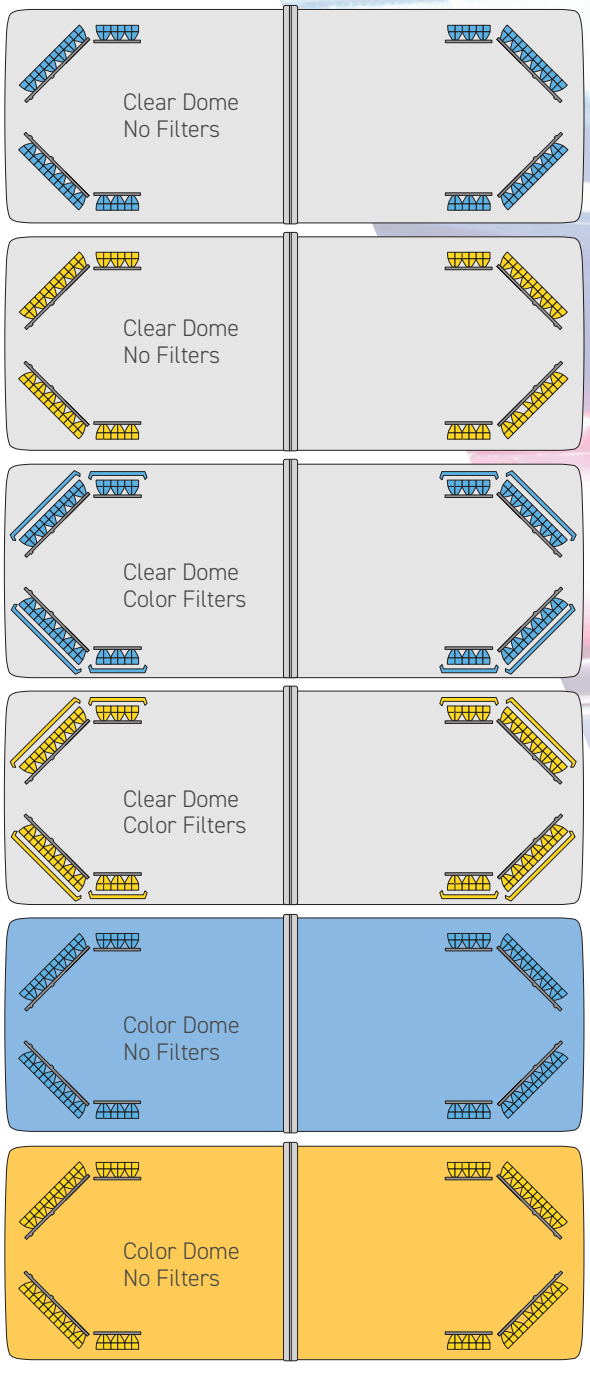
Minimum R65 Configuration Requirements

Available in all standard and mini sizes

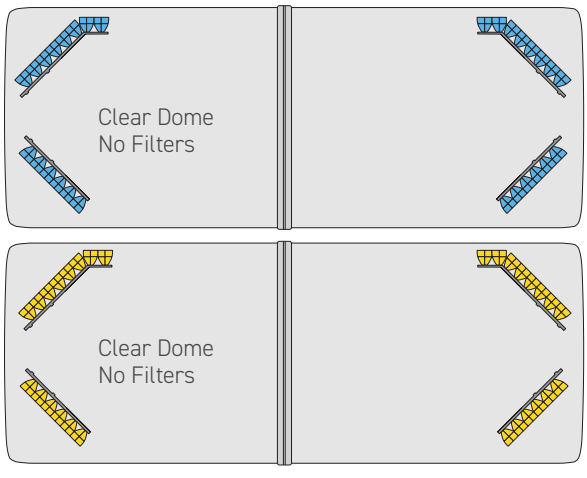
Justice®



Liberty II™



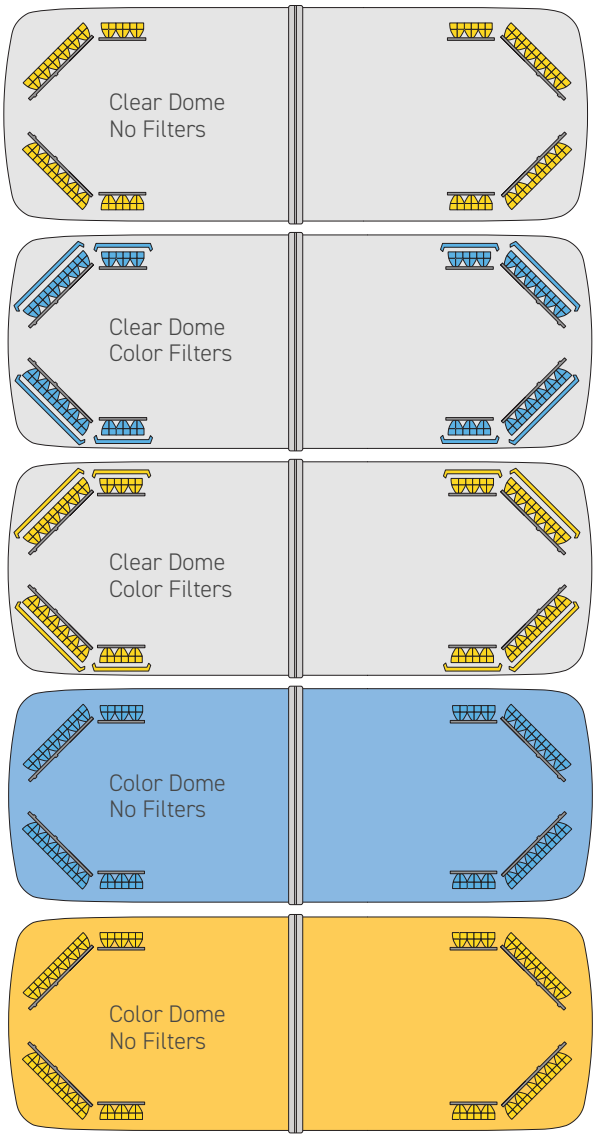
Legacy®



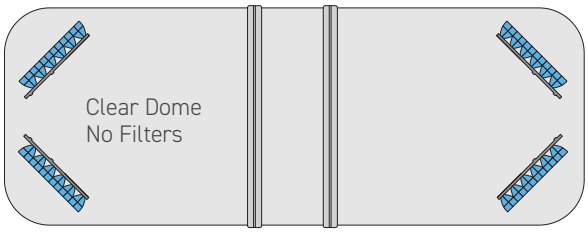
Minimum R65 Configuration Requirements

Available in all standard and mini sizes

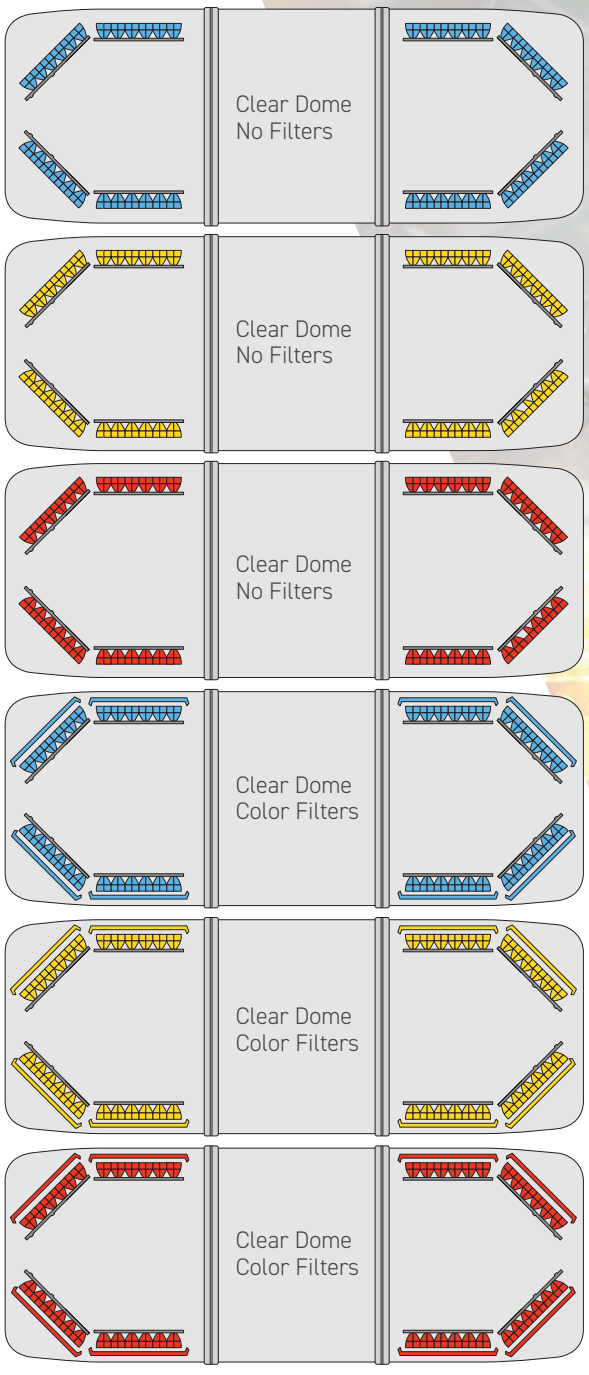
Freedom® IV



Century™



Cenator™



Traffic Advisor

Traffic Advisor Super-LED®

R10 5YR 12 24 SCAN LOCK™

TAC8 Super-LED Traffic Advisor

Control Head Included

Dominator™ TIR3™ Super-LED Traffic Advisor
- Internal flasher
- Customer supplied switching

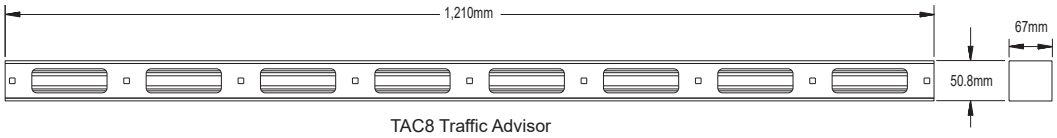
Optional Control Head

TIR3 Super-LED Traffic Advisor

Control Head Included

Features

- Interior or exterior applications
- Extruded aluminum housing
- Fully encapsulated
- Hard-coated lenses
- Left arrow, right arrow, split arrow, and warning functions



TAC8 Traffic Advisor

Lightheads

ION™ Series Lightheads

SOLO™: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 1 R65 CLASS 2

DUO™: R10 5YR 12 SYNC SCAN LOCK R65 CLASS 1 R65 CLASS 1

TRIO™: R10 5YR 12 SYNC SCAN LOCK

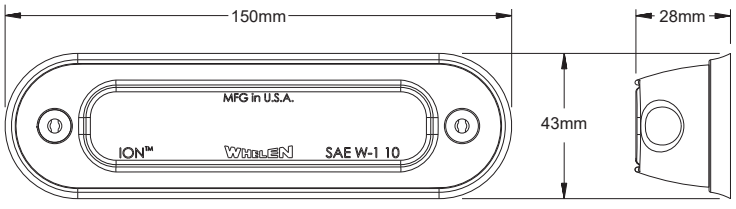
SOLO

DUO

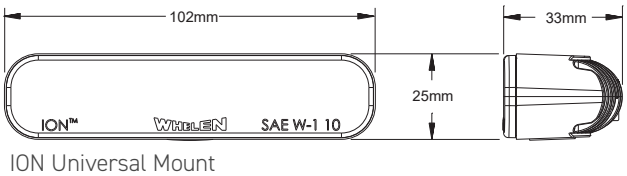
TRIO

Features

- SOLO models available in single or split colors
- DUO and TRIO models feature Linear-LED® optics
- Hard-coated lenses
- Available with Smoked lenses
- R10 only version available



ION Surface Mount



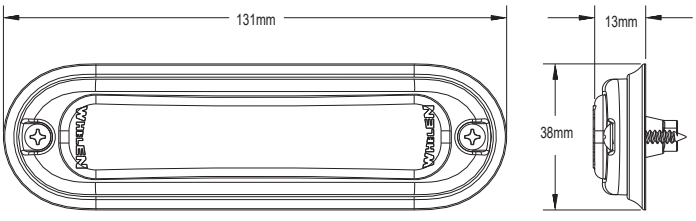
ION Universal Mount

ION™ T-Series™

R10 5YR 12 SYNC IP67 SCAN LOCK R65 CLASS 1 R65 CLASS 1 R65 CLASS 2

