

# NARVA

THE VISION TO GO FURTHER



## EMERGENCY SERVICES CATALOGUE 2018

# WHAT MAKES FEDERAL SIGNAL BARS UNIQUE?

## SpectraLux Multicolour L.E.D Technology.

Exclusive to Federal Signal, SpectraLux provides the ability for a single light source to change colours. Individual Valor light heads can flash between Red, Blue, Amber or White.

## Solaris L.E.D Reflector Technology

Has been engineered to significantly increase off-axis warning and maximise the L.E.D light source to eliminate dark spots and distribute 360° of light.

## VALOR® BARS



Presenting Federal Signal's Valor light bar, like no other light bar you have seen before. The Valor light bar is a low profile, non linear light bar that out performs at critical off-axis angles

### Features

- **Versatile Mounting** the mount brackets accommodate Optional HotFoot L.E.D Take Down and L.E.D Alley Lights
- **Signal Master** the Valor has built in Signal Master functionality for directional warning. The Signal Master L.E.D modules keep sequence with the flash pattern, but when activated, override the L.E.D module to provide a directional flash pattern. When the SpectraLux option is specified it can change from blue or red to amber.

- **Dimming Feature** when activated, the dimming feature significantly reduces the light output intensity.
- **Clear Domes** for a sleek and stealthy appearance, the Valor is available with Clear Domes only.

### Choose from:

- **Single Colour Valor Light Bar** with Take Down, Alley and rear Split Colour Arrowstick.
- **Multicolour Valor Light Bar** with Take Down, Alley and rear Split Colour Arrowstick.

### AVAILABLE L.E.D COLOURS

Single colour options are available in Amber, Blue Red or White.



SpectraLux™ option can be specified in combinations of Red, Amber, Blue and White.

### AVAILABLE SIZES

1.2m (44 ") and 1.3m (51") light bars

P/No. 85066R, 85068RB





## ROC (Reliable Onboard Circuitry) Technology™

Federal Signal's patented ROC technology is manufactured to eliminate approximately 85% of the connection failure points found in a typical light bar assembly. Wires, connections and assemblies have been replaced by PCB assemblies — reducing labour repair time and increasing the road time for emergency vehicles.

# INTEGRITY® BARS



**Integrity light bar from Federal Signal is a distinctly modern shaped linear light bar with built-in multicolour L.E.D technology**

### Features:

- **SpectraLux Multicolour L.E.D** technology available in combinations of Amber, Blue, Red or White
- **Solaris L.E.D Reflector Technology** for better optical efficiency and superior off-axis warning.
- **FS Convergence Network** 'plug and play' makes installation and programming easy, reduces bulky cables to streamline installation and maximises performance.

- **ROC (Reliable Onboard Circuitry)** reduces failure points found in a typical light bar
- **Optional HotFoot** for take down, alley and warning lights. For further customisation, mounting brackets accommodate patented HotFoot L.E.D warning, take down and alley lights.

### AVAILABLE L.E.D COLOURS

Single colour options are available in Red, Amber, Blue or White.



SpectraLux option can be specified in combinations of Red, Amber, Blue and White.

### AVAILABLE SIZES

1.2m (44 ") and 1.3m (51") light bars



HotFoot L.E.D Take Down and Alley Lights

P/No. 85054RB, 85056RB



# L.E.D LIGHT BARS



Designed to keep you safe on the road, the Allegiant includes 28 high performing, attention-getting flash patterns, built-in SignalMaster and impressive flood light capabilities. The Allegiant features a bed light option which shines a steady work light down from the light bar onto the bed of a truck for added visibility for operators. Take down and alley positions are also configurable to fit your needs.

## ALLEGIANT™



1.35m (53 ") models pictured

Standing a mere 55mm tall, the Allegiant light bar is packed with Federal Signal exclusive technology and options to provide a superior multicolour warning.

### Features:

#### Solaris L.E.D Reflector Design

Federal Signal's Solaris L.E.D reflector technology is engineered to significantly increase off-axis warning and maximise the L.E.D light source to eliminate dark spots and distribute 360 degrees of light.

#### ROC (Reliable Onboard Circuitry)

Federal Signal's patented ROC technology is manufactured to eliminate approximately 85% of the connection failure points found in a typical light bar assembly. Wires, connections and assemblies have been replaced by PCB assemblies, reducing labour repair time and increasing the road time for emergency vehicles.

