



# Eagle Signal Backplates Ordering Information

## Description

Traffic signal backplates are designed to properly shield a traffic signal from background obstructions. The backplate provides a dark silhouette that isolates the signal face from store lights, signs, sunlight and other environmental conditions that tend to reduce the brilliance of the light indications. A recent study found that backplating can cut the number of vehicle accident claims at intersections by nearly 15%.

## Features

- **Cored Holes** with the use of stainless steel thread forming screws are provided in the die cast aluminum and polycarbonate traffic signals for quick, easy installation of backplates.
- **Aluminum Backplates** are fabricated from .063" 5052-H32 aluminum and are standardly primed and painted flat black on both sides. Aluminum backplating provides the strongest strength-weight ratio and is very resistant to weather and corrosion in harsh environments.
- **Poly Backplates** are fabricated from .125" high density polyethylene (HDPE) and are standardly dull black on one side and semi-gloss black on the other side. Polyethylene backplating is very resistant to impacts and abrasions. It will also keep its strength and shape in extreme temperatures and severe weather scenarios. Available with 1", 2" and 3" wide reflective tape installed in center or flush with outside edge of border. If reflective tape is required, the backplates will be fabricated from ABS material.



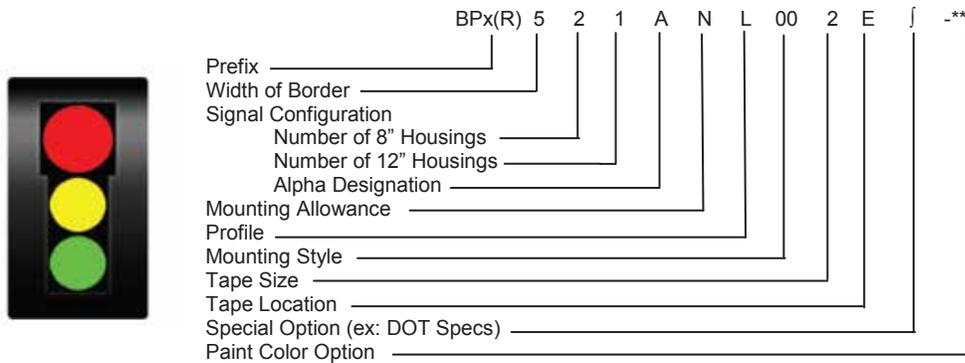
Signal Backplates by Eagle

# Signal Accesories by Eagle

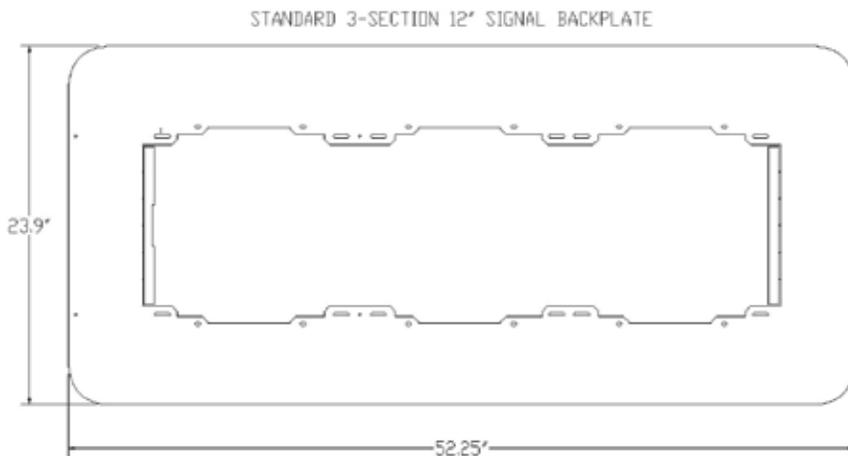
## Backplate Number Construction Code

PREFIX	WIDTH OF BORDER	SIGNAL CONFIGURATION			PLUMBIZER MOUNTING ALLOWANCE	PROFILE
		NUMBER of 8" (200MM) HOUSINGS	NUMBER of 12" (200MM) HOUSINGS	* ALPHA DESIGNATION		
BPA = ALUM for SIG	5 = 5"	1	1	A	N = NONE	F = FLAT
BPB = POLY for SIG	-	-	-	-	E = STD	L = LOUVERED
BPC = ALUM for SA	8 = 8"	-	-	-	R = RYALL (FREY)	
BPD = POLY for SA	-	5	5	Z		

\* Use the lowest signal alpha designation for the wanted signal arrangement. Reference VFA [Vehicle Face Arrangement] Chart.



Note: Please specify color on the order if different from the standard



All of Eagle signals and accesories are built with the highest standards in quality and manufacturing. With a long standing history of technological innovations, well renowned customer service, and high quality products and services, Eagle is the leader in traffic technology products and solutions. For more information on our product line, see our website at [www.browntraffic.com](http://www.browntraffic.com).

