



## Federal Signal introduces the new AIREL Illumination Thermal Identification System



### Be Seen. Be Powerful.

Federal Signal announces its new product release to the various public safety segments. The AirEL Illumination Identification System with its one of a kind technology provides vehicles with an illumination on the hood of the vehicle which can easily be identified in the distance and low light conditions from the sky. It is made from an electroluminescent material that provides years of illumination and identification. It is a game changer in the public safety arena.

#### FEATURES

- Instant visual identification
- Easy installation
- Can be changed from vehicle to vehicle
- Energy efficient
- Weatherproof
- FCC Compliant
- Optional Thermal Identification
- Operates in DC/AC power





**HOW TO ORDER**

1. Select illuminated numbers:
  - a. AELN-0
  - d. AELN-3
  - g. AELN-6
  - j. AELN-9
  - b. AELN-1
  - e. AELN-4
  - h. AELN-7
  - c. AELN-2
  - f. AELN-5
  - i. AELN-8
2. Select Pods (One per number):
  - a. AEL-PODB
  - b. AEL-POBW
3. Select Inverter:
  - a. AEL-PX300 (for two numbers)
  - b. AEL-PX450 (for three number)
4. If desired, select an infrared thermal power supply:
  - a. AEL-PXIR
5. If desired, select an Airdek to mount the numbers:
  - a. AELAD-UPL15
  - b. AELAD-U15
  - c. AELADP-TAH15

Model #	Description	2015 List Price
<b>Illuminated Numbers</b>		
AELN-0	Illuminated Number '0', 20", Blue	\$199.00
AELN-1	Illuminated Number '1', 20", Blue	\$199.00
AELN-2	Illuminated Number '2', 20", Blue	\$199.00
AELN-3	Illuminated Number '3', 20", Blue	\$199.00
AELN-4	Illuminated Number '4', 20", Blue	\$199.00
AELN-5	Illuminated Number '5', 20", Blue	\$199.00
AELN-6	Illuminated Number '6', 20", Blue	\$199.00
AELN-7	Illuminated Number '7', 20", Blue	\$199.00
AELN-8	Illuminated Number '8', 20", Blue	\$199.00
AELN-9	Illuminated Number '9', 20", Blue	\$199.00

Model #	Description	2015 List Price
<b>Inverter</b>		
AEL-PX300	Inverter for up to 2 characters	\$299.00
AEL-PX450	Inverter for up to 3 characters	\$299.00
<b>Infrared/Thermal Power Supply</b>		
AEL-PXIR	Infrared/Thermal Power Supply	\$299.00
<b>AirDek</b>		
AELAD-UPL15	Air Dek, 2015 Ford Utility Low Profile	\$389.00
AELAD-U15	Air Dek, 2015 Ford Utility	\$389.00
AELAD-TAH15	Air Dek, 2015 Chevy Tahoe	\$389.00
<b>Electronic Pods</b>		
AEL-PODB	Housing Pods, Black	\$10.00
AEL-PODW	Housing Pods, White	\$10.00



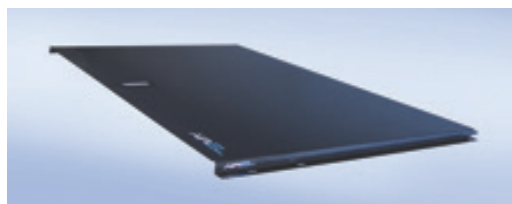
Illuminated Numbers



Inverter



Infrared/Thermal Power Supply



AirDek



Electronic Pods



SPECIFICATIONS

A E L - P X 3 0 0				
	Letter Area	Min	Typical	Max
Voltage		10.0V	13.8V	16.0V
DC Input Current	150in <sup>2</sup>	1.4A	1.8A	2.2A
	225in <sup>2</sup>	1.5A	1.9A	2.3A
	300in <sup>2</sup>	1.7A	2.1A	2.5A
AC Output Current	150in <sup>2</sup>	155V	180V	205V
	225in <sup>2</sup>	135V	160V	185V
	300in <sup>2</sup>	130V	155V	180V
Luminance	150in <sup>2</sup>	160cd/m <sup>2</sup>	200cd/m <sup>2</sup>	220cd/m <sup>2</sup>
	225in <sup>2</sup>	120cd/m <sup>2</sup>	150cd/m <sup>2</sup>	165cd/m <sup>2</sup>
	300in <sup>2</sup>	105cd/m <sup>2</sup>	130cd/m <sup>2</sup>	145cd/m <sup>2</sup>
Standby DC Current		0.3µA	<1µA	5µA

A E L - P X 3 0 0				
	Letter Area	Min	Typical	Max
Voltage		10.0V	13.8V	16.0V
DC Input Current	200in <sup>2</sup>	1.4A	1.8A	2.2A
	300in <sup>2</sup>	1.5A	1.9A	2.3A
	450in <sup>2</sup>	1.7A	2.1A	2.5A
AC Output Voltage	200in <sup>2</sup>	145V	175V	200V
	300in <sup>2</sup>	135V	160V	185V
	450in <sup>2</sup>	125V	145V	165V
Luminance	200in <sup>2</sup>	155cd/m <sup>2</sup>	195cd/m <sup>2</sup>	215cd/m <sup>2</sup>
	300in <sup>2</sup>	125cd/m <sup>2</sup>	155cd/m <sup>2</sup>	170cd/m <sup>2</sup>
	450in <sup>2</sup>	105cd/m <sup>2</sup>	130cd/m <sup>2</sup>	145cd/m <sup>2</sup>
Standby DC Current		0.3µA	<1µA	5µA

A E L - P X 3 0 0			
	Min	Typical	Max
Voltage	10V	13.8V	15.0V
DC Input Current			18A
Enabled DC Current	0.16A	0.17A	0.18A
AC Output Voltage	110V	115V	120V

TIMING

Orders for the new AIREL will be accepted beginning on 10/1/2015