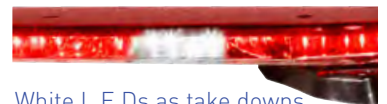
- Low profile, dual colour, linear light bar
- Solaris® L.E.D Reflector Technology
- SpectraLux® L.E.D reflector technology is configurable in combinations of Amber, Blue, Red, White and Green
- FS Convergence Network for 'plug and play' installation and programming are available
- 28 Built-in flash patterns
- Configurable alley and take down positions
- White L.E.Ds can be utilised as take downs and flood lighting
- Auto Dim Option

#### AVAILABLE DOME COLOURS

Amber, Blue, Clear, Grey and Red

#### AVAILABLE SIZES

1.15m (45"),  
1.35m (53"),  
1.55m (61") and  
1.8m (70") light bars

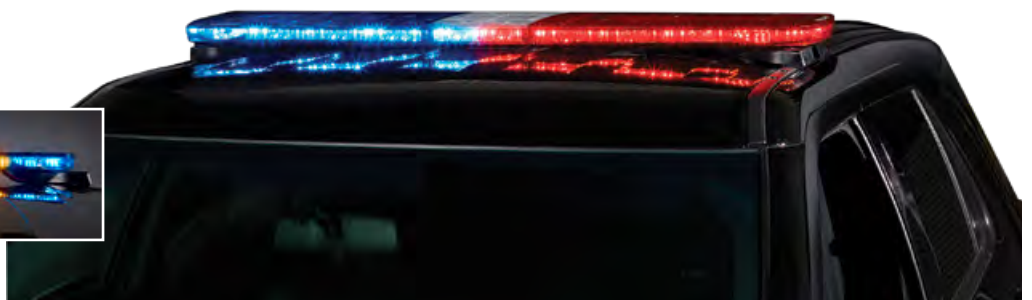


White L.E.Ds as take downs



White L.E.Ds as floodlights

P/No. 85058RB, 85060RB





# L.E.D LIGHT BARS



The Legion L.E.D Emergency Light Bar comes with a heavy-duty wiring harness, generous length (3 metres) suitable for all bar options. Should you purchase a bar without a Take Down or Alley Lights, or want to add more modules at a later date, the harness will accommodate these upgrades.

## LEGION



Measuring just 57mm in height this exciting range of low profile L.E.D Emergency Bars sets a new standard in both quality and performance.

### Features:

- **Illuminated Centres** with either all clear or coloured lenses and with an illuminated centre section that can be used to personalise the bar with a business name or authority.
- **High Powered Built-In Alley & Take Down Lights** provide an intense white light and act as work lamps to illuminate the designated area.
- **Flexible Mounting Options** include the option to mount the bars without the need to drill holes. The bars can be supported on an adjustable or fixed bracket with stainless steel straps designed to clamp around the driver and passenger side door openings.
- **Wired for Additional Options** with a heavy duty wiring harness, generous in length at 3 metres long, the wiring is set up for all bar options. Should you purchase a bar without 'take down' and 'alley' lights or want to add more modules at a later date, the harness will accommodate these upgrades.
- **In-Built Speaker** space is available to include an optional low profile 100W speaker mounted within the centre module of the Legion bar.

- **Optional Switch Panel** Control the 'alley', 'take down' lights and 8 selectable flash patterns with the 6 switch panel, P/No. 85113.



- **High Powered Options for Emergency Services** are recommended for all Red/Blue bars with options for custom flash patterns and configurations.

P/No. 85024RB, 85038RB,  
85024RBC, 85038RBC



L.E.D Take Down Lights L.E.D Alley Lights

### AVAILABLE SIZES

0.9m (36"),  
1.2m (49"),  
1.4m (54") and  
1.7m (66") light bars



# SPLIT LIGHT BAR & MINI LIGHT BOXES



Mini light bars are the perfect solution for smaller vehicles and provide a very effective solution for a large range of lighting applications. With 360 degrees of visibility, selection of flashing and rotating patterns, these light bars and mini light boxes are the perfect emergency vehicle accessory.

## SLR SPLIT VISION LIGHT BAR

**Distinctive "V-Shape" and SLR technology provides superior optical warning at critical intersection angles**

- Powerful Flood lighting feature provides significant benefits
- 'Jogging' capability
- 'Aerial view' feature improves ability to see vehicle from a helicopter
- Optional SignalMaster™ directional light
- LEDs offered in Red and White  
Amber, Blue, Green available upon request
- Top-dome colors are offered in Amber, Blue, Clear, Green and Red



P/No.s  
85067RW  
85068RW



**AVAILABLE IN 6 POD OR 8 POD OPTIONS**

## AEROMAX MINI LIGHT BOXES

**12/24 Volt Aeromax Mini L.E.D Light Box Flange Base with Red or Blue Lens. Super compact, low profile and modern style L.E.D light boxes offering a premium warning light solution with outstanding performance, exceeding SAE Class 1 Approvals. The use of high powered L.E.D modules, the two sizes and flange base make these a perfect fit for emergency vehicles.**

### Features:

- 8 selectable flash patterns
- 10 x 3 or 14 x 3 high powered L.E.D modules for outstanding 'Class 1' output
- Virtually unbreakable polycarbonate lens
- Flange base with brackets for permanent mounting
- IP Rating: IP65



