

NEW



WELDON
A DIVISION OF AKRON BRASS

Diamondback™

LED PERIMETER WARNING LIGHT

With incredible brightness, unmatched directional visibility, customized pattern and styling flexibility, and unique serviceability, the new, patent-pending LED Perimeter Warning Light is loaded with powerful innovations that deliver unprecedented performance!

FEATURES

- Utilizes patented V-LED technology that provides industry leading brightness, thermal performance, and reliability
- Unique V-LED design allows field upgrade of LEDs
- Pure-Pattern™ optical elements provide optimal light output
- Exceeds industry requirements (NFPA, SAE, KKK-A-1822)
- Four independently controlled LED segments allow for unmatched flash pattern options (left/right, up/down, x-pattern, chasing, and many more)
- Unmatched styling flexibility through the used of colored and colorless optical elements
- Flush mount design utilizes only four screw holes and a wire exit hole in vehicle. Mounting pattern is common with most popular style lamps.
- Injection molded mounting pad is integrated with lamp head
- High impact polycarbonate lens with scratch and haze resistant hard-coating provides a lifetime of durability and clarity
- Four-wire lamp hook-up (power, ground, sync, and secondary enable wires)
- Chrome trim bezel option with injection molded gasket
- 12 and 24V operation
- Protected against reverse polarity, ESD, and transient voltage spikes (J1113-11)
- Fully tested for RF interference and susceptibility



Patented V-LED design allows replacment of LEDs



7 x 9



4 x 6



3 x 4



3 x 7



2 x 6



Lamp Configuration:

- Tailor your own unique look with downloadable, customized flash patterns
- Lamp is completely reconfigurable via wireless download without removing lens or lamp from vehicle
- Wireless application software runs on any Windows CE device with an IrDA communications port (PPC 2003 or later and .NET Compact Framework 2.0 required)
- Primary and secondary patterns, A/B flash phase, secondary activation polarity, and security mode can be transmitted to lamp in under a second



V264 Series 2" X 6"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V26W-R*	2X6 D Back Red LEDs W/ Red Lens	0.31	0.165
V26W-C00R*	2X6 D Back Red LEDs W/ Clear Lens, Clr Optics	0.31	0.165
V26W-C10R*	2X6 D Back Red LEDs W/ Clear Lens, Red Optics	0.31	0.165
0B80-2495-00	Chrome Bezel Kit for 2"X6" Diamondback		
0N60-2508-00	Diamondback Wireless Programming Device		

V34 Series 3" X 4"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V34W-R *	RED LEDS W/ RED LENS	0.31	0.165
V34W-C00R *	RED LEDS W/ CLEAR LENS, CLEAR OPTICS	0.31	0.165
V34W-C10R*	RED LEDS W/ CLEAR LENS, RED OPTICS	0.31	0.165
0B80-2334-00	CHROME BEZEL KIT FOR 3X4 DIAMONDBACK		
0C20-2191-XX**	V34 REPLACEMENT COVER LENS		

V37 Series 3" X 7"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V37W-R *	RED LEDS W/ RED LENS	0.62	0.33
V37W-C00R *	RED LEDS W/ CLEAR LENS, CLEAR OPTICS	0.62	0.33
V37W-C10R*	RED LEDS W/ CLEAR LENS, RED OPTICS	0.62	0.33
0B80-2335-00	CHROME BEZEL KIT FOR 3X7 DIAMONDBACK		
0C20-2170-XX**	V37 REPLACEMENT COVER LENS		

V46 Series 4" X 6"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V46W-R *	RED LEDS W/ RED LENS	0.62	0.33
V46W-C00R *	RED LEDS W/ CLEAR LENS, CLEAR OPTICS	0.62	0.33
V46W-C10R*	RED LEDS W/ CLEAR LENS, RED OPTICS	0.62	0.33
0B80-2336-00	CHROME BEZEL KIT FOR 4x6 DIAMONDBACK		
0C20-2177-XX**	V46 REPLACEMENT COVER LENS		

V79 Series 7" X 9"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V79W-R *	RED LEDS W/ RED LENS	1.24	0.67
V79W-C00R *	RED LEDS W/ CLEAR LENS, CLEAR OPTICS	1.24	0.67
V79W-C10R*	RED LEDS W/ CLEAR LENS, RED OPTICS	1.24	0.67
0B80-2337-00	CHROME BEZEL KIT FOR 7X9 DIAMONDBACK		
0C20-2184-XX**	V79 REPLACEMENT COVER LENS		

*Use same configurations for Amber (A), and Blue (B) LED's. Lamps with Green (G), and White (W) LED's available with Clear Lens and Clear Optics only. (Amp draw varies slightly with color LED's used)
See the Diamondback configuration guide on our website www.weldoninc.com for split color combination options.
**XX DENOTES COLOR -10 RED, -20 AMBER, -30 CLEAR, -40 BLUE

www.weldoninc.com

