European Catalogue
UNECE R65 & R10 Compliant Products
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
Standard Current
CIA447
WeCan Compatible
Real Time Diagnostics
2 Year Warranty
5 Year Warranty

Sync
Scan-Lock*
Cruise
Hard-Free
2 Tones
AC Models
UL Approved
IP67 Rated

R10
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

WeCan
Whelen’s proprietary CAN based communication system
## UNECE R65 Compliance Reference

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LED Beacons
LED Beacons

L21 & L22 Series

Features

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

L31 & L32 Series

L31: R10 5YR 12 24

L32: R10 5YR 12 24

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
LED Beacons

L51 & L53 Series

Features

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

L10 Series

Features

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

L41 Series

Features

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

R316 & R416 Series

R316: R10 5YR 12 24 SCAN LOCK SYNC
R416: R10 5YR 12 24 SCAN LOCK 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
## Beacon Mounting Options

<table>
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<tr>
<th>Mounting Options</th>
<th>Perm Mount</th>
<th>Mag Mount</th>
<th>Suction Mount</th>
<th>Triple Mount</th>
<th>Pole Mount</th>
<th>Motorcycle Mount</th>
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</table>

- Permanent Mount
- Magnetic Mount
- Magnetic/Suction Mount
- Pole Mount (Pole not included)
- Motorcycle Pole Mount

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[Image of Beacon Mounting Options]

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**LED Beacons**

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Interior Lights
Avenger® II Series

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

Interior Lights
Interior Lights

SpitFire™ ION™ Series

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

Options

- 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 1.219mm 1.372mm

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Lightbars

Liberty™ II 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, 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

Size Chart

- “L” Size Chart
  - 1.117mm
  - 1.219mm
  - 1.372mm

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Lightbars

Freedom® IV Series

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

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<th>&quot;L&quot; Size Chart</th>
<th>1,130mm</th>
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Lightbars

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

(Refer to Size Chart)

57mm

101mm

"L" Size Chart

1,118mm 1,273mm 1,429mm
Century™ Series

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

(Refer to Size Chart)
Lightbars

Cenator™ Series

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

(Refer to Size Chart)

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<thead>
<tr>
<th>Length (mm)</th>
<th>Width (mm)</th>
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<td>1,524</td>
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CENATOR (Refer to Size Chart)
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
Mini Lightbars
Mini Cenator™ Series

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

Dimensions

- Width: 66 mm
- Length: 315 mm
- Height: 119 mm
- Depth: 612 mm
Mini Lightbars

Mini Legacy® Series

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

Options

- 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

- 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

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
Mini Liberty™ II Series

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
- Short lighthead
- 12-LED take-down
- 6-LED take-down
- Alley light
- Filter
- 3-LED take-down

Dimensions
- R10: 490mm, 102mm, 64mm
- R65: Long lighthead 12LED, 287mm, 54mm
- R65: Short lighthead 6LED, 287mm, 54mm
- R65: 3LED take-down 102mm, 40mm
Mini Freedom® IV Series

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
Mini Lightbars

Mini Freedom® IV Rota-Beam™

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

Dimensions:
- 592mm x 93mm x 143mm
- 315mm x 93mm

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Mini Lightbars

Mini Justice® Series

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

Dimensions:

- 585mm x 304mm x 57mm
Mini Lightbars

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

Dimensions:
- 395mm
- 197mm
- 61mm

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Lightbar Configurations

Minimum R65 Configuration Requirements

Available in all standard and mini sizes

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<thead>
<tr>
<th>Justice®</th>
<th>Liberty II™</th>
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Minimum R65 Configuration Requirements

Available in all standard and mini sizes

<table>
<thead>
<tr>
<th>Freedom® IV</th>
<th>Cenator™</th>
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Minimum R65 Configuration Requirements

Available in all standard and mini sizes

Freedom® IV | Cenator™
-------------|----------|
Clear Dome   | Clear Dome |
No Filters   | No Filters |
Clear Dome   | Clear Dome |
Color Filters| No Filters |
Color Dome   | Clear Dome |
No Filters   | Color Filters |
Color Dome   | Clear Dome |
No Filters   | Color Filters |
Century™     | Clear Dome |
Clear Dome   | Color Filters |
No Filters   | Clear Dome |
Clear Dome   | Color Filters |
No Filters   | Clear Dome |
Clear Dome   | Color Filters |
No Filters   | Clear Dome |
Traffic Advisor™

Traffic Advisor

30 www.whelen.eu | +1 860 526 9504
Traffic Advisor Super-LED®

**Features**

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

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

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
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

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
Lightheads

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 □ SCAN LOCK R65 CLASS 2 R65 CLASS 2
LIN3: R10 5YR 12 □ SCAN LOCK
TIR3: R10 5YR 12 □ SCAN LOCK

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

*LINZ6 sealed with LIM (liquid injection molded) seal

![LINZ6 Image](image1)

![LIN3 Image](image2)

![TIR3 Image](image3)
## M Series

<table>
<thead>
<tr>
<th>Model</th>
<th>R10</th>
<th>5 Year</th>
<th>12</th>
<th>24</th>
<th>Scan Lock</th>
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<td>R10</td>
<td>5YR</td>
<td>12</td>
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<td>R65 CLASS 2</td>
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<tr>
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<td>R10</td>
<td>5YR</td>
<td>12</td>
<td>24</td>
<td>SCAN</td>
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<tr>
<td>M6 &amp; M7</td>
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<td>5YR</td>
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<td>M9</td>
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<td>5YR</td>
<td>12</td>
<td>24</td>
<td>SCAN</td>
<td>R65 CLASS 2</td>
</tr>
</tbody>
</table>

### 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
Lightheads

M Series

M2

93mm
53mm
23mm

M4

139mm
86mm
35mm

M6

170mm
109mm
35mm

M7

194mm
88mm
35mm

M9

263mm
165mm
35mm
Lighthheads

**Vertex™ Series**

- 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
Lightheads

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
Lithheads

### 600 Series

**Features**
- Linear Super-LED™
- Surface mount
- Available with Clear or color lenses

### 700 Series

**Features**
- Linear Super-LED
- Surface mount
- Available with Clear or color lens
Lightheads

900 Series

Features

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

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 without On/Off switch
- Low profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch
Pioneer Nano™

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
Pioneer SlimLine™

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
Pioneer Plus™

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
Perimeter Enhancement Light

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

40° Angle
Sirens & Speakers
Sirens & Speakers

HHS3200 & HHS4200

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

Dimensions:

- 189mm x 216mm x 60mm
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
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
Sirens & Speakers

Beta™ Siren Amplifier

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

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

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 vehicle’s primary siren
▶ Uses low frequency tones to synchronize with the vehicle’s 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
WSSC30 Speaker

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
Sirens & Speakers

SA315 Projector™ Series

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
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

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 grassroots 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.