

nROADS[®]

PRODUCT CATALOG



SoundOff
Signal |||||[®]
Amber Solutions

nROADS®

ALL ABOUT CHOICES.

Snow plows, pickup trucks, utility vehicles, refuse trucks, paving equipment and other amber equipment each create their own unique warning light needs.

nROADS was designed to offer the broadest level of **performance** and pricing options in the market.



We know you have enough to be concerned with at work and shouldn't have to worry about **safety issues** associated with passing motorists.

That's why we powered nROADS with Nexus Technology, the same extremely bright illumination technology used in our successful nFORCE® line of law enforcement products.

The product was developed with an all new rugged look that reinforces the sturdy designs of today's trucks and heavy duty equipment.

nROADS is backed with our five-year no hassle warranty.



- Lightbars
- Beacons
- Accessories



Exterior Full Size LED Lightbar



ENRLB

● ● ● ● ○ To order configured products, contact your sales representative or customer service department.

Features

- Modules can be configured as single or dual color
- Inboard modules are offered in single color LED modules, single color LED max modules, dual color LED modules or dual color LED max modules
- Corner modules are offered in single color LED modules, single color LED max modules, dual color LED module or dual color LED max modules
- Lightbars with dual color modules that include white LEDs are capable of providing a full 360 degrees of bright scene lighting
- Arrow control modules can be combined with warning colors for maximum functionality
- Dual color lightbars utilize Windows-based PC application to simplify programming and enhance configurability and control
- Single color lightbars feature direct connect
- Includes cruise mode, low power mode and two front and rear control modes (direct connect)
- Takedowns, work light and stop/tail/turn modules are optional

Technical Specifications

INPUT VOLTAGE RANGE	10-16 Vdc
STANDBY CURRENT	@ 35 Degrees C: < 0.1mA
NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC	<p>Inboard Warning Modules</p> <p>Single Color LED modules: < .4 Amp; LED max modules: < .6 Amp</p> <p>Dual Color LED modules: < .4 Amp; LED max modules: < .6 Amp</p> <p>Corner Modules</p> <p>Single Color LED modules: < .6 Amp; LED max modules: < .8 Amp</p> <p>Dual Color LED modules: < .6 Amp or LED max modules: < .8 Amp</p> <p>Takedown</p> <p>< .4 Amp</p> <p>Alley</p> <p>< .5 Amp</p>
NUMBER OF LEDS AND MAXIMUM DRAW PER MODULE @ 12.8 VDC	<p>Inboard Warning Modules</p> <p>Single Color LED modules: < 2.6 Watts; LED max modules: < 3.8 Watts</p> <p>Dual Color LED modules: < 2.6 Watts; LED max modules: < 3.8 Watts</p> <p>Corner Modules</p> <p>Single Color LED modules: < 3.8 Watts; LED max modules: < 5.1 Watts</p> <p>Dual Color LED modules: < 3.8 Watts; LED max modules: < 5.1 Watts</p> <p>Takedown</p> <p>5.1 Watts</p> <p>Alley</p> <p>< 6.4 Watts</p>
OPERATING TEMPERATURE	-40° C to +65° C / -40° F to +149° F
DIMENSIONS	<p>Lengths</p> <p>4 Module: 36" (91 cm); 5 Module: 42" (107 cm); 6 Module: 48" (122 cm); 7 Module: 54" (137 cm) and 8 Module: 60" (152 cm)</p> <p>Height</p> <p>All modules: 2.55" (6.5 cm)</p> <p>Depth</p> <p>All modules: 12" (31 cm)</p>
MOUNTS	Standard Hook Bracket mount with angle adjustment wedges Headache Rack mount
CERTIFICATIONS	SAE J845/J595 Class 1 certified California Title 13, Class B certified
WARRANTY	Five-year

New!

Connect-n-Go! Streamline installation with this pre-programmed system.



Includes an nROADS Fleet exterior lightbar, handheld remote controller and the choice of four, two or zero mpower® lights.

Lightbars



nROADS[®] Mini and Mid-Size Lightbars



**Mini Size Lightbar
ENRMBSSMZ117**

Available in clear and amber lens



**Mid-Size Lightbar
ENRMBSSMZ124**

Available in clear and amber lens

● ● ● ● ○ To order configured products, contact your sales representative or customer service department.