Features

- Linear Super-LED® optics
- Available in SOLO™ or DUO™ models
- SOLO models available in single or split colors
- Hard-coated lenses
- Easily surface mounts with two screws
- Includes Black flange
- Available with Smoked lenses
- R10 only version available

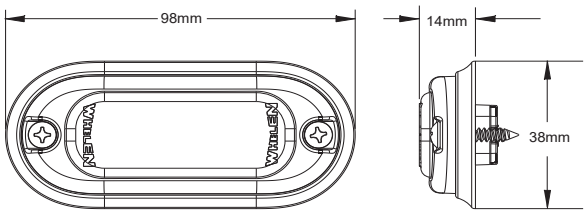


ION Mini T-Series

R10 5YR 12 24 SYNC IP67 SCAN LOCK R65 CLASS 1 R65 CLASS 1 R65 CLASS 1

Features

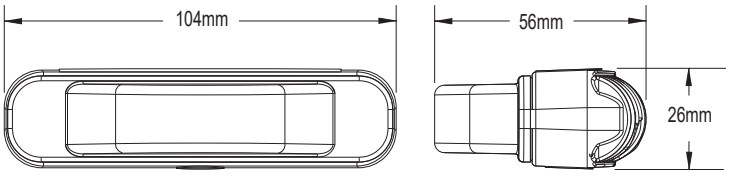
- Linear Super-LED optics
- Hard-coated lenses
- Easily surface mounts with two screws
- Includes Black flange
- Available with Smoked lenses
- R10 only version available



ION™ V-Series™

Features

- Available in 3-in-1 combination warning, spotlight, and ground illumination light or in single color warning only models
- Single color models have combination 180° and TIR directional warning
- Black, White, or Chrome housing
- Hard-coated lenses
- Available with Smoked lenses
- R10 only version available



LINZ6™, LIN3™, & TIR3™ Series

LINZ6: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 2 R65 CLASS 2

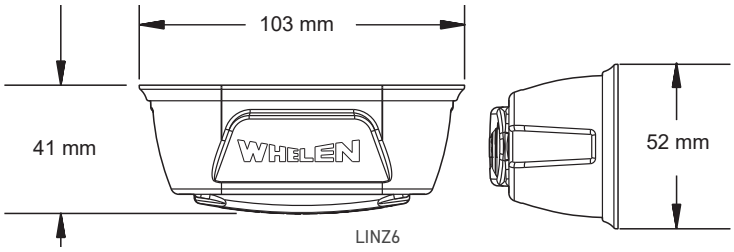
LIN3: R10 5YR 12 SYNC SCAN LOCK

TIR3 R10 5YR 12 SYNC SCAN LOCK

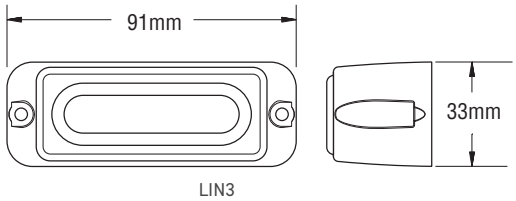
Features

- Includes Black polycarbonate mounting flange
- Fully encapsulated*
- Hard-coated lenses

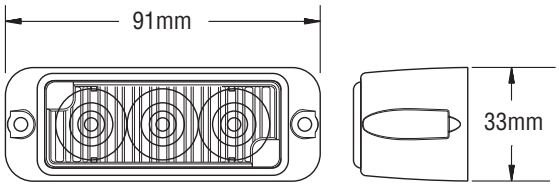
*LINZ6 sealed with LIM (liquid injection molded) seal



LINZ6



LIN3



TIR3

M Series

M2: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 2

M4: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 2 R65 CLASS 2 R65 CLASS 2

