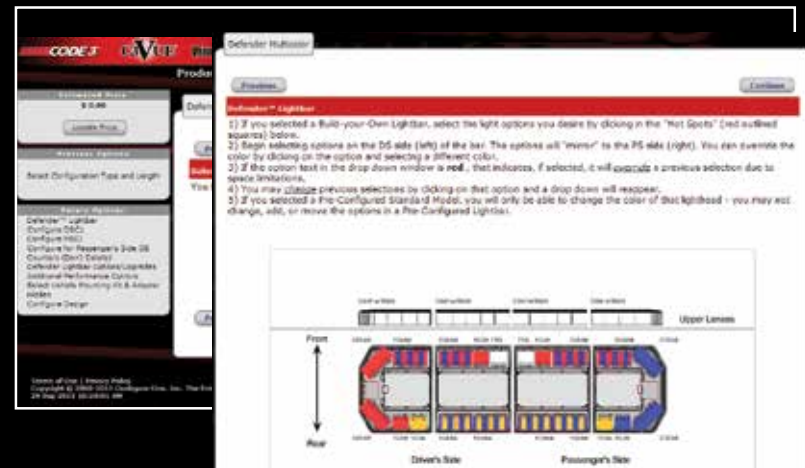# DEFENDER®

QUADCORE™
TECHNOLOGY

Features

- Single and MultiColor in Red, Blue, Amber, White, or Red/Blue, Red/White, Blue/White, Red/Amber, Amber/White
- 3" Single Color (6 LED) and MultiColor (12 LED) Lightheads Available
- 6" Single Color (12 LED) and MultiColor (24 LED) Lightheads Available
- Alleys, Scene and Takedowns
- New Flash Pattern Software (1000 Single/1050 MultiColor)
- One Touch Setting/Changing of Flash Patterns
- Flasher/Steady Burn Feature for Work Lights and Scene Lights
- Dimming Feature
- Corner Cruise Lights
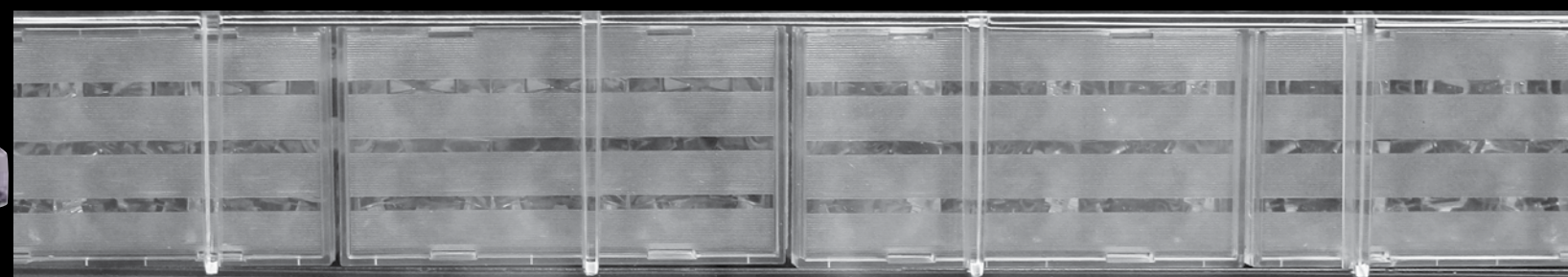- Built-In NarrowStik Function

Options

- Opticom™ 795H Infrared LED Emitter (E795LP)
- Serial Interface
- NASCC ArrowStik® Controller Shows Emulation Patterns
- Quick Disconnect Switch
- Auto Dimming w/Photo Cell
- Solar Panel with Battery Charger
- Black Intermolded Solar Barrier is Standard – Red, Blue, or Amber Optional

Specifications

- Standard Lengths: 23", 35", 36", 44", 47", 48", 52", 58", 70", 82", 94"
- 13.5"D x 2.25" H
- 12 Volt
- Meets Applicable SAE J845, NFPA, California Title 13, and ECE65 specifications when properly configured
- 5-Year Warranty on QuadCore Modules

C3Vue Configurator

- Code 3's C3Vue allows you to configure a lightbar to your exact specifications in a virtual environment providing you with a price and allowing you to place your order. You can specify the location and color of each lighthead, color of the top lenses and many other options including a top mounted solar panel and flash pattern software. Contact Code 3 or your local rep for additional information.

Adjustable Mounting Feet

- Angular Adjustment for Varied Roof Surfaces
- Pursuit Speed Tested
- One Mounting Bolt System Per Side
- Low Rise for Better Fit
- Pair of New Adjustable Feet Come with Each Defender with QuadCore.

Precisely adjust both the front and back of the lightbar for an impeccable fit!