365mm  
P/No. 85014B  
P/No. 85014R



200mm  
P/No. 85010B  
P/No. 85010R

### Flash Patterns

- 
- 1 Single (Constantly On)
  - 2 Double (All Flashing)
  - 3 Ultra (Alternate Flashing)
  - 4 Ultra (Cross Flashing)
  - 5 Quint Rotating
  - 6 Rotating
  - 7 Ultra (All/Alt. Flash)
  - 8 Ultra-Double (All Flashing)



Flange base models come complete with low profile brackets for permanent mounting



# L.E.D STROBES & BEACONS



Our L.E.D Beacons offer the most intense brightness and strobing capabilities while simultaneously drawing a very low current. L.E.D strobe lights also boast an impressive service lifetime of 100,000+ hours.



P/No. 85240B

P/No. 85240R

## 'PULSE' L.E.D STROBES

12/24 Volt High Output L.E.D Strobe Light with 8 Selectable Flash Patterns, Flange Base

### Features:

- Multiple units can be set to synchronise and/or alternate flash patterns.
- Peak current draw: 3A at 12V. Comparative L.E.D candela rating: 1200\*



Momentarily hold the supplied magnetic key to top centre of lamp to change pattern

\* Based on a visual comparison to traditional strobe candela ratings



P/No. 85270B

P/No. 85270R

## 'HI OPTICS' L.E.D ROTATING BEACON

12/24 Volt L.E.D Rotating Beacon, Flange Base

### Features:

- Combines precision and rotating optics with 8 high intensity L.E.Ds providing an SAE Class 1 light output.
- Ultra quiet, brushless magnetic drive system, low current draw, dual voltage circuitry, polycarbonate lens and die cast aluminium base
- Current draw: 1.7A at 12V, 0.85A at 24V



P/No. 85430B

P/No. 85430R

## 'SOLARIS' L.E.D ROTATING BEACON

NFPA Compliant models available.

### Features:

- Patented Rotator for a true 360 degrees of sweeping coverage
- Compliments 'Vision SLR' light bars
- 12/24V Dual voltage
- NFPA Compliant models available

# SIREN CONTROLLERS

Siren controllers are a very important accessory for many emergency vehicles. Whether you need FS Convergence Network technology, Wail and Yelp siren tones or integrated microphone, you can find them all below.



## SMARTSIREN®

- **Programmable Siren/Light Controller** with remote mount amplifier
- **Incorporates FS Convergence Network Technology** to provide a high level of control capability
- **'Plug and Play' installation and programming software** for easy configuration via laptop computer
- **Five year warranty**

P/No. 72670



FEDERAL SIGNAL

## PATHFINDER™ SIREN AND LIGHT CONTROLLER

- **100/200 Watt siren and light controller** with PA and noise-cancelling microphone
- **Built in dual tone capability**
- **Built in Rumbler® intersection clearing capability**
- **Library of selectable siren tones** includes SmartSiren®, Unitrol™ and Powercall siren tones
- **12/24V operation** P/No. PF200

## HANDHELD SIREN CONTROLLERS



## ENFORCER™ ELECTRONIC SIREN

- **Ideal Choice** for undercover applications.
- **Two Available Siren Tones** wail and yelp
- **Manual Mode** air horn (momentary)

### Note:

Manual mode will override the Siren mode

P/No. 72674



## HANDHELD REMOTE SIREN

- **100W Handheld Remote Siren**
- **ECE R10 EMC safety compliance**
- **4 Selectable Siren Tones:** Wail, Yelp, Phaser and Hi/Lo
- **3 Modes:** Siren, Radio Rebroadcast, Public Address
- **Programmable Button Mapping** for quick activation

P/No. 72675



# SIREN SPEAKERS

Siren speakers have to be designed to withstand the toughest of conditions. With loud sounds, strong and reliable housings as well as many being equipped with the Neodymium driver you have a large range of options.



## RUMBLER 3

### Intersection clearing system

- **The Rumbler™** demonstrates the long-standing commitment of Federal Signal to continue as the technological leader in audible warning and operator safety.
- **Revolutionary new concept** to audible warning through its ability to interact with most 100/200 Watt siren amplifiers and provide secondary, low frequency duplicate tones.
- **Low frequency tones** have the distinct advantage of penetrating solid materials allowing vehicle operators and nearby pedestrians to 'feel' the sound waves



P/No. 72690

## 100W SIREN SPEAKERS

### NEODYMIUM SPEAKER DRIVER

- **Neodymium Speaker Driver** creates high powered sound
- **Versatile Design** to satisfy the ever expanding variety of emergency vehicle applications
- **Compact** for added mounting location flexibility
- **100W Speaker** with bracket included



