BG2S USER INTERFACE PANEL ORDERING INFORMATION

·FIRETECH·®
BY HIVIZ LED LIGHTING

P/N: FT-BG2S-UIP-001

Date: _____

Name: _____

Company / Agency: _____

Email Address: _____

Phone Number: _____

PO Number (if applicable): _____

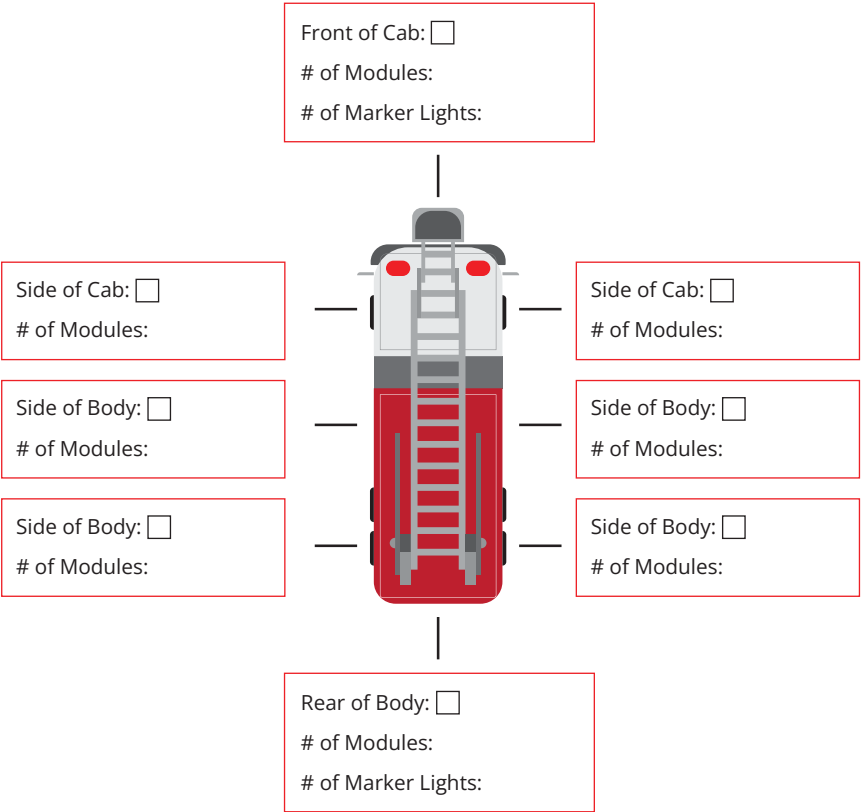Truck Job / VIN / Serial #: _____

Engineering Point of Contact: _____

STEP 1:

Check off each area you will have BG2S fixtures on your truck, then type in the total number of modules in each fixture.

Note: If you have an engineering drawing of your apparatus you can use that as long as it clearly shows the location/ placement of each BG2S fixture and it is noted how many modules are in each fixture.

FIXTURE LENGTHS TO MODULES

6" = 1 Module	**40"** = 9 Modules
10" = 2 Modules	**42"** = 10 Modules
12" = 2 Modules	**44"** = 10 Modules
16" = 3 Modules	**48"** = 11 Modules
18" = 4 Modules	**52"** = 12 Modules
20" = 4 Modules	**56"** = 13 Modules
24" = 5 Modules	**60"** = 14 Modules
26" = 6 Modules	**64"** = 15 Modules
28" = 6 Modules	**68"** = 16 Modules
32" = 7 Modules	**72"** = 17 Modules
34" = 8 Modules	**76"** = 18 Modules
36" = 8 Modules	**80"** = 19 Modules

Front of Cab: ☐
# of Modules:
# of Marker Lights:

Side of Cab: ☐
# of Modules:

Side of Cab: ☐
# of Modules:

Side of Body: ☐
# of Modules:

Side of Body: ☐
# of Modules:

Side of Body: ☐
# of Modules:

Side of Body: ☐
# of Modules:

Rear of Body: ☐
# of Modules:
# of Marker Lights:

STEP 2:

Review the list of BG2S functions and their descriptions.