M6 & M7: R10 5YR 12 24 SYNC SCAN LOCK R65 CLASS 2 R65 CLASS 2

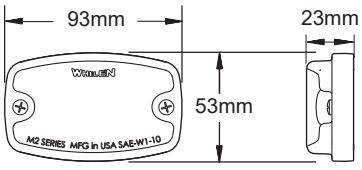
M9: R10 5YR 12 24 SYNC SCAN LOCK

Features

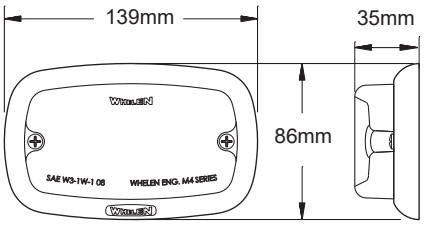
- Available in single or split colors
- Available with Clear or color lenses
- Available in steady-burn or with an internal flasher
- Hard-coated lenses
- Surface mounts via two screws for easy installation
- A variety of mounting brackets and optional Chrome or Black flanges are available
- R10 only version available

M Series

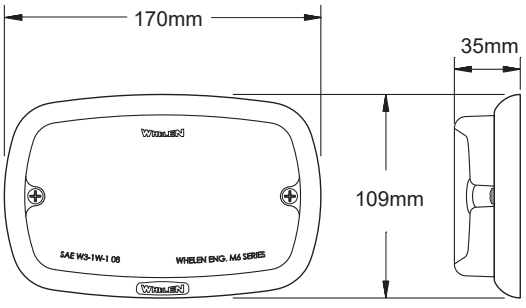
M2



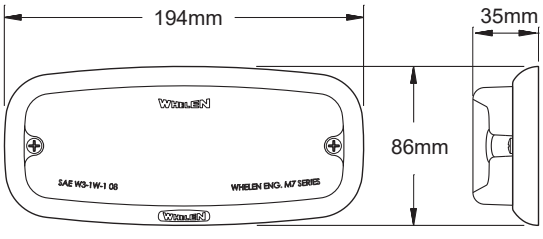
M4



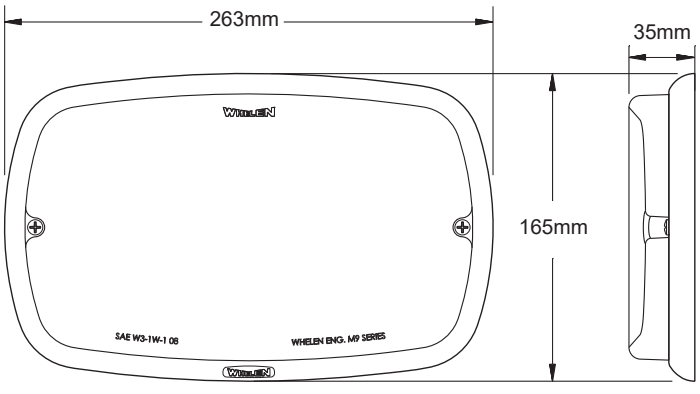
M6



M7



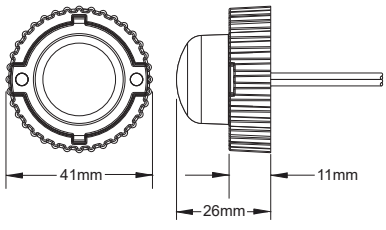
M9

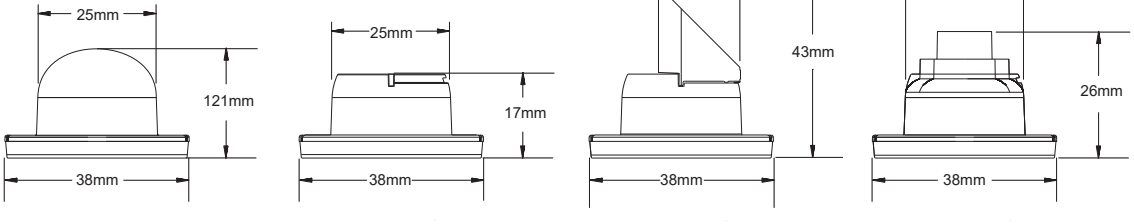


Vertex™ Series

Features

- Self-contained light with in-line lamp driver
- Available as an omni-directional, side emitter, or directional lighthead
- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Fully encapsulated
- Hard-coated lenses
- Clear outer lens, color LEDs
- Available with Smoked lenses
- R10 only version available

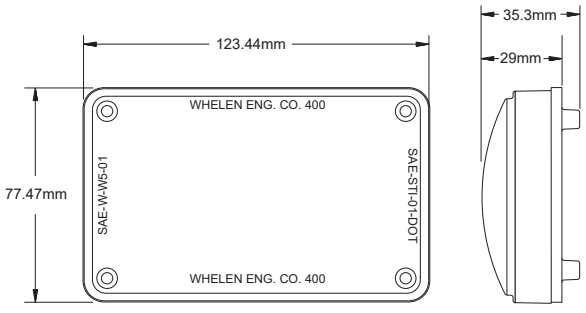




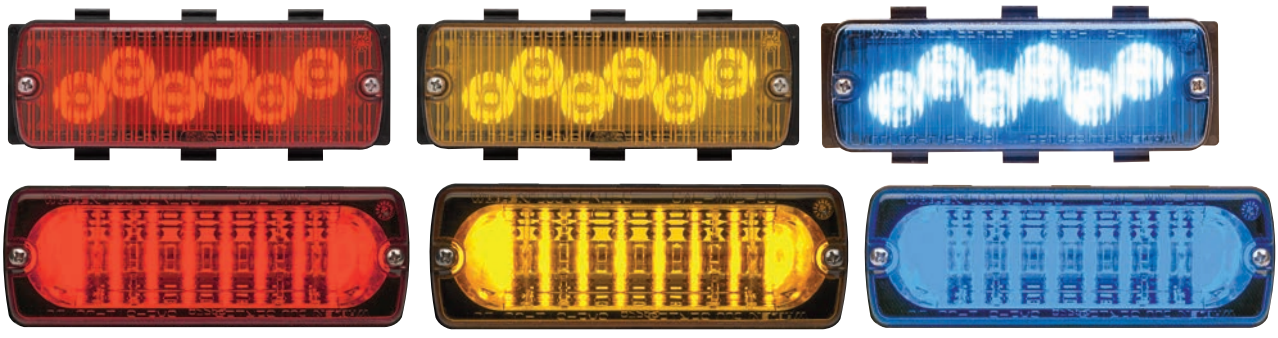
400 Series

Features

- Linear Super-LED® available in single or dual level warning
- Fully encapsulated
- Hard-coated lenses
- Available with Clear or color lenses
- Consult current price list for required mounting hardware

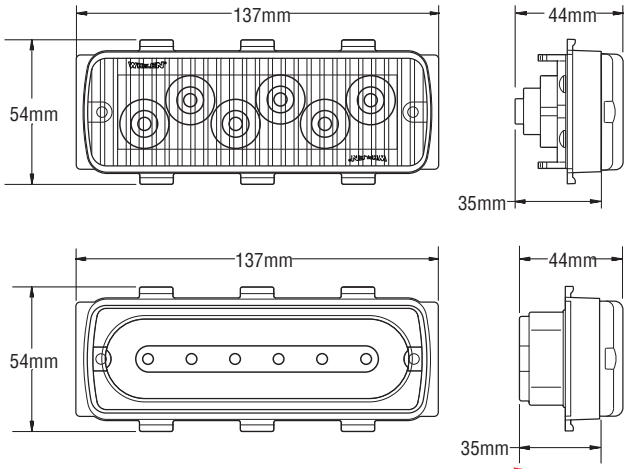


500 Series



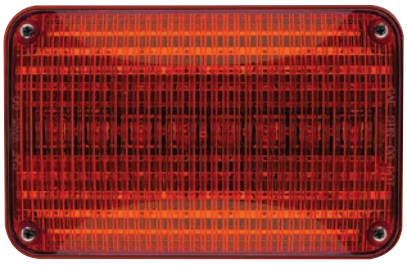
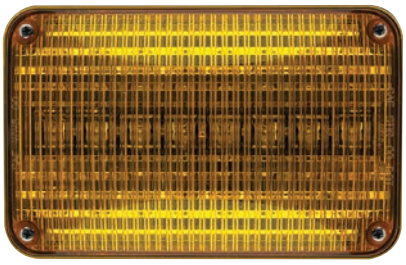
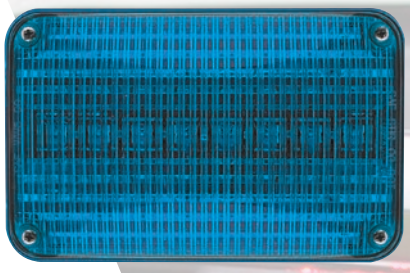
Features