P/No. 72680

### COMPACT SPEAKERS



P/No. 72682

- **Unique design** projects sound evenly to the front as well as to the sides of the vehicle
- **Flexible installation** can be installed on top or behind the bumper or behind the grille of popular emergency vehicles

### CAST ALUMINUM SIREN SPEAKER

- Available with a selection of brackets for popular vehicles
- Class A SAE approved



P/No. 72684

### DYNAMAX®

100W compact speaker with Neodymium Driver

- **High Strength** maintains rigidity at high temperatures and good chemical resistance
- **Vehicle specific mounting brackets** available



P/No. 72686

# EXTERIOR WARNING LIGHTING



Utilising the very latest high powered L.E.Ds available, these lights feature self contained circuitry with various flash patterns designed to operate independently or synchronised together with as many units as the application requires. While the solid-state circuitry is potted in epoxy to seal out moisture and protect from vibration, the robust housings feature polycarbonate lenses delivering an impact resistant light that is ready for any tough environment.

## 12/24 VOLT HIGH POWERED L.E.D WARNING LIGHTS

### Features:

- **Compact, Super Low Profile Design**
- **Powerful 1W L.E.Ds** that meet SAE Class 1 light output
- **Selectable Flash Patterns** can be alternating or synchronised
- **Mounting Gasket And Trigger Wire** for easy pattern adjustment included



3 x 1W L.E.Ds  
P/No.s 85203A, 85203B,  
85203R, 85203W



6 x 1W L.E.Ds  
P/No.s 85206A, 85206B,  
85206R, 85206RB, 85206W  
*(Dual colour)*



12 x 1W L.E.Ds  
P/No.s 85208A, 85208B,  
85208R, 85208RB, 85208W



## 12/24 VOLT HIGH POWERED LOW PROFILE L.E.D WARNING LIGHT

### Features:

- **Compact, Super Low Profile Design**
- **Powerful 1W L.E.Ds** that meet SAE Class 1 light output
- **23 Selectable Flash Patterns** can be alternating or synchronised with multiple units and a non-volatile memory retains last setting
- **Auto Dim Function** makes the lamps suitable for night operation
- **Supplied** with 200mm of pre-wired cables, 3M<sup>®</sup> tape or screws for fixing options



6 x 1W L.E.Ds  
Bonnet Mount  
P/No.s 85207A, 85207B,  
85207R, 85207RB, 85207W



6 x 1W L.E.Ds  
P/No.s 85216A, 85216B,  
85216R, 85216RB *(Dual colour)*



3 x 1W L.E.Ds  
P/No.s 85213A, 85213B,  
85213R, 85213W



6 x 1W L.E.Ds  
P/No.s 85214A, 85214B,  
85214R, 85214RB





# EXTERIOR WARNING LIGHTING

Reducing risk for emergency vehicle drivers is at the forefront of our intentions. Together with Federal Signal, we have developed innovative, patented technologies found in the exterior warning lights below.



## 12/24 VOLT SUPER LOW PROFILE L.E.D WARNING LIGHTS

Features:

- 9mm (0.35 inch) Super Low Profile
- Self Contained no external flasher
- Advance Optic with powerful output
- Heavy Duty Aluminium Housing with weatherproof and vibration resistant design



6 L.E.Ds

P/No.s 85215A, 85215R, 85215B, 85215RB

*(Dual colour)*

12 L.E.Ds

P/No.s 85209A, 85209B, 85209BW, 85209R, 85209RB, 85209RW

*(Dual colour)*



## 12/24V SLIMLINE L.E.D WARNING LIGHT

- SAE Class I
- 16mm Lowest Narrow Profile Light Head
- Brand New Unique Optical Design for efficient and powerful output
- Heavy Duty Aluminium Housing with weatherproof and vibration resistant design
- Universal Multiple Angle Brackets for mounting virtually anywhere



6 L.E.Ds

P/No.s 85211A, 85211B, 85211R, 85211W

3 L.E.Ds

P/No.s 85200A, 85200B, 85200R, 85200W



## 12/24 VOLT 120° WARNING LIGHT

- ECE R65 XA1 XB1
- True 120° Certified ECE R65 and SAE J845 wide angle coverage
- Advanced Reflector Optic with remarkable output
- Heavy Duty Aluminium Base Plate with weatherproof and vibration resistant design
- Ideal for Intersection Warning



P/No.s AL6-B, AL6-R



## 12/24 VOLT 180° WARNING LIGHT

- SAE Class 1 XB1
- True 180° Certified ECE R65 and SAE J845 wide angle coverage
- Advanced Reflector Optic with remarkable output
- Heavy Duty Aluminium Base Plate with weatherproof and vibration resistant design
- Ideal for Intersection Warning



P/No.s 85219A, 85219B, 85219R *(Dual colour)*



## HIDE AWAY L.E.D WARNING LIGHT

- 36mm Surface Recessed Flush Mount
- Self contained, no external flasher required
- Long Life L.E.D Technology rated to 100,000 hours of operation
- Heavy Duty Aluminium Housing with weatherproof and vibration resistant design
- Versatile Side Mirror or Surface Mount



P/No.s 85205A, 85205B, 85205R, 85205W



# INTERIOR WARNING LIGHTING



With the highest quality LED emergency dash and interior warning lights, our range also comes in a variety of colours, flash patterns and mounting styles. See below our featured interior lights to add extra visibility to your vehicle's front and back ends for improved safety on the road.