Features

- Lightbars can be configured as single, dual or tricolor for maximum functionality
 - Single color: your choice of 3 LED, 6 LED, 9 LED or 12 LED modules
 - Dual color: 6 LED or 12 LED modules (direct connect only)
 - Tricolor: 18 LED modules (direct connect only)
- Available in magnetic, standard permanent or headache rack mounts
 - Magnetic mount includes a 10 foot cig plug cord with integrated 2-button rocker switch panel
- Ability to customize with all white illumination to light up work areas
- Cruise and low power modes
- Premium aluminum base
- Durable polycarbonate lens

Technical Specifications

INPUT VOLTAGE RANGE	10-16 Vdc (9-32 vdc is available upon request)
NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC	<p>3 LED Single Color Steady burn, 6.4 Watts, flashing, 3.2 Watts</p> <p>6 LED Single Color Steady burn, 12.8 Watts, flashing, 6.4 Watts</p> <p>6 LED Dual Color Steady burn, 6.4 Watts, flashing, 3.2 Watts</p> <p>9 LED Single Color Steady burn, 19.2 Watts, flashing, 9.6 Watts</p> <p>12 LED Single Color Steady burn, 25.6 Watts, flashing, 12.8 Watts</p> <p>12 LED Dual Color Steady burn, 12.8 Watts, flashing, 6.4 Watts</p> <p>18 LED Tricolor Steady burn, 12.8 Watts, flashing, 6.4 Watts</p>
NUMBER OF LEDS AND MAXIMUM DRAW PER MODULE @ 12.8 VDC	3 LED Single Color: .5 Amp; 6 LED Single Color: 1 Amp; 6 LED Dual Color: .5 Amp or 9 LED Single Color: 1.5 Amp
FLASH PATTERNS	43 flash patterns and 9 user-selectable modes
LIGHT SYNC	Up to 24
OPERATING TEMPERATURE	-40° C to +65° C
DIMENSIONS	<p>Length: Mini 6 Module: 17.2" (43.7 cm)</p> <p>Length: Mid-Size 8 Module: 24.25" (61.6 cm)</p> <p>Height 2.83" (7.2 cm)</p> <p>Width 7.95" (20.2 cm)</p>
MOUNTS	Magnetic mount Standard Permanent mount Headache Rack mount
CERTIFICATIONS	3 LED Single and 6 LED Dual Colors: J845 Class 2 certified; 6, 9 and 12 LED Single 12 LED Dual and 18 LED Tricolors: J845 Class 1 certified or Solid Colors: (amber, blue or red) and CA Title 13 certified
WARRANTY	Five-year



Mini Size, Clear Lens Lightbar

Rugged bright.

Three mount options to fit your vehicle and illuminate your work.

Lightbars

Mid-Size, Amber Lens Lightbar





Low and High Dome Beacons



Low Dome Beacon

Flat Pipe **ENRBCSLCS**

Magnetic, Cig Plug **ENRBCSLCS**

Available in clear and amber lens



High Dome Beacon

Flat Pipe **ENRBCSHCD**

Magnetic, Cig Plug **ENRBCSHMZ**

Available in clear and amber lens

● ● ● ● ○ To order configured products, contact your sales representative or customer service department.

Features

- Low dome has 4 modules and high dome has 8 modules
- Beacons can be configured as single, dual or tricolor for maximum functionality
- Single color offers your choice of 3 LED, 6 LED, 9 LED or 12 LED modules
- Dual color offers your choice of 6 LED or 12 LED modules (direct connect only)
- Tricolor has 18 LED modules (direct connect only)
- Offset dual stack Includes 8 total modules that provide 360 degrees of intense lighting coverage
- Ability to customize with all white illumination to light up work areas
- Cruise and low power modes
- Premium aluminum base
- Durable polycarbonate lens
- Top LEDs are optional

Technical Specifications

INPUT VOLTAGE RANGE	10-16 Vdc or 9-32 Vdc (configurable option)	
NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC	3 LED Single Color:	Steady burn, 6.4 Watts, flashing, 3.2 Watts
	6 LED Single Color:	Steady burn, 12.8 Watts, flashing, 6.4 Watts
	6 LED Dual Color:	Steady burn, 6.4 Watts, flashing, 3.2 Watts
	9 LED Single Color:	Steady burn, 19.2 Watts, flashing, 9.6 Watts
	12 LED Single Color:	Steady burn, 25.6 Watts, flashing, 12.8 Watts
	12 LED Dual Color:	Steady burn, 12.8 Watts, flashing, 6.4 Watts
	18 LED Tricolor:	Steady burn, 12.8 Watts, flashing, 6.4 Watts
NUMBER OF LEDS AND MAXIMUM DRAW PER MODULE @ 12.8 VDC	3 LED Single Color:	.5 Amp
	6 LED Single Color:	1 Amp or 6 LED Dual Color: .5 Amp
	9 LED Single Color:	1.5 Amp
	12 LED Single Color:	2 Amp; 12 LED Dual Color: 1 Amp
	18 LED Tricolor:	1 Amp
FLASH PATTERNS	43 flash patterns; 9 user selectable modes	
LIGHT SYNC	Up to 24	
OPERATING TEMPERATURE	-40° C to + 65° C	
DIMENSIONS	Low Dome Height: 3.6" (9.25 cm)	Diameter: 8.6" (21.8 cm)
	High Dome Height: 5.3" (13.4 cm)	Diameter: 8.6" (21.8 cm)
MOUNTS	Permanent mount Magnetic mount (magnetic includes 10 foot cig plug cord with integrated 2-button rocker switch panel) 1" NPT pipe mount	
CERTIFICATIONS	3 LED Single and 6 LED Dual Colors: J845 Class 2 certified 6, 9, 12 LED Single, 12 LED Dual and 18 LED Tricolors: J845 Class 1 certified 6, 9 LED Single and 12 LED Dual Colors: CA Title 13 certified	
WARRANTY	Five-year	