- Available with Linear Super-LED or TIR6™ optics
- Fully encapsulated
- Hard-coated lenses
- Available with Clear or color lenses
- Consult current price list for required mounting hardware



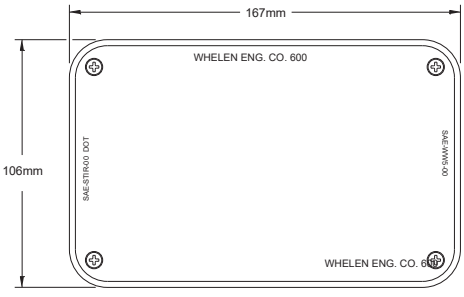
600 Series

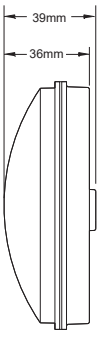
R10 5YR 12 SCAN LOCK

Features

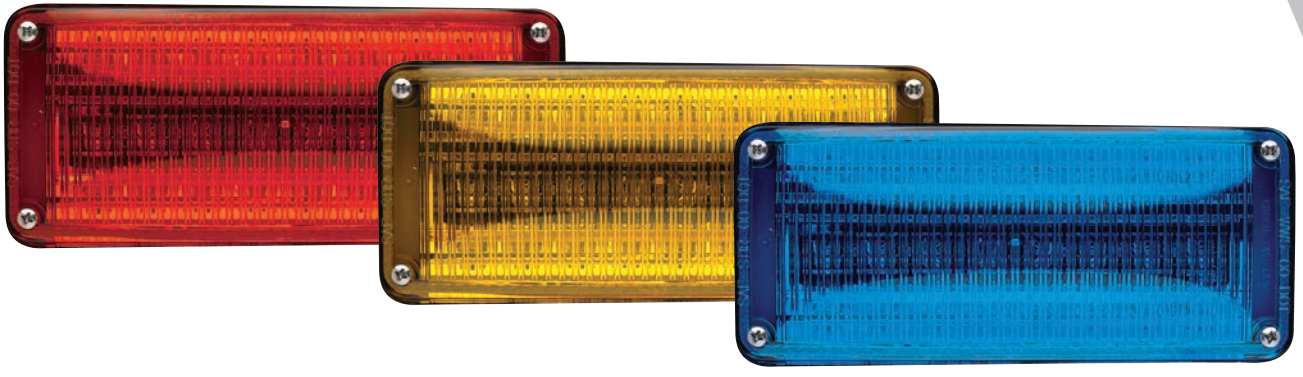
- Linear Super-LED®
- Surface mount
- Available with Clear or color lenses