## XSTREAM™

**NEW**

- **Solaris® L.E.D Reflector Technology** for better optical efficiency and superior off-axis warning
- **SpectraLux™ Multicolour L.E.D Technology** in combinations of Amber, Blue, Green, Red and White
- **Each light head includes three colours** with 6 L.E.Ds of each colour, 18 L.E.Ds in total
- **Low Profile Design**
- **Available In Single Or Dual Head Models**
- **Black Polycarbonate Housing**
- **Features Two Recessed Buttons**, one to change flash pattern and other for colour mode
- **25 Flash Patterns** including random and steady and 10 colour modes
- **Versatile Mounting Brackets** and three different length 'Snap On' flash guards included
- **Choice of Cigarette Plug or Wired Models**
- **Cigarette Plug Models** include two switches for on/off and steady-burn



XStream Dual Head



P/No. 85290RB

## EMS LOW PROFILE VISOR LIGHT

**NEW**

Extreme low profile interior mount windshield visor light with intense forward warning effect

- **Metal Shroud** is available in different vehicle models to best fit your Visor Light System
- **L.E.D Module Options** include any combination of single colour, dual colour or tri-colour counts with 42 warning pattern choices
- **Forward Facing Modules Option** for intense scene or full flood light
- **Programmable Take Down Position Lights**

P/No. 85294RB





# INTERIOR WARNING LIGHTING



Total Internal Reflection (TIR) Optic consists of a refractive lens nestled inside a reflector and are typically cone shaped with optical efficiencies as high as 92%. The lens directs light from the source's center to the reflector, which sends it out in a controlled beam. An additional surface over the assembly provides another opportunity to modify the light.

XStream Single Head




XStream Kit



## LINEAR L.E.D DASH LIGHT

- **Powerful Head on TIR Optic**
- **Built-In Selectable Flash Patterns** with split colour flashing.
- **Non-Volatile Memory** recalls last flash pattern used at power up.
- **Reverse Polarity Protection**
- **Compact Dual Head Dash Light** with superior light output.



P/No. 85292RB 



Rear profile



Side profile



With suction cups



# L.E.D DRIVING LIGHTS, BAR & MOTORCYCLE

**ALL NEW**

The partnership of 'Enhanced Optic™' technology and the latest in CREE® XHP L.E.Ds combine to capture and harness the light output, precisely focusing it for maximum volume and penetration where you need it most.



**ULTIMA L.E.D 175**



**ULTIMA L.E.D 225**

UP TO **650m**  
1 LUX WITH TWO LAMPS\*

UP TO **730m**  
1 LUX WITH TWO LAMPS\*

## ULTIMA 'ENHANCED OPTIC™' L.E.D DRIVING LIGHTS FEATURE:

- High Colour Rendering Index (CRI) at 5000°K
- Signature L.E.D Front Position Light Pipe
- Sophisticated and stylised European design
- Light weight and Super Tough Glass Reinforced Polymer Bracket and Housing
- Built-in 'Active Thermal Management System' (ATMS)
- Engineered to fit all popular bull bar and nudge bar makes and models
- Virtually unbreakable hard coated polycarbonate lens and lens protectors to resist stone impact, UV exposure and chemical attack
- Fully sealed against water and dust ingress (IP67)

### ULTIMA L.E.D 175 Specifications

- 3,800 Lumen, 5000°K
- All lamps are fitted with 2 x 15 Watt XHP50.2 Cree® L.E.Ds generating 30W of power
- Broad Beam: 1 Lux @ 620m P/No. 71638
- Pencil Beam: 1 Lux @ 680m P/No. 71648
- Combination Beam: 1 Lux @ 650m P/No. 71665

### ULTIMA L.E.D 225 Specifications

- 5,700 Lumen, 5000°K
- All lamps are fitted with 3 x 15 Watt XHP50.2 Cree® L.E.Ds generating 45W of power
- Broad Beam: 1 LUX @ 470m P/No. 71658
- Pencil Beam: 1 LUX @ 580m P/No. 71668
- Combination Beam: 1 LUX @ 730m P/No. 71705



