BG2 SMART MODULAR LIGHT BAR

FT-BG2S*-****-**-*

KEY FEATURES ABOUT THE BG2S

The race for the most light is over. In today's digitally connected world full of distracted drivers, it's more important to use the right type of light in only the correct areas. With the BG2S, every module has the ability to engage spot, flood, scene, or colored lights independently. This means you can focus on the big picture of the scene and control the white lighting, warning lighting, and traffic director functions from one interconnected system.

MARKER, TRAFFIC, AND WARNING LIGHT CONFIGURATION OPTIONS

Each BG2 module has the option to add a color circuit with either amber, red or blue LEDs. This independent circuit can be programmed to function as a traditional marker light, a dynamic traffic director, or as a warning light.

MARKER LIGHT
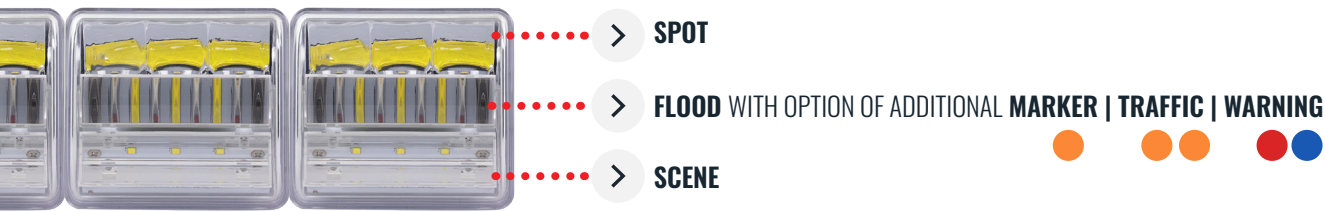
TRAFFIC DIRECTOR

OR

WARNING LIGHT

SPOT / FLOOD / SCENE LIGHT

All BG2 modules come standard with three different beam patterns that are equipped with white LEDs and can be controlled independently.

> **SPOT**

> **FLOOD** WITH OPTION OF ADDITIONAL **MARKER | TRAFFIC | WARNING**

> **SCENE**

CUSTOMIZABLE LIGHTING CONFIGURATIONS

MARKER LIGHT OPTION
Add an additional circuit with amber LEDs to select modules to function as marker lights (available with all BG2S lighting packages).

TRAFFIC DIRECTOR OPTION
Add an array of amber LED circuits to your BG2S to create a synchronized traffic indicator across a single (Smart) or multiple (Smart Multi-System) BG2 light fixtures available with Smart and Smart Multi-System BG2 lighting packages.

OR

WARNING LIGHT OPTION
Add an array of colored (red, blue, or amber) LED circuits to your BG2S to create a synchronized warning light across a single (Smart) or multiple (Smart Multi-System) BG2S light fixtures (available with Smart and Smart Multi-System BG2 lighting packages).

GLOW MODE
Engages the scene BG2S lighting circuit to produce a soft, downward facing glow that is suitable for non-mission critical service calls (available on any smart fixture or system).
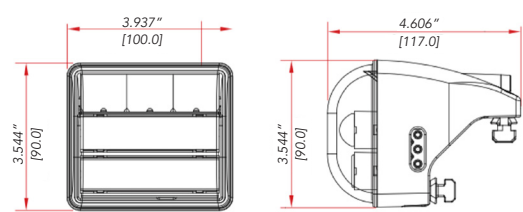
GO MODE
Engages spot, flood, and scene BG2S lighting circuits simultaneously with MAX intensity that is suitable for mission critical service calls (available on any smart fixture or system).

CRUISE MODE
Engages colored LED circuit only with low-intensity (available with Multi-System BG2S Package only).

DIMENSIONS

3.937"
[100.0]

3.544"
[90.0]

4.606"
[117.0]

3.544"
[90.0]

