



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



### Be Seen. Be Powerful.

Federal Signal announces its new product release for the public safety industry. The AIREL Illuminated Thermal Identification System incorporates one of a kind technology that provides vehicles with an illumination on the vehicle which can easily be identified from the air. 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

- Enables vehicles to be identified in low light conditions by airborne helicopters
- Easy installation
- Can be moved from one vehicle to another using AirDek
- Energy efficient
- Weatherproof
- FCC Compliant
- Optional Thermal Identification
- Three year limited warranty



#### TIMING

Orders for the new AIREL will be accepted beginning on 10/8/2015



HOW TO ORDER

1. Select illuminated 20-inch 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 Mounting Pods (One per number):
  - a. AEL-PODB (Black)
  - b. AEL-POBW (White)
3. Select Inverter:
  - a. AEL-PX300 (for use with one or two numbers)
  - b. AEL-PX450 (for use with three number)
4. If desired, select an optional 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 MSRP
<b>Illuminated Numbers</b>		
AELN-0	Illuminated Number '0', 20-inches, Blue	\$199.00
AELN-1	Illuminated Number '1', 20-inches, Blue	\$199.00
AELN-2	Illuminated Number '2', 20-inches, Blue	\$199.00
AELN-3	Illuminated Number '3', 20-inches, Blue	\$199.00
AELN-4	Illuminated Number '4', 20-inches, Blue	\$199.00
AELN-5	Illuminated Number '5', 20-inches, Blue	\$199.00
AELN-6	Illuminated Number '6', 20-inches, Blue	\$199.00
AELN-7	Illuminated Number '7', 20-inches, Blue	\$199.00
AELN-8	Illuminated Number '8', 20-inches, Blue	\$199.00
AELN-9	Illuminated Number '9', 20-inches, Blue	\$199.00

Model #	Description	2015 List MSRP
<b>Inverter</b>		
AEL-PX300	Inverter for up to 2 characters	\$299.00
AEL-PX450	Inverter for 3 characters	\$299.00
<b>Infrared/Thermal Power Supply</b>		
AEL-PXIR	Infrared/Thermal Power Supply	\$299.00
<b>AirDek</b>		
AELAD-UPL15	AirDek, 2013-2016 Ford Utility Low Profile	\$389.00
AELAD-U15	AirDek, 2013-2016 Ford Utility	\$389.00
AELAD-TAH15	AirDek, 2013-2015 Chevy Tahoe	\$389.00
<b>Mounting Pods</b>		
AEL-PODB	Housing Pods, Black	\$10.00
AEL-PODW	Housing Pods, White	\$10.00



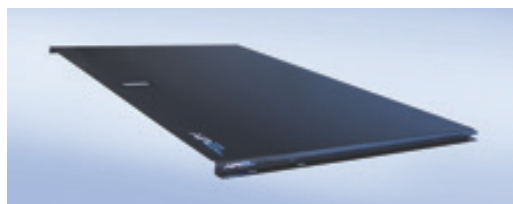
Illuminated Numbers



Inverter



Infrared/Thermal Power Supply



AirDek



Mounting Pod



SPECIFICATIONS

AEL - P X 3 0 0				
	Letter Area	Min	Typical	Max
Voltage		10.0V	13.8V	16.0V
DC Input Current	150in <sup>2</sup> - 300in <sup>2</sup>	1.4A	1.9A	2.5A
AC Output Current	150in <sup>2</sup> - 300in <sup>2</sup>	130V	163V	205V
Luminance	150in <sup>2</sup> - 300in <sup>2</sup>	105cd/m <sup>2</sup>	160cd/m <sup>2</sup>	220cd/m <sup>2</sup>
Standby DC Current		0.3μA	<1μA	5μA

AEL - P X 4 5 0				
	Letter Area	Min	Typical	Max
Voltage		10.0V	13.8V	16.0V
DC Input Current	200in <sup>2</sup> - 450in <sup>2</sup>	1.4A	1.9A	2.5A
AC Output Voltage	200in <sup>2</sup> - 450in <sup>2</sup>	125V	160V	200V
Luminance	200in <sup>2</sup> - 450in <sup>2</sup>	105cd/m <sup>2</sup>	160cd/m <sup>2</sup>	215cd/m <sup>2</sup>
Standby DC Current		0.3μA	<1μA	5μA

AEL - P X I R			
	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

SHIPPING INFORMATION

Illuminated numbers and power supplies ship from Bridgeton, New Jersey. All AirDek models ship from Northbrook, Illinois.