CRUISE MODE	Turns on the color circuit to a steady burning "on" low power mode
GLOW MODE	Turns on the scene circuit (bottom circuit) to create a glow/halo around the truck. Used for general purpose work light but not super bright
SPOT	White light circuit that produces the most distance and tightest beam pattern
FLOOD	The middle sone with medium beam spread and very wide beam pattern
SCENE	The white light zone closest to the apparatus. Scene shines down and out asymmetrically
ALT. FLASH	An alternating double flash pattern
TRAFFIC DIRECTOR LEFT/RIGHT	Sequential traffic directing light going from left to right or right to left
MARKER LIGHTS	Turns on 5 clearance and ID lights: outer edges and center group of 3 (spaced per DOT standard)
WARNING 1	A flash pattern which alternates even and odd module color circuits and includes a left/right alt. flash of the spot circuit on the front of the apparatus
WARNING 2	A flash pattern which randomizes color circuits and includes a left/right alt flash of the spot white circuit on the front of the apparatus
WARNING 3	A flash pattern which randomizes color circuits and includes a randomized flash of the spot white circuit on the front of the apparatus
WHITE LIGHT CUTOUT / WHITE FLASH DISABLE	This mode disables white light flash when warning circuits are active. Attach to park break or park circuit for NFPA compliance
DIM WHITE	When this circuit is on, the white scene light circuits will be dimmed to the pre-set percentage (50% by default). If you would like a different default please write percentage in the table
DIM COLOR	When this circuit is on, the warning and traffic director circuits will be dimmed to the pre-set percentage (50% by default). If you would like a different default please write percentage in the table
DIM LOW VOLT	When this circuit is on, the lights will dim 50% voltage is low
ALERT ACTIVE	This output trigger can only be selected if you have a HAAS Device and is only applicable if one of your inputs is a Warning 1, Warning 2, or Warning 3

STEP 3:

Check off if you would like to use the default input setup or if you would like to pick your own. If you choose to pick your own, use the "Choose Your 4 Custom Input Functions" section on the next page to check off the four you want, then write the function below as well as the intended trigger for the function.

Please see page 4 for a full list of input functions to choose from.

DEFAULT INPUT SETUP: ☐

	TRIGGER	FUNCTION	FUNCTION DESCRIPTION
INPUT 1	**Emergency Master**	Warning 1	Triggers a warning function
INPUT 2	**Parking Brake**	Cutout White Warning	White light cutout for warning function
INPUT 3	**Marker Light Brow**	Marker Lights Brow	Triggers clearance and ID marker lights
INPUT 4	**Any Door Open**	Glow Mode	Triggers "glow" mode

CUSTOM INPUT SETUP: ☐

	TRIGGER	FUNCTION
INPUT 1		
INPUT 2		
INPUT 3		
INPUT 4		

STEP 4:

Check off if you would like to use the default output setup or if you would like to pick your own. If you choose to pick your own, use the "Choose Your 2 Custom Output Triggers" section on the next page to check off the two you want, then write the output trigger in the "Button/Trigger" section below as well as a description of what the output trigger will be controlling.

Please see page 4 for a full list of output triggers to choose from.

DEFAULT OUTPUT SETUP: ☐

	BUTTON/TRIGGER	DESCRIPTION
OUTPUT 1	**Scene On Front**	Vehicle voltage when "front scene light" button active
OUTPUT 2	**All On**	Vehicle voltage when "all on" button active

CUSTOM OUTPUT SETUP: ☐

	BUTTON/TRIGGER	DESCRIPTION OF WHAT THE OUTPUT WILL BE CONTROLLING
OUTPUT 1		
OUTPUT 2		

CHOOSE YOUR 4 CUSTOM INPUT FUNCTIONS:

FUNCTION	EVERYWHERE	BROW	REAR	DRIVER SIDE	PASSENGER SIDE	BROW + REAR	DRIVER + PASSENGER
Cruise Mode:	☐	☐	☐	☐	☐	☐	☐
Glow Mode:	☐	☐	☐	☐	☐	☐	☐
All On Mode:	☐	☐	☐	☐	☐	☐	☐
Spot:	☐	☐	☐	☐	☐	☐	☐
Flood:	☐	☐	☐	☐	☐	☐	☐
Scene:	☐	☐	☐	☐	☐	☐	☐
Alt. Flash:	☐	☐	☐	☐	☐	☐	☐
Warning 1:	☐	☐	☐	☐	☐	☐	☐
Warning 2:	☐	☐	☐	☐	☐	☐	☐
Warning 3:	☐	☐	☐	☐	☐	☐	☐
Marker Lights:	-	☐	☐	☐	☐	-	-
White Light Cutout:	☐	-	-	-	-	-	-
Warning Light Cutout:	☐	-	-	-	-	-	-
Dim White: (provide %)	☐	-	-	-	-	-	-
Dim Color: (provide %)	☐	-	-	-	-	-	-
Dim Low Volt: (provide %)	☐	-	-	-	-	-	-

CHOOSE YOUR 2 CUSTOM OUTPUT TRIGGERS:

FUNCTION	EVERYWHERE	BROW	REAR	DRIVER SIDE	PASSENGER SIDE	BROW + REAR	DRIVER + PASSENGER
Glow Mode:	☐	-	-	-	-	-	-
All On Mode:	☐	-	-	-	-	-	-
Spot:	-	☐	☐	☐	☐	-	-
Scene:	-	☐	☐	☐	☐	-	-
Alert Active:	☐	-	-	-	-	-	-

STEP 5:

Please send a copy of this form to **orders@hivizleds.com**.
If you have a drawing of your apparatus, please include that as well.