CODE 3®

10986 North Warson Road, St. Louis, MO 63114
(314) 426-2700 | cs-c3@code3esg.com | www.code3esg.com

C3Quad15 (10/15 2K)

CODE 3®

DEFENDER®

QUADCORE™
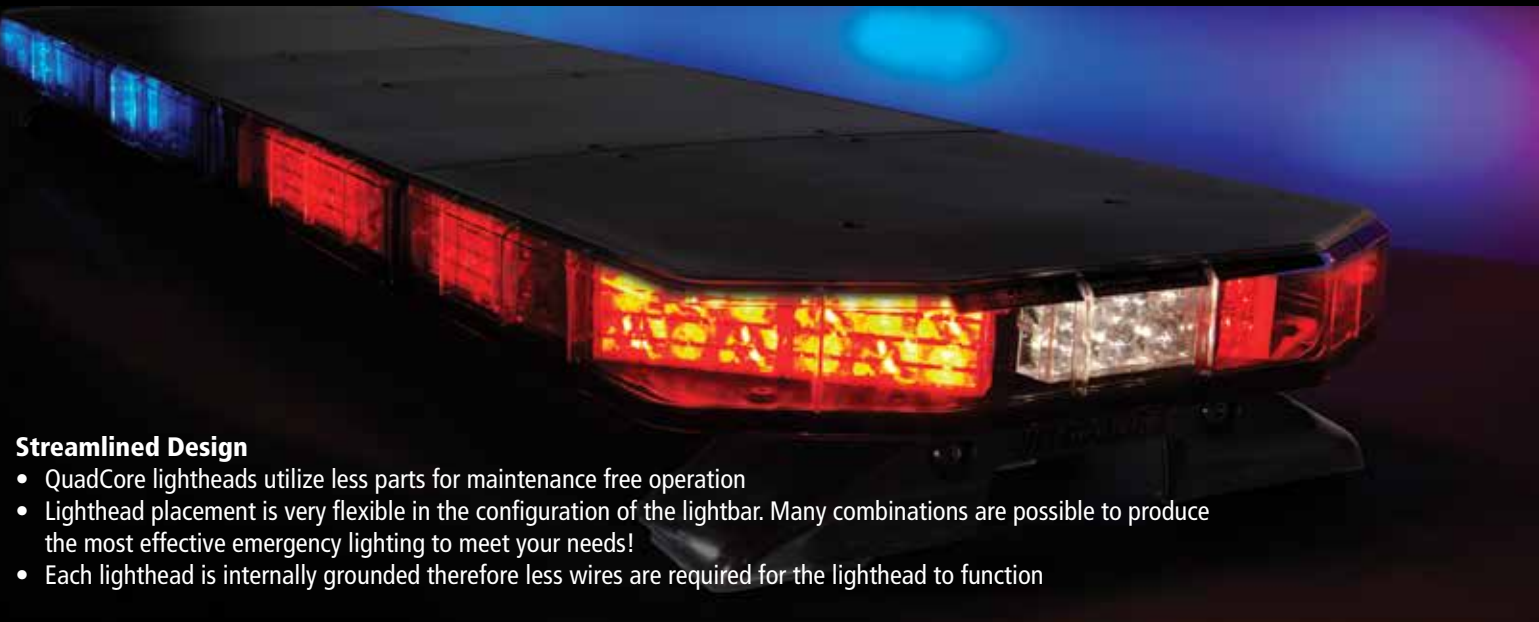## TECHNOLOGY

DEFENDER® QUADCORE™ TECHNOLOGY

The new Defender with QuadCore is an exciting advancement of our Defender series lightbar. The QuadCore lightheads utilize a streamlined design that uses less parts and a new, more efficient heat sink that allows for outstanding heat dissipation. Along with the new lightheads, a new central controller board opens up a whole new world of flash pattern options. With the new central controller board, you can synchronize individual banks of lightheads giving you the ultimate in flash pattern customizability.

DEFENDER® QUADCORE™ TECHNOLOGY

Lighthead Benefits:
- Patented micro-optic diffuser and low-profile faceted optic shape provides a more uniform spread of light
- 3 sub-optics capture light efficiently for **superior** light concentration, providing high color intensity in either daytime or low light situations

- Takedowns and alley lights are extremely bright down the center allowing the light to point right where it's needed
- A new central controller board combined with the exceptional brightness of the QuadCore lightheads provides officers with maximum visibility and safety

See all the ways the Defender has been improved!

Streamlined Design
- QuadCore lightheads utilize less parts for maintenance free operation
- Lighthead placement is very flexible in the configuration of the lightbar. Many combinations are possible to produce the most effective emergency lighting to meet your needs!
- Each lighthead is internally grounded therefore less wires are required for the lighthead to function

Improved Central Controller Board
- New CC board allows for a multitude of new flash patterns
- Provides the capability to synchronize banks of lights
- Makes programming flash patterns easier than ever
- GUI interface has been changed to reflect the new board
- SmartPro controller has been updated to allow for even easier programming

Cool and Clear
- A new mounting system provides better heat transfer to the frame keeping the lightheads and interior of the bar cool
- A redesigned interface between the lower lens and mounting plate provides an improved sealing system
- Redesigned connectors eliminate pinch points

Easy to Remove and Replace Lightheads
- Simply remove the screws, unplug the lighthead, replace it and tighten screws
- New locating tab allows for quicker replacement of lightheads

Modularity
- Modular design allows standard lightbars to be created from three unique lens lengths
- Modules can be combined to build many lightbar lengths (23", 35", 36", 44", 47", 48", 50", 52", 58", 70", 82", 94")

6.75"	11.6"	11.5"
Short Center (SC)	Long Center (LC)	Outboard (OB)