*Personalise your light* Additional interchangeable 'Black' Glare Shield Caps are included for a personalised look



Multi-position mounting bracket

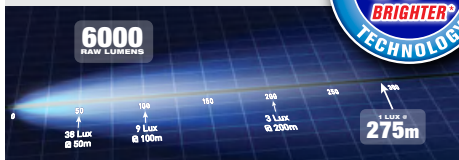


Combo kits include Plug and Play Wiring Harness

# EXPLORA

## ADVANCED OPTIC DRIVE 'EXPLORA'

- 9-32V 60W L.E.D Driving Light Bar
- 12 x 5W Osram High Power L.E.Ds (5700°K), ultra low current draw
- 9-32V Multi-voltage Input suits 12 and 24V vehicles
- Virtually Unbreakable Polycarbonate Lens



**NEW**



P/No. 72273

- Pre-wired Weatherproof Connector
- One Piece Die Cast Aluminium Housing, superior heat dissipation and ingress protection
- Stainless steel brackets and mounting hardware (SUS 304)
- Fully sealed and submersible (IP68 & IP69K)



Explora fitted to Licence Plate Bracket

**INCLUDED ACCESSORY:**  
Licence Plate Bracket



**NO DRILL HOLES REQUIRED**  
FIT IN 10 MINUTES



# HIGH POWERED L.E.D DRIVING LIGHTS

The Ultima 180 and 215 L.E.D Driving Lights are best in class hybrid beam pattern lights combining spot and flood technology into one lamp producing a beam as long (1 Lux at 900m) as any other and much wider than the competition. Heavy duty die-cast mounting bracket provides integrated shock absorption while L.E.D Front Position Light Pipe provides increased visibility and safety.



## ULTIMA HIGH POWERED L.E.D DRIVING LIGHTS FEATURE:

- Active Thermal Management System (ATMS)
- Tool free beam angle adjustment
- L.E.D Front position light pipe
- Heavy duty die-cast mounting bracket with for integrated shock absorption
- Virtually unbreakable hard coated polycarbonate lens and lens protectors to resist stone impact, UV exposure and chemical attack
- Hybrid Beam pattern
- Fully sealed against water and dust ingress (IP66 and IP67)

### ULTIMA 180 Specifications

- 12,000 Lumens, 5700°K
  - 120W XP-G2 Cree® L.E.Ds
  - Weighs 1.75kg per lamp
- P/No. 71730**

### ULTIMA 215 Specifications

- 16,500 Lumens, 5700°K
  - 165W XP-G2 Cree® L.E.Ds
  - Weighs 3.2kg per lamp
  - IP66 and IP67 rated
- P/No. 71740**

## PERSONALISE YOUR LIGHTS

A unique and totally customisable appearance that gives the user their own signature look

**OUTER BEZEL** Change from the Stainless Satin Bezel (standard) to Black Bezel\* or Chrome Plated Bezel\*

**INNER TRIM** Change the standard blue trim piece to black, red or yellow (included)

\*Accessories sold separately

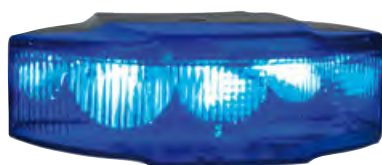
## POLICE MOTORCYCLE LIGHTING

**L.E.D Emergency Warning Light**  
5 powerful L.E.Ds with a Solaris Parabolic Reflector.

Its special optical design reflects a strong light beam where it is needed most, enhancing security in a wider area

**P/No. 85440B**

**AVAILABLE** Amber, Blue, Blue/Red, Red



**P/No. 85440B**

### Features:

- Easy Maintenance and Installation
- Waterproof Housing and Connector
- Lightweight and Shock Resistant
- Low Amp Draw and Long Life
- Simultaneous Flashing
- Synchronisation of 85440B Headlamp and 85492B Telescopic Mast
- Cruise Light



**Telescopic Mast  
P/No. 85492B**



**Control Head  
P/No. 64940**

### Motorcycle Control Head

The 64940 motorcycle control head allows easy control of 85440 functions (priority light and cruise light) as well as of the SoundStar-D compact siren functions (continuous siren). The 64940 control head also controls the function of high/low intensity siren (day/night mode)



# EMERGENCY AREA LIGHTING



L.E.Ds provide lamps with lower current draw and long life. Perhaps more importantly, L.E.Ds are resistant to shock and vibration, making L.E.D work lamps tough and able to deliver a whiter light that appears brighter and therefore more effective. The range that follows covers lamps in all sizes and shapes to suit all applications.