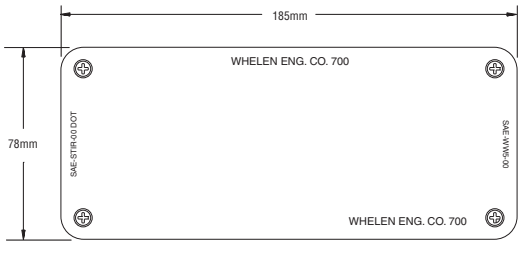
700 Series

R10 5YR 12 SCAN LOCK

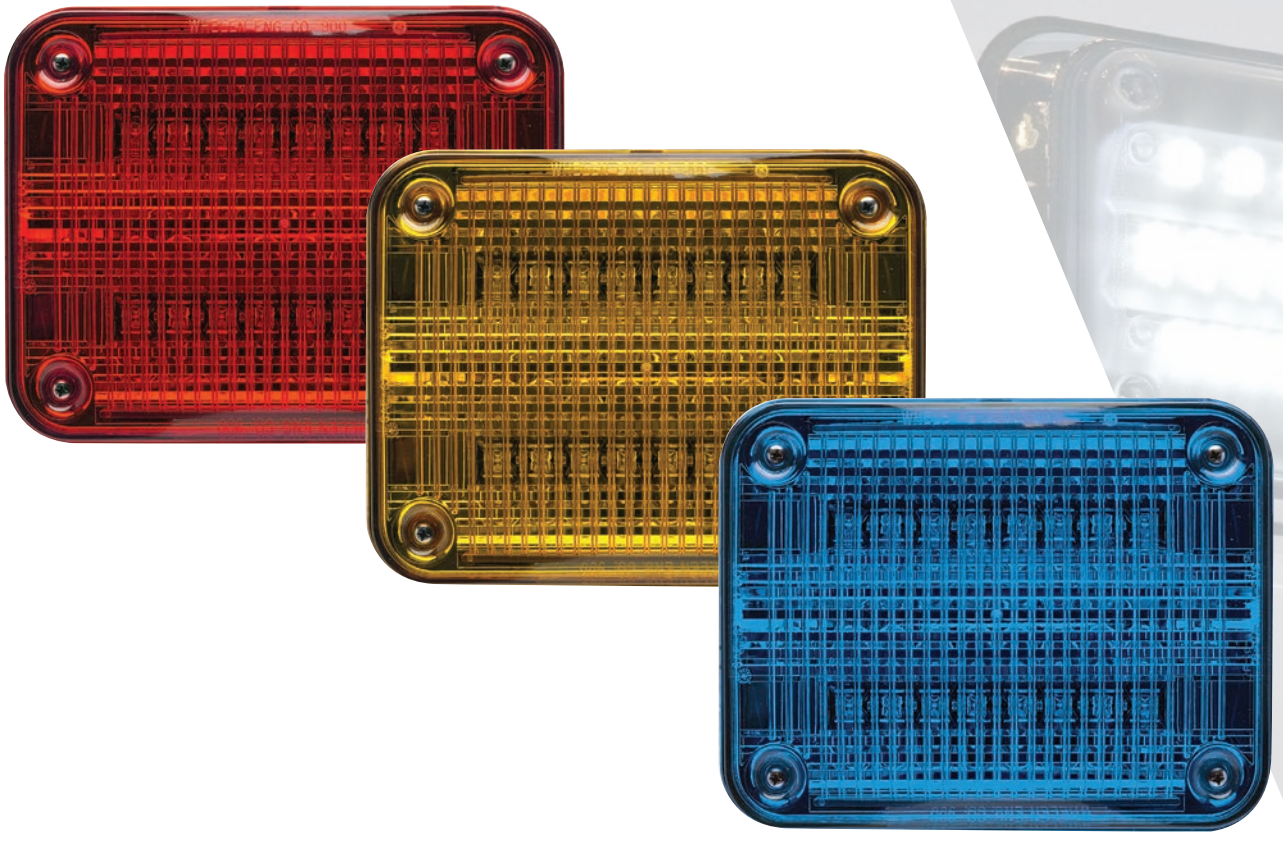


Features

- Linear Super-LED
- Surface mount
- Available with Clear or color lense

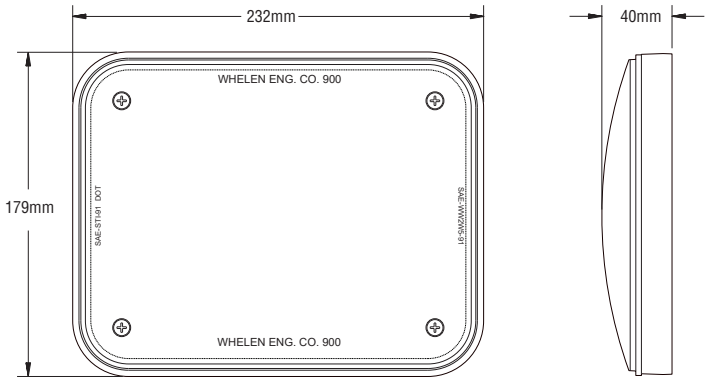


900 Series



Features

- Linear Super-LED®
- Surface mount
- Available with Clear or color lenses



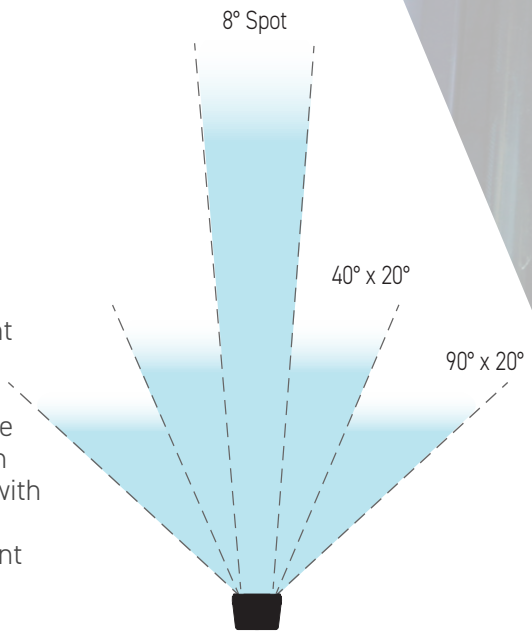
Illumination Lights

Pioneer Micro™

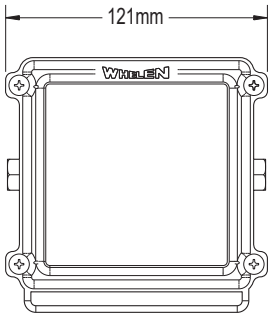
R10 5YR 12 24 IP67

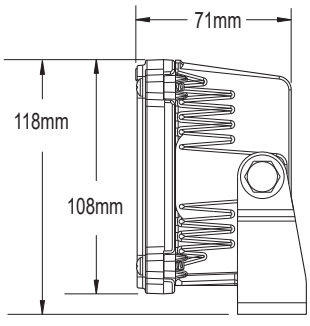
Features

- 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 and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 1,830mm cable
- Five mounts available:
  - Powder-coated stainless steel bail bracket with 9.53mm stud carriage bolt mount
  - Recessed 90° angle mount with Chrome flange
  - Recessed 15° angle mount with Chrome flange
  - Pole/pedestal mount with handle available with or with out On/Off switch
  - Low profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch



Light Spread



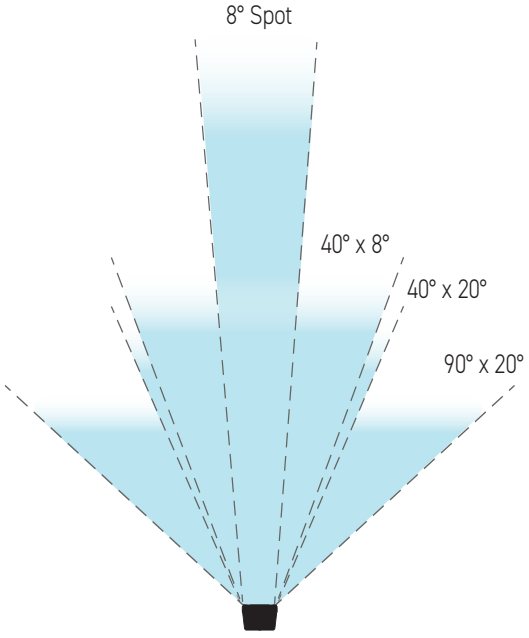


Pioneer Nano™

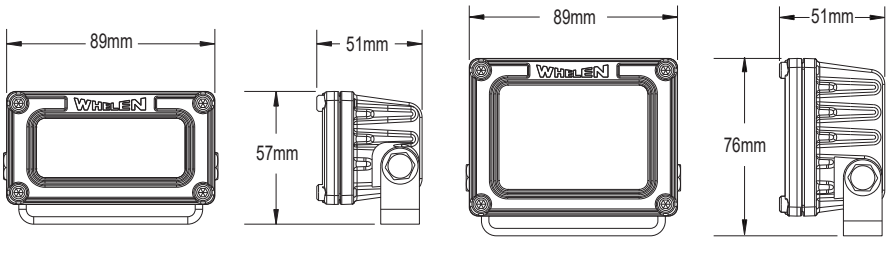
R10 5YR 12 24 IP67

Features

- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern choice of:
  - 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 1,830mm cable
- Powder-coated stainless steel bail bracket with 9.53mm stud carriage bolt mount



Light Spread



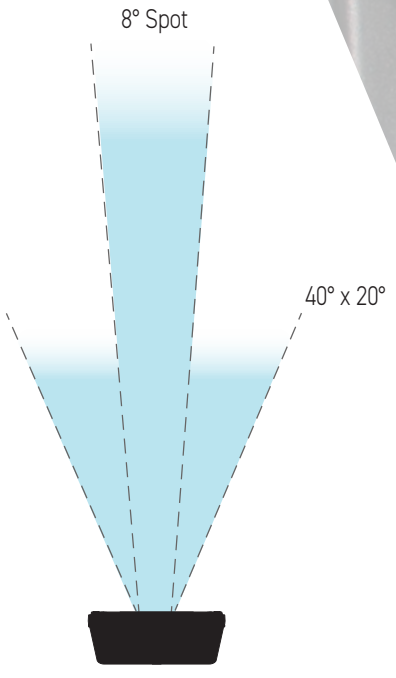
Nano 3 Nano 6

Pioneer SlimLine™

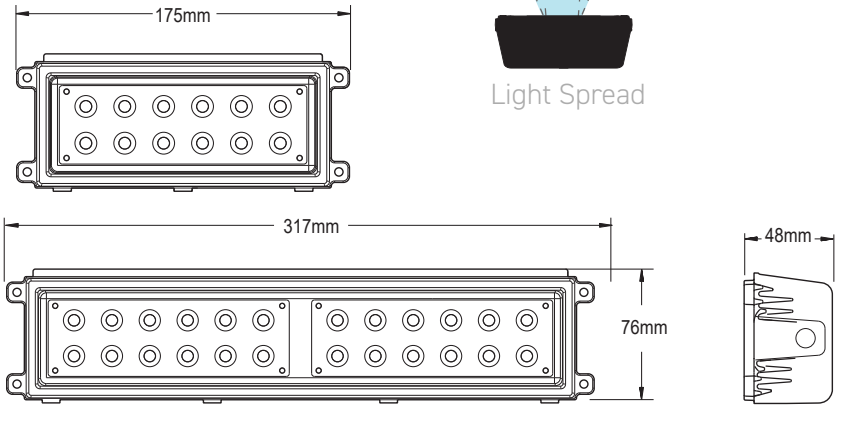
R10 5YR 12 24 IP67

Features

- Available in single or dual models
- 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 and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 1,830mm cable
- Powder-coated stainless steel bail bracket

