

CUDA TRIOPTIC™ 3-PACK/6-PACK VERTICAL LED LIGHTING



3-pack model series 352012



6-pack model series 352022

Intense warning light designed for internal and external vehicle mounting.

Cuda TriOptic™ 3-pack and 6-pack warning lights use advanced, and successfully proven Federal Signal light and lens technology (TriOptics) to create brighter, more effective light heads that can be mounted just about anywhere inside or outside any emergency vehicle (including motorcycles).

Unsurpassed Light Output

Light output, therefore warning effectiveness has been dramatically improved with the new TriOptic 3-pack and 6-pack housings and LED arrangements. With the TriOptic 3-pack and 6-pack models, all “3-UP” LED lens assemblies are packed tightly together (side-by-side) in a vertical orientation. Packing the lens assemblies vertically generates more effective warning light output due to a larger, more concentrated light surface.

The 3-pack and 6-pack TriOptic light heads offer the user a generous choice of built-in flash patterns (including steady red), and the number of patterns available can be increased with the Federal Signal Intelli-Flash, external flasher (see back page for more details). The TriOptic 3-pack models (series 352012) contain 9 high-powered LEDs separated

into 3/“3-UP” modules and units are available as all red, all amber or all blue LEDs. With the 6-pack models (series 352022), each unit contains 18 LEDs separated into 6/“3-UP” modules. Please see the back page for available colors, model numbers and product descriptions.

Cuda TriOptic 3-pack and 6-pack light heads meet SAE and CAC standards for light output and Radio Frequency Interference.

Internal/External Mounting

The 3 and 6-pack TriOptic series light heads are the number one choice for flexible mounting and durability, either inside or outside the emergency vehicle. All Cuda TriOptic light heads are encased in a sleek black anodized aluminum housing that is durable, water resistant and corrosion free. The unit’s housings all have four built-in channels, for the ultimate in mounting flexibility. Recommended mounting locations include behind the front grille, push bumpers, motorcycle rear plate area, suction cupped to the front windshield or bolted down to the rear deck. A Universal mounting bracket is included, and a variety of special mounting options are available (see back page).

QUICK REFERENCE

FEATURES

- Superior TriOptic LED light intensity.
- Multiple pattern choice (including steady red).
- Available in red, amber, and blue LED colors.
- Built rugged for internal or external mounting.
- 4 built-in housing channels allows for mounting flexibility.
- Water/corrosion resistant black aluminum housing.
- Sleek compact styling with stealthy “no-show” appearance.
- Includes extended power cord and universal mounting bracket.
- Variety of specialty mounting brackets available.
- Meets SAE standards for RFI.
- Meets SAE/CAC standards for light output.

APPLICATIONS

- Undercover police vehicles
- Fire Chief vehicles
- Marked “Slick-top” and roof-mounted lightbar vehicles
- Motorcycle warning light
- Recommended for: grille, bumper, rear deck, and rearview mirror mounting

RELATED PRODUCTS

Touchmaster™ Delta Siren
Bulletin #5124

DynaMax™ Speakers
Bulletin #6102

Intelli-Flash™ Flasher
Bulletin #3302

Delta Ray
Bulletin #4160

Strobe Systems
Bulletin #4131

HOW TO ORDER

1. Specify Cuda TriOptic model desired.

A. 3-Pack Models

- 352012-02 Single 9 LED light head, amber. Includes universal mounting bracket and 5' cable.
- 352012-03 Single 9 LED light head, blue. Includes universal mounting bracket and 5' cable.
- 352012-04 Single 9 LED light head, red. Includes universal mounting bracket and 5' cable.

B. 6-Pack Models

- 352022-22 Single 18 LED light head, all amber. Includes universal mounting bracket and 5' cable.
- 352022-23 Single 18 LED light head, 1/2 amber - 1/2 blue. Includes universal mounting bracket and 5' cable.
- 352022-33 Single 18 LED light head, all blue. Includes universal mounting bracket and 5' cable.
- 352022-44 Single 18 LED light head, all red. Includes universal mounting bracket and 5' cable.
- 352022-24 Single 18 LED light head, 1/2 amber - 1/2 red. Includes universal mounting bracket and 5' cable.
- 352022-43 Single 18 LED light head, 1/2 red - 1/2 blue. Includes universal mounting bracket and 5' cable.

2. Order optional equipment (if necessary).

- 350201 Rear-view mirror mount for 2000-02 Ford Crown Victoria
- 350202 Rear-view mirror mount for 2000-02 Chevy Impala
- 350203 Universal window suction cup mounting kit
- 350204 Rear-view mirror mount for 2000-02 Dodge Intrepid
- 650200 Intelli-Flash remote flasher, (2) 6-amp loads, 8 patterns, 2 modes of operation, 12-24 VDC (for additional flashing needs)

TECHNICAL SPECIFICATIONS

Volts 12.8 VDC
 Current Draw: *3-Pack Style*
 Amber.....0.78 amps
 Blue.....1.05 amps
 Red.....0.78 amps
 Operating Temperature-30°C to 65°C

Current Draw: *6-Pack Style*
 All Amber1.56 amps
 All Blue.....2.10 amps
 All Red.....1.56 amps
 Amber/Red.....1.56 amps
 Amber/Blue.....1.83 amps
 Red/Blue1.83 amps
 Operating Temperature-30°C to 65°C

Dimensions

3-Pack Style
 Height.....2.5 in (6.4 cm)
 Length4.0 in (10.2 cm)
 Width1.5 in (3.8 cm)
 Shipping Weight.....0.7 lbs. (0.32 kg)

6-Pack Style
 Height.....2.5 in (6.4 cm)
 Length7.8 in (19.8 cm)
 Width1.5 in (3.8 cm)
 Shipping Weight.....1.4 lbs. (0.63 kg)

Approvals

- SAE 595 Light Output
- SAE 1113/41 Radio Frequency Interference
- CAC Title 13, Article 22
- FCC Part 15



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