## 9-32 Volt L.E.D Scene Lamp Flood Beam – 2100 Lumens

- Set 9° moulded housing
- Current draw: 2.3A at 12V, 1.2A at 24V

**P/No. 72468**



## 12 Volt Remote Control L.E.D Search Lamps Featuring:

- Waterproof wireless remote control (65m range)
- Weatherproof and UV resistant housing
- 360° rotation
- Fully sealed (IP68) L.E.D module

### Specifications P/No. 72802

- 6 x 5W high powered L.E.Ds (6000°K) 3000 Lumens
- 90° tilt
- Emergency flash mode
- Includes magnetic mounting option and 4m lead

### Specifications P/No. 72806

- 10 x 5W high powered L.E.Ds (6000°K) 5000 Lumens
- 120° tilt
- Dual speed (slow/rapid)



## 9-33 Volt 'Senator' High Powered L.E.D Work Lamp, Hybrid Flood Beam – 3500 Lumens

- 7 x 5W high powered L.E.Ds
- Current draw: 2.3A at 12V, 1.15A at 24V

**P/No. 72479**



## 9-33 Volt 'Mini Senator' L.E.D Work Lamp Hybrid Beam – 2000 Lumens

- 4 x 3W high powered L.E.Ds
- Current draw: 0.62A at 12V, 0.35A at 24V

**P/No. 72469**



## 9-64 Volt L.E.D Work Lamp Flood Beam – 3200 Lumens

- 4 x 5W L.E.Ds
- Current draw: 2.0A at 12V, 1.0A at 24V

**P/No. 72449**





# EMERGENCY AREA LIGHTING

Narva Advanced Lighting Systems (ALS) are a new range of premium quality Inspection Lights and Flood Lights. The range features high efficiency COB L.E.Ds that provide a powerful white light output. The Narva ALS range combines user friendly features with a high level of performance making these lights ideal for any emergency application.

## VISIBEAM SERIES



**P/No. 72820**

**Search light with remote control** and high focusing precision. It may be adjusted vertically, 35° below and 105° above the horizontal plane and has a 360° rotation option.

Includes a remote control unit which is compact and easy to use. The **Wireless VisiBeam** is a combination of wireless remote control and powerful halogen search light.



**9-64 Volt L.E.D Work Lamp Flood Beam – 4800 Lumens**

- 6 x 10W L.E.Ds
- Current draw: 3.0A at 12V, 1.4A at 24V

**P/No. 72457**



**NEW**

**Narva-ALS Workshop Flood Lights**

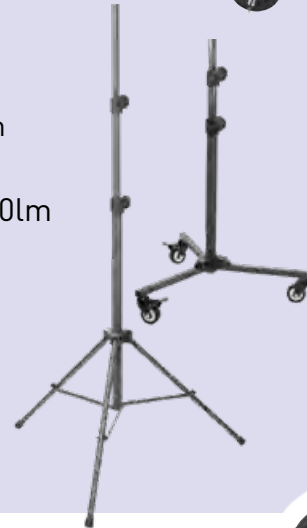
A range of heavy duty, high efficiency COB L.E.D wide beam flood lights featuring glow in the dark fluorescent reflectors for easy location and power bank function with Bluetooth remote control



Rechargeable Flood Light– 6000lm  
**P/No. 71416**

240V Flood Light–6000lm  
**P/No. 71418**

240V Flood Light–10000lm  
**P/No. 71420**



**Narva-ALS Flood Light Stands**

Heavy duty telescopic wheeled stand  
**P/No. 71472**

Heavy duty telescopic tri-pod stand  
**P/No. 71470**

**High Power L.E.D Handheld Spotlight**

- 10 x 3W Cree® L.E.Ds deliver 2000 Lumens
- Intense white L.E.D light output
- Weatherproof body and off/on switch with momentary function
- Rechargeable lithium battery with no memory effect
- 3 hours of continuous output and can be recharged in just 1.5 hours
- Includes 240V AC charger

**P/No. 71004**



# ACCESSORIES

Narva, together with Federal Signal offer a wide range of accessories to ensure the best use of the emergency and warning light systems. Flasher and switch units as well as interior lighting to illuminate documentation or in-vehicle control panels are an important part of emergency service systems. Traffic Master Arrow Bar provides brilliant light output and high visibility for use in hazardous situations. Eight distinct warning patterns are available via the user friendly 'in-cabin' control head.