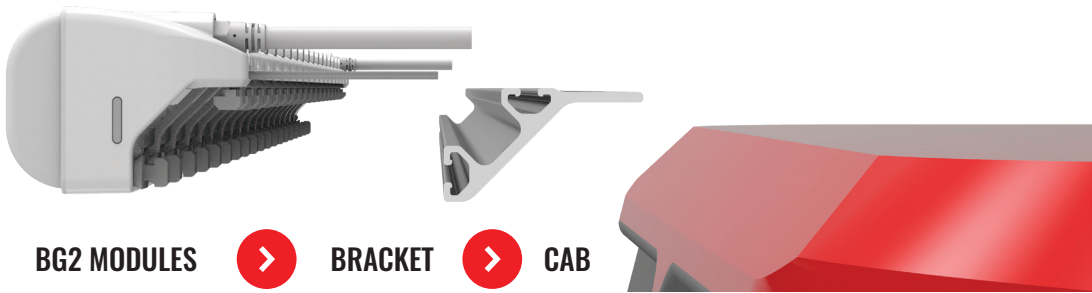| BG2S 4" MODULE	
VOLTAGE RANGE	9-32V DC
MAX POWER CONSUMPTION	32 WATTS
RAW LUMENS PER MODULE	3,400
OPERATING TEMP. RANGE	-40°C TO 60°C
INGRESS PROTECTION RATING	IP67/69K
DIMENSIONS	3.544" x 3.937" x 4.606"

EXPANDABLE MODULAR DESIGN

The building block and backbone for this system is a 4" wide light module with a variety of circuits packed inside. Each module is attached to a custom extrusion and shares power through our innovative bridging pin connectors. The modular design allows for sizes ranging from a single module wide up to the full length of the apparatus.

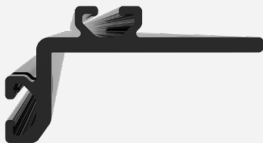# CUSTOM TOOLED MOUNTING BRACKET FOR ANY CAB

The key to minimizing shadowing is correct placement on the apparatus. With BG2S, a custom-tooled extrusion is matched to the installation location, which results in optimal placement on the edge of the apparatus body. No fabricating, cutting, or thinking are required. Just choose the correct extrusion, mount the track, and send the truck down the road. Choose your chassis brand:

FERRARA REVGROUP · KME REVGROUP · Pierce · rosenbauer · SPARTAN · SUTPHEN · AHRENS-FOX FIRE ENGINE CO.

BG2 MODULES → **BRACKET** → **CAB**

AVAILABLE MOUNTING BRACKETS

45 Degree Extrusion
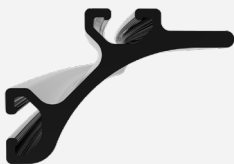
90 Degree Extrusion
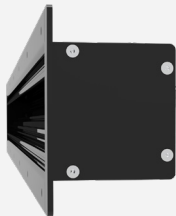
2" Radius Extrusion

3" Radius Extrusion

2.75" Radius Curved Extrusion

2" Radius Curved Extrusion

Recessed Extrusion

Top Mount 90 Degree Extrusion
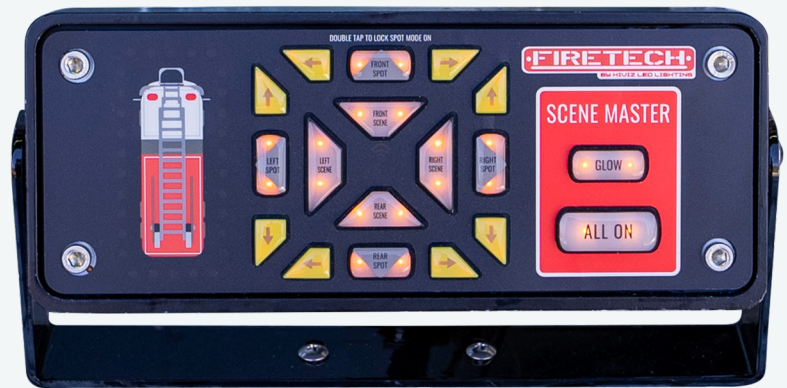
BG2S USER INTERFACE PANEL

The BG2 Smart lighting system is a solution for firefighters that makes it easier and faster to get lights on the scene. It uses optically grouped fixtures, one switch panel location, and customizable button panels to help rapidly put light in any area around the truck. You can have up to four User Interface Panels installed in different areas of the truck so you can easily adjust the lighting no matter where you are on the truck.

Active load management is a unique feature of BG2S systems that ensures the alternator's power matches the amount of power being drawn from the battery. This prevents the truck from shutting off and having to work in the dark. The User Interface Panel senses the amount of power being drawn and will dim the lights when necessary.

ULTIMATE CONTROL
USER INTERFACE PANEL

» Eliminates hassle of apparatus electrical integration.

» Quickly change between all lighting modes across multiple light fixtures.

» Sync multiple panels together to control system from more than one location.

BG2S USER INTERFACE PANEL IN HOUSING
FT-BG2S-UIP-001-MOUNT

SCENE LIGHT

WHOLE APPARATUS
TRAFFIC DIRECTOR