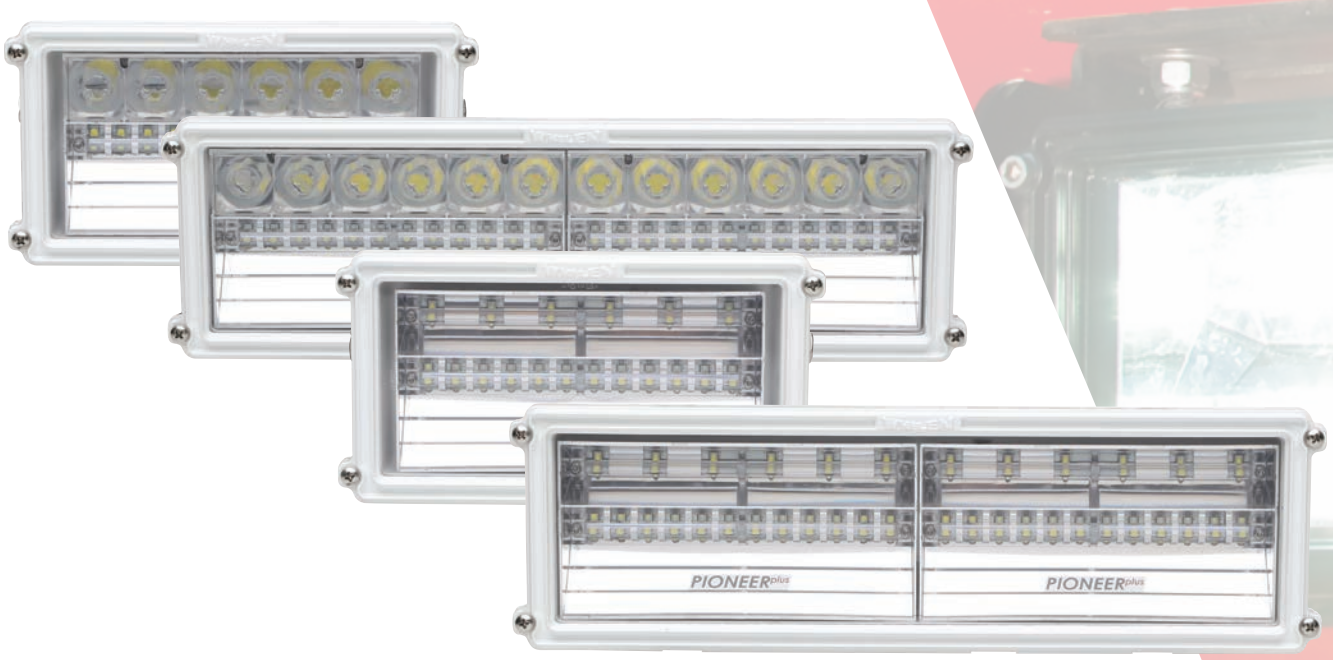


Light Spread



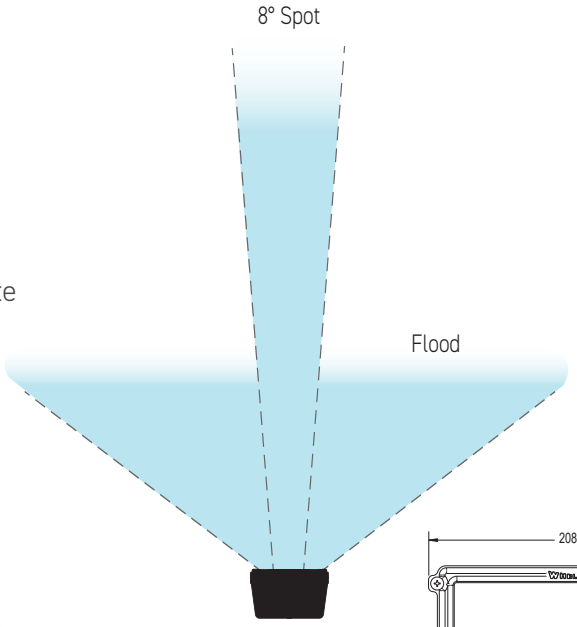
Pioneer Plus™

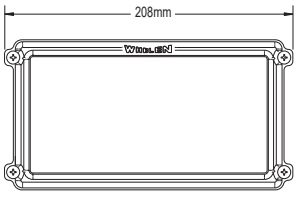
R10 5YR 12 24 120 IP67 UL

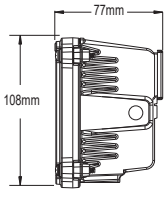


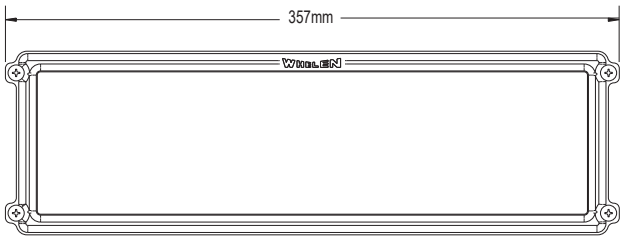
Features

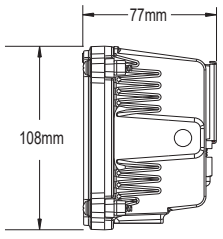
- Available in single and dual models
- Pioneer Plus Combination Floodlight/ Spotlight features Proclera® Optic Technology
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models includes 6,100mm cable, AC models include 310mm wire leads









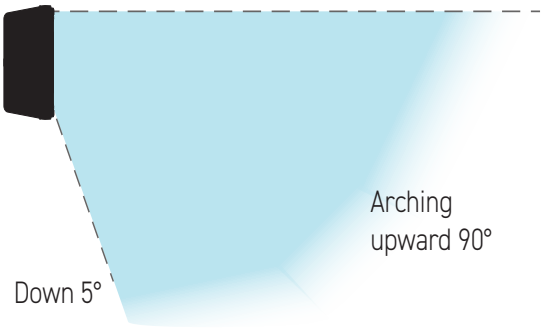


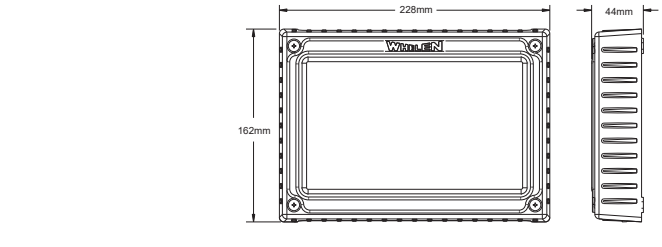
Pioneer Plus™ Surface Mount

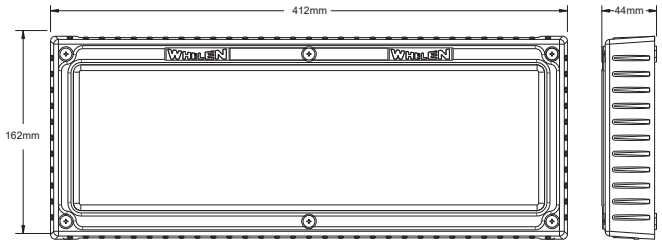
Features

- Available in single and dual models
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 610mm cable
- Surface mount:
  - Requires no body cut-outs
  - Built-in nylon screw grommets eliminate galvanic corrosion
  - Uniquely designed silicone grommet seals the 25.4mm wire entry into the body
  - Available with Chrome or Black flange

Light Spread







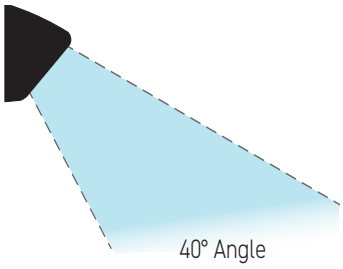
Perimeter Enhancement Light

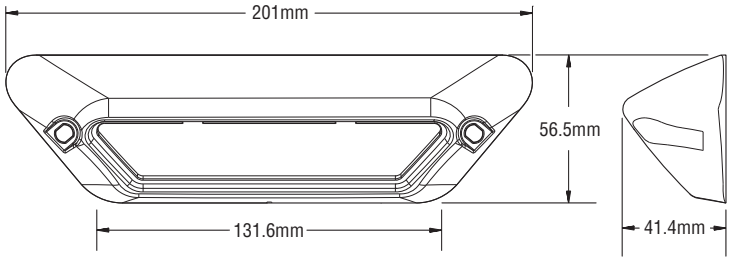
R10 5YR 12 24

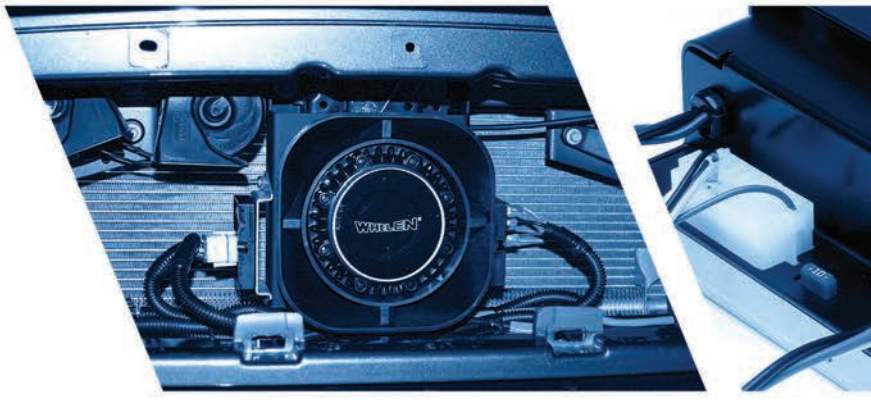
Features

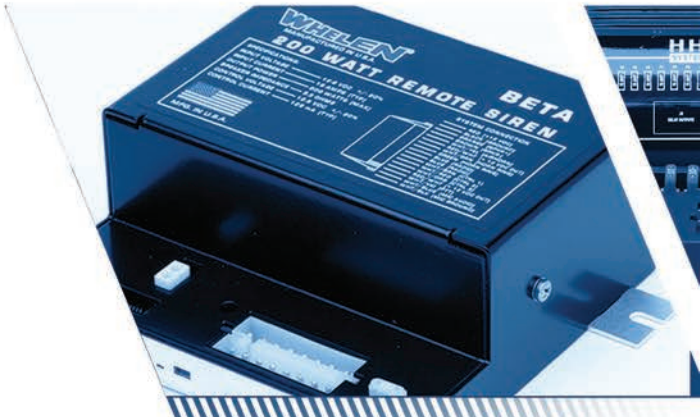
- Six diode Super-LED® module
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Light is projected downward at a 40° angle
- Chrome, Black, Red, Amber, or White polycarbonate housing
- Supplied with 150mm pigtail