## FLASHER UNIT



**UltraFlash  
Heavy Duty  
Alternating Solid  
State Electronic  
Flasher**  
P/No. 68284

## SWITCH PANEL



**Multi-purpose Switch  
Panel with Power Unit**  
P/No. 60096

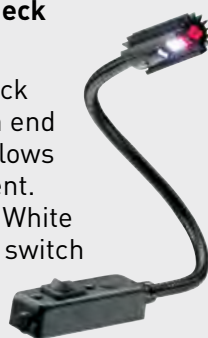
## MAP LIGHTS



**Three Phase Light  
Intensity Map Light**  
P/No. 87688

## Littlite® Gooseneck Map Lamp

Flexible gooseneck extends 18" from end of chassis and allows for easy movement. Choice of Red or White light from toggle switch selector  
P/No. 87689



**9-33 Volt L.E.D  
Reading Lamp**  
with 400mm  
Flexible Arm and  
Fixed Mounting  
Bracket  
P/No. 87684



## ARROW BAR



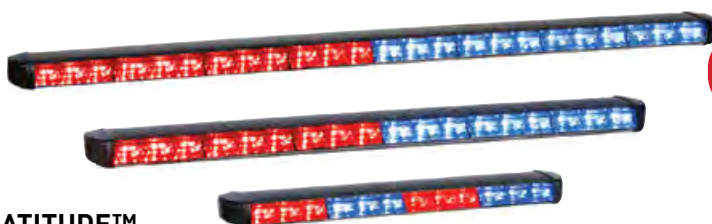
### 12 or 24 Dual Voltage L.E.D Traffic Master Arrow Bar

Traffic Master provides brilliant light output and high visibility for use in hazardous situations. The traffic master is dual voltage with a low current draw of just 2.2 amps at 12V. Resistance to vibration, a long service life of up to 100,000 hours Traffic Master is divided into eight individual modules that can be easily replaced.

- Adjustable mounting brackets
- Polycarbonate lenses
- 7.6m of Cable and In-Cabin Control Box with eight distinct warning patterns
- Dimensions: 70mm x 1067mm x 45mm

P/No. 85000 ●

## FLASHING DIRECTION/WARNING LIGHTS



**NEW**

### LATITUDE™

- **L.E.D Flashing Warning Light** and Signal Master™ models suitable for both interior and exterior applications
- **Flashing Models Available** in 4 head, 6 head, or 8 head

- **SignalMaster Models Available** in 6 head or 8 head
- **Three L.E.Ds per light head**
- **Innovative Co-Extrusion Polycarbonate Housing** provides moisture resistance

- **Optimal Mounting Brackets and Shrouds** are available
- **Flash Pattern** numbers vary by model
- **SignalMaster Models** include Federal Signal's economy SignalMaster controller  
P/No.s 85380RB (429mm), 85382RB (615mm), 85384RB (805mm)



# ACCESSORIES

Flashing direction and warning lights offer a flexible option for interior/exterior, forward or rear mounting. Superior public safety messaging system that displays different advisories notifying motorists and pedestrians of emergency incidents, road conditions, and other events, ideal for police, fire and work truck applications.

## ROAD ALERT MESSAGE SIGN KIT

**Kit includes: L.E.D sign, RA-USB controller with USB Programmable Touchpad**

The controller supports maintenance of user messages using the Road Alert Message Manager (RAMM) a Windows compatible software interface and loading the message via USB thumb drive (memory stick) or by directly connecting a USB keyboard.



- Road Alert L.E.D text message sign system displays text and symbolic information.
- Solid state L.E.D design ensures durability against road shock and vibration providing low maintenance and extended lifespan.
- Available colours: Red and Amber

### Features and Specifications:

- 8 Characters Per Line
- Solid State High Intensity L.E.D Display with L.E.D Rating of 100,000 hrs
- 80 Programmable Messages up to 48 characters
- External Mounting Brackets

- Operating Temperature: 30—65°C
- High Visibility in bright sunlight with dimmer for night use
- Sealed Against Dust and Moisture
- Multiple Message Modes Fixed, Flashing or Scrolling
- Arrow warnings / Alternating Flash Pattern
- Low Power Consumption
- Voltage 12V
- Amperage 0.18A Standby, 3.0A Operating
- Optional Motorised Version

### Dimensions

#### 508mm (20") Display

Width – 508mm (20")  
Height – 106mm (4.0")  
Depth – 63.5mm (2½")

#### 1016mm (40") Display

Width – 1016mm (40")  
Height – 106mm (4.0")  
Depth – 63.5mm (2½")

**P/No.s**  
**85003A (Amber)** ●  
**85003R (Red)** ●

**P/No.s**  
**85004A (Amber)** ●  
**85004R (Red)** ●



## LATITUDE SIGNALMASTER™

- **SpectraLux™ Multicolour L.E.D Technology** available in combinations of Amber, Blue, Red or White
- **Solaris® L.E.D Assemblies** for the highest optical efficiency
- **Compatible with FS Convergence Network sirens**

- **A Serial Interface Module** is available for use with your existing light controller
- **Available in 4 head, 8 head and split 8 head models**
- **Models Available** for both front and rear vehicle applications. Front facing models utilise wide angle

reflectors; Rear facing models utilise narrow angle reflectors

- **White L.E.D Options** can be used as take downs, work lights or flood lighting
- **Built-in SignalMaster™** available in rear facing models.

**P/No. 85386RB, 85388RB**

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