Low Dome, Clear Lens Beacon

Work in the round.

Eight modules means 360 degrees of intense lighting coverage.

Beacons

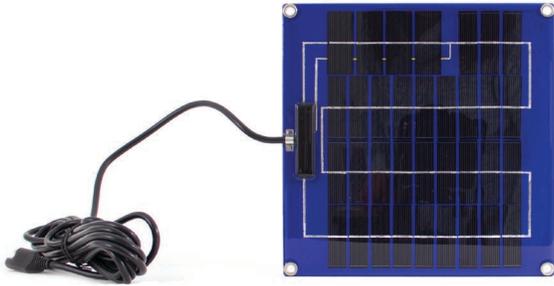
High Dome, Amber Lens Beacon



nROADS® Exterior Full Size LED Lightbar Accessory

FLEET SERIES

Lightbars are sold separately.



Retrofit Solar Panel Kit

Note: Color choices reflect top cover selection. Refer to the photo below.

Blue (shown)
Gray
Red
Yellow

PNFLBTSLGLBL
PNFLBTSLGLGY
PNFLBTSLGLRD
PNFLBTSLGLYL

Features

- Alleviates dead batteries
- Integrates with existing nROADS Fleet Series lightbar (24 inch not available)
- Charges batteries while the vehicle is sitting idle
- Seamless design
- No exposed wires
- Nearly undetectable when installed
- Five-year warranty



Shown on a 36 inch lightbar.
Not available for the 24 inch lightbar.
Lightbars sold separately.

nROADS® Mini and Mid-Size Lightbar Accessory

Lightbars are sold separately.



Four Button Cig Plug Controller (configurator option)



Shown with a mini size LED lightbar

Features

- Replicates the four control wires available on the discrete wire option
 - Four different flash patterns/color combinations can be stored and accessed at the push of a button
 - Color backlighting shows which button(s) are being activated
 - Backlit buttons can be set to always on or to sleep after 10 seconds
 - Indicator LED will flash when user activates programming mode
 - Audio feedback when button are pressed can be active or deactivated
 - Backlight level of the buttons are adjustable
-

nROADS[®] Beacon Accessories

Beacons are sold separately.



Shown with a high dome beacon

Branch Guard and Base Plate Kit

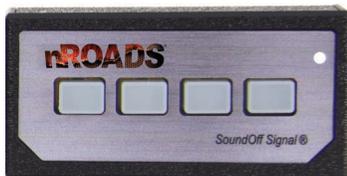
Flat/Pipe Mount, High and Low Dome

PNRBCBGBH

Features

- Designed specifically for use with the nROADS flat/pipe, high and low dome beacons
- Provides added protection to beacons operating in harsh working environments
- Black steel

Four Button Cig Plug Controller (configurator option)



Shown with a high dome beacon

Features

- Replicates the four control wires available on the discrete wire option
- Four different flash patterns/color combinations can be stored and accessed at the push of a button
- Color backlighting shows which button(s) are being activated
- Backlit buttons can be set to always on or to sleep after 10 seconds
- Indicator LED will flash when user activates programming mode
- Audio feedback when buttons are pressed can be active or deactivated
- Backlight level of the buttons are adjustable



VHB Magnetic Plate Adapter Kit

Kit includes (1) one VHB pad and metal plate

PNRLBKØ3

Note: 3 (three) plate adapter kits are required for the beacon

Feature

- Additional mounting options when using non-magnetic mounting surfaces

nROADS®

PRODUCT CATALOG

**SoundOff
Signal** ®

www.soundoffsignal.com

PO Box 206
Hudsonville, MI 49426

Toll free: 1.800.338.7337

Office direct: 616.896.7100

Order fax: 616.896.1286



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