Light Spread









Sirens & Speakers

HHS3200 & HHS4200

R10 2YR 12 24 100 200 FREE

Features

- Windows® based programming software for full customization and configuration
- Three control heads available
- Nine 10 amp relay outputs

Amplifier Module

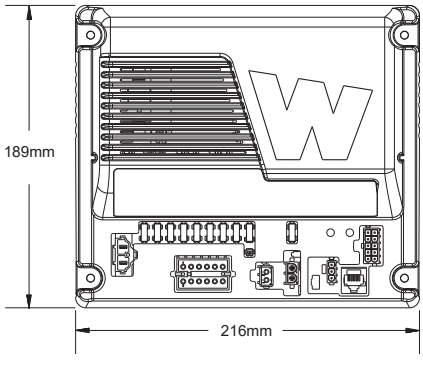
- Durable Black molded housing
- Wail, Yelp, Piercer, Manual Siren, and Airhorn tones are preset standard
- 65 total tones, including mechanical tones
- Includes 7m interconnect cable
- External spade-type fuses

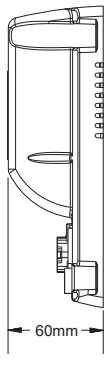
3200

- Compatible with low current or high current products, or any light with a built-in flasher

4200

- Includes WeCan® port that supports WeCan lightbars, or WeCan external amplifier

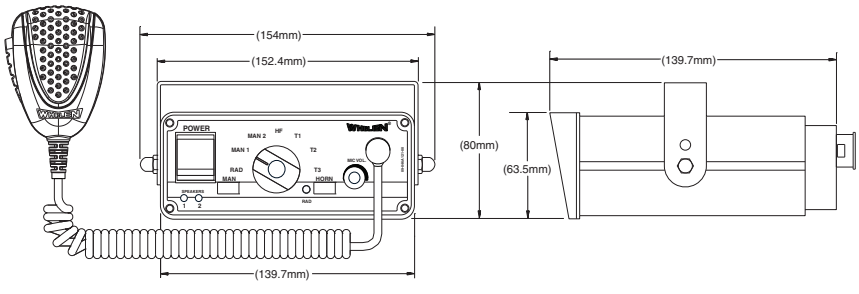




295 Series Electronic Sirens

Features

- Combination On/Off and horn ring transfer switch
- Solid-state over/under voltage shutdown and output short circuit protection
- Input polarity protection
- Models available with SI TEST®, a silent, self-diagnostic indicator of siren or speaker failure
- Recess or bail bracket for under dash mounting. Adjustable bail bracket allows mounting in a variety of positions

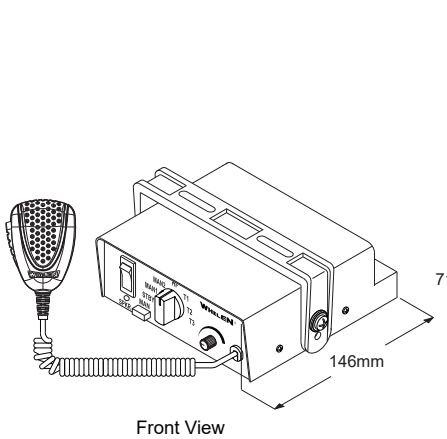


Epsilon™ Series

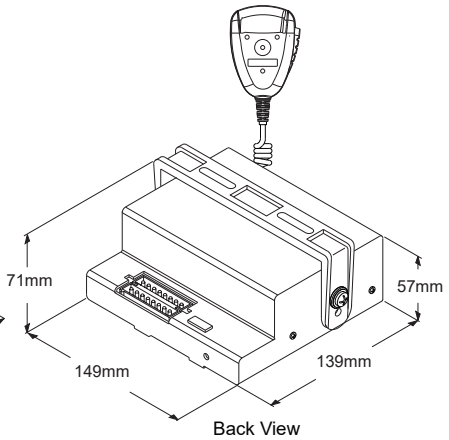
R10 | 2YR | 12 | 100 | 200 | FREE

Features

- Seven position rotary switch
- Includes SI-TEST®, a silent, self-diagnostic indicator of siren or speaker failure
- Front of unit provides a PA volume control knob for the noise-cancelling microphone, On/Off switch, manual button, and seven position rotary switch
- Pre-wired with quick disconnect plug
- Short circuit protection
- Programmable outputs



Front View



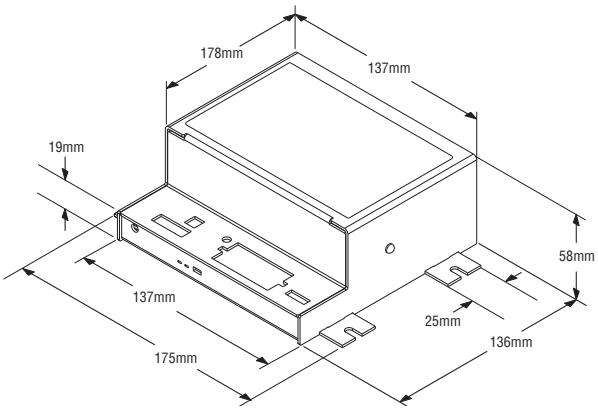
Back View

Beta™ Siren Amplifier

R10 2YR 12 200 FREE

Features

- Public address and radio repeat functionality
- PA override in all functions
- 16 Siren tones available, including Wail, Yelp, Piercer, High-Low, B-Wail, B-Yelp, B-Hi/Low and AirHorn tones
- Conveniently accessible dip switches on remote amplifier allows instant configuration of eight modes of operation
- Pre-wired with quick disconnect plug

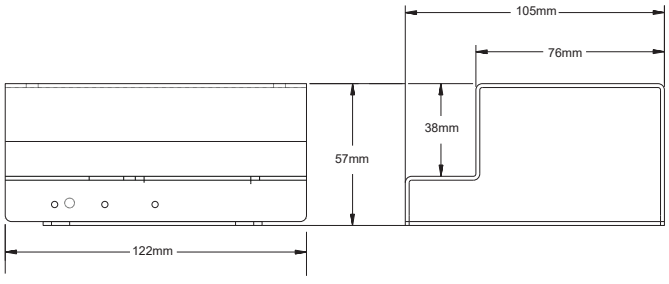


Euro Siren Amplifier

R10 2YR 12 24 200 FREE

Features

- Control siren tone through horn ring or separate switches
- Harmonically rich composite Airhorn tones
- Output open/short circuit protection
- Easy installation. Pre-wired with quick disconnect plugs for easy service and fast replacement

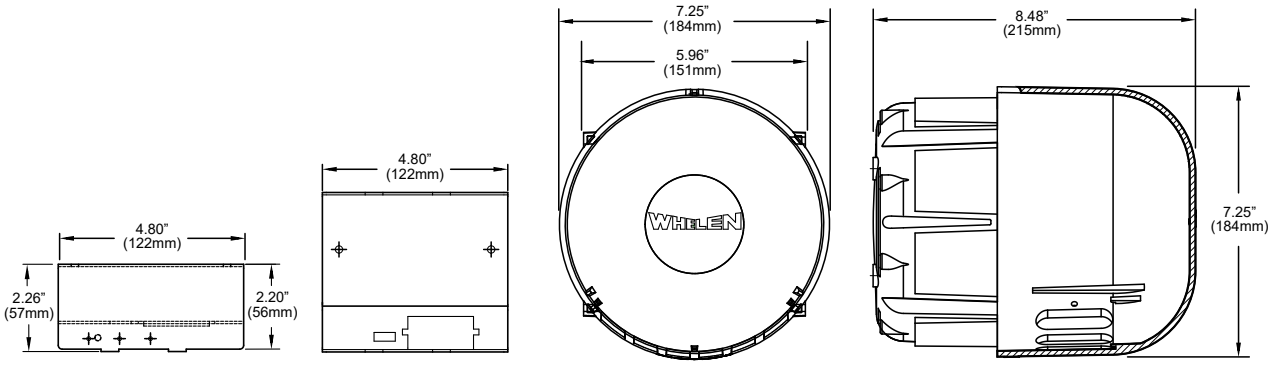


Howler™ Siren System

R10 2YR 12 24 100 200

Features

- Low frequency siren and speaker system
- Provides deep tones to penetrate other vehicles
- Howler is an add-on to any 100/200 watt siren amplifier and is not a replacement to the vehicles primary siren
- Uses low frequency tones to synchronize with the vehicles primary siren tones
- Works with any sweeping, Hi/Low, or electronic mechanical tones generated by the primary siren
- Certain vehicle models may utilize single or dual speaker systems



WHELEN EUROPE

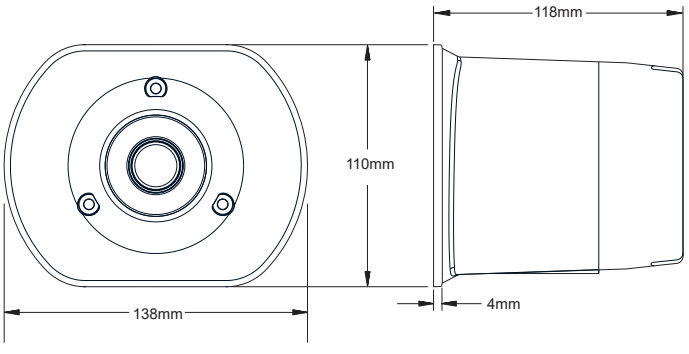
WSSC30 Speaker

R10 2YR 12 30 FREE

Features

- Combination siren and speaker in a single unit
- Four modes of operation
- 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
- Housing and water-resistant connectors provide vibration and moisture resistance
- Motorcycle switch available

Optional motorcycle switch

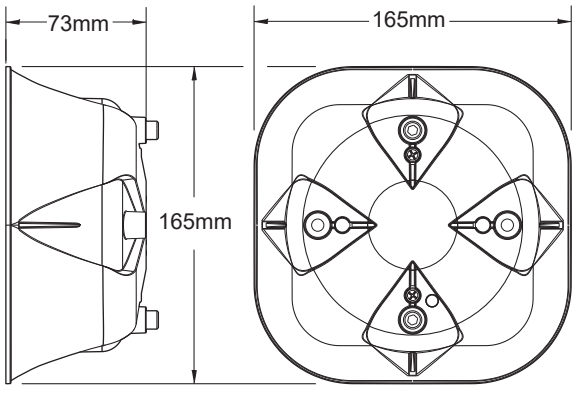


SA315 Projector™ Series

R10 2YR 100

Features

- All-weather nylon composite housing with front loaded, powder-coated speaker driver
- Optimum performance assured when used with all Whelen high-power electronic sirens
- Easily installs to the radiator cross member
- Universal mounting bracket



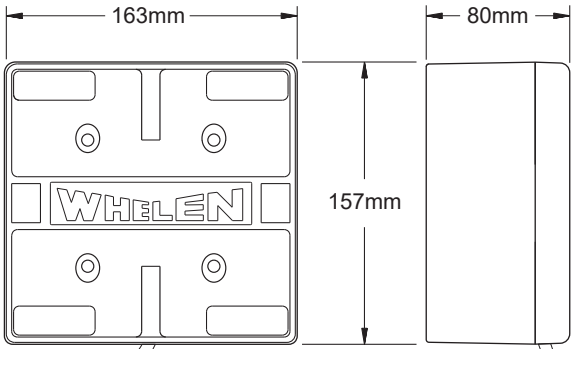
WHELEN EUROPE

SA314 Projector Speaker

R10 2YR 100

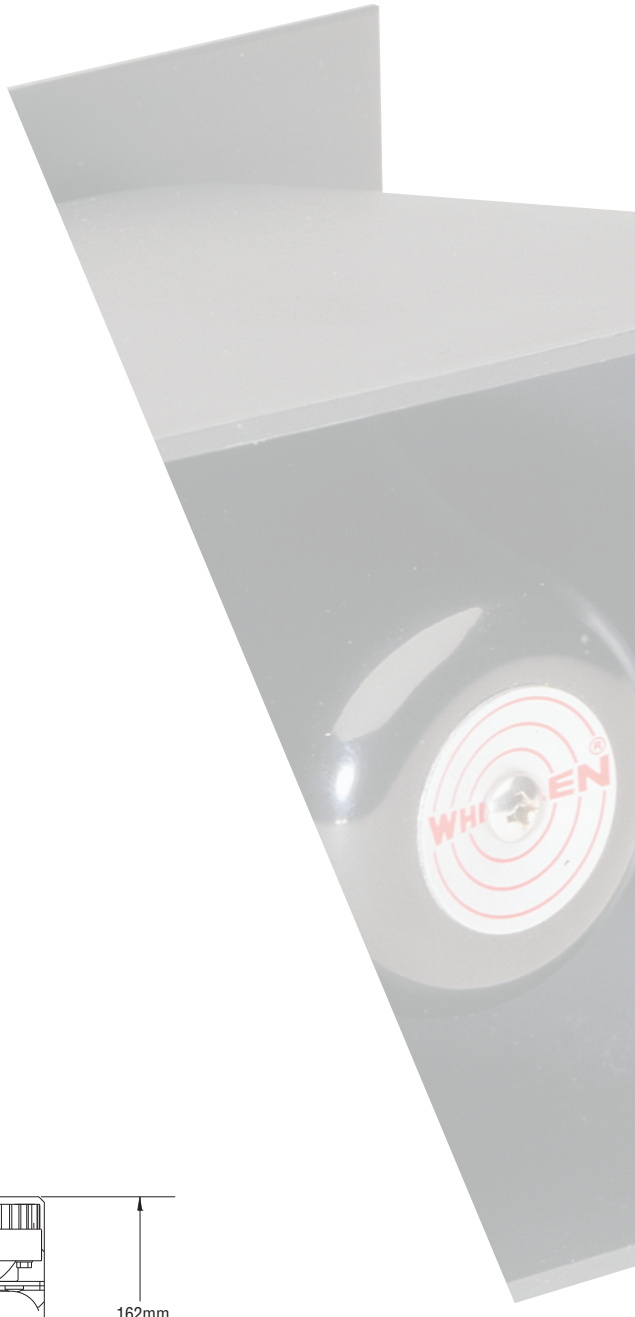
Features

- All weather, non-corrosive cast aluminum housing
- Optimum performance assured when used with all Whelen high-power electronic sirens
- Easily installs to the radiator cross member
- Universal mounting bracket
- Field replaceable driver and diaphragm



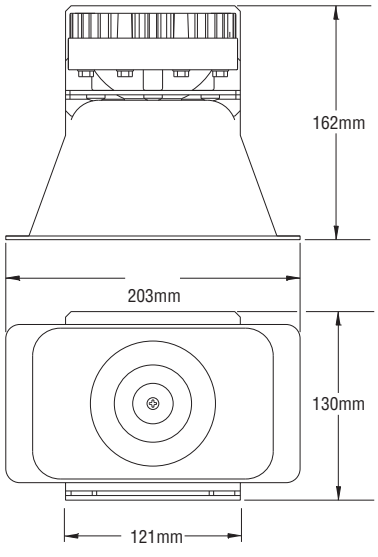
SA340TS Speaker

R10 2YR 100



Features

- Optimum performance assured when used with all Whelen high-power electronic sirens
- Multiple flare styles provide a variety of projection angles
- Universal mounting bracket



NASCAR Whelen Euro Series

For over 25 years, Whelen has supported NASCAR and its grass-roots racing series in the United States. Since 2013, we have been proud to sponsor the NASCAR Whelen Euro Series. This dynamic and exhilarating series features full-bodied stock cars racing on historic road courses and ovals throughout Europe. We are also proud to provide the Official Warning Lights of NASCAR.

WHELEN | NASCAR

OFFICIAL WARNING LIGHTS OF NASCAR

NOTES:

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