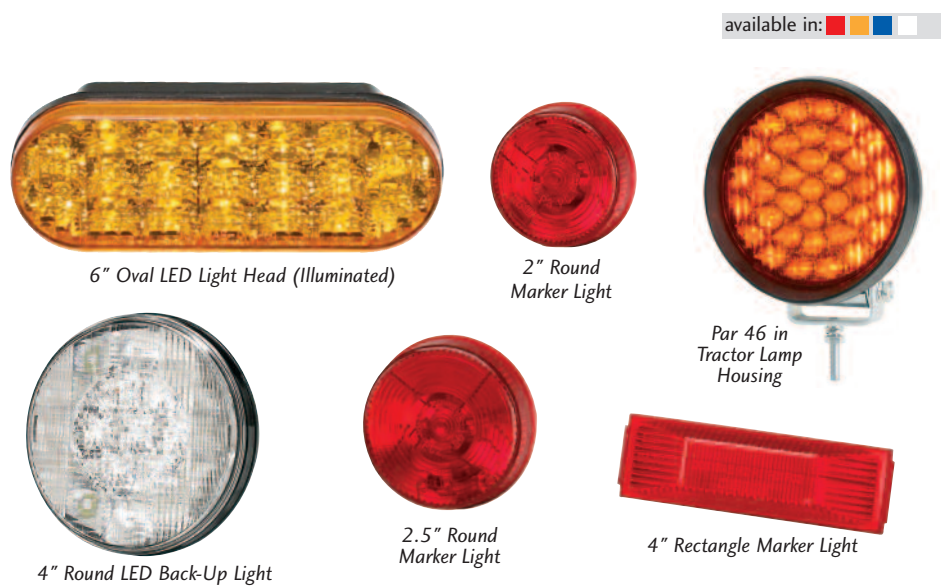


# SIGNALTECH LED LIGHTS



## Signaltech™ LED Light Series

The SIGNALTECH™ LED lights feature a high-impact resistant polycarbonate housing and the unique “reflector-cell” technology that enhances brightness - even in full sunlight. The SIGNALTECH LED lights were developed around emergency vehicle specifications. Take advantage of SIGNALTECH’s reduced maintenance costs associated with LED technology.

## Flashing LED Light Kits

Flashing SIGNALTECH LED light kits feature a “fully potted”, integrated flasher. A separate power supply is not required for these kits. Each LED light head produces an attention-getting 72 quad flashes per minute by simply applying voltage. The flashing, LED light heads come equipped with an override feature that allows the user to sequence multiple LED light heads using an external flasher, such as the INTELLI-FLASH™ Series-Model 650203. Flashing SIGNALTECH LED lights meet either SAE J1318, SAE J845, or SAE J595 requirements.

## S-T-T, Turn, and Back-Up LED Light Kits

Complement your “quad” flashing LED light kits with Federal’s S-T-T (Stop, Tail, Turn), turn, and back-up LED light kits. All LED light kits feature a triple sealed plug that allows for easy installation to existing back-up, S-T-T, and turn circuits. The LED lights operate at 12 or 24 VDC and are voltage regulated for consistent light output. All LED lights comply with the latest FMVSS 108 and SAE standards.

## Side Marker/Clearance Lights

The SIGNALTECH Side Marker/Clearance lights are an excellent complement to the flashing or S-T-T LEDs. They feature a state-of-the-art optical lens and the patented DIGIBULB™ LED design, which eliminates the “dot” effect of normal LED side marker lights. The light heads are available in 2” and 2.5” round, and 4” rectangle formats. All models operate at 12 volts, and meet FMVSS 108, DOT, and SAE standards.

## FEATURES

- Reflector-cell technology enhances brightness – even in full sunlight.
- Enhanced lens design for a uniform light pattern, unlike other LED lights.
- 12 or 24 volt operation.
- “Potted”, solid-state components.
- Extremely low amp draw.
- Protected against moisture and contaminants.
- Protected against voltage spikes.
- High, impact-resistant polycarbonate housing.
- Protected against shock and vibration.

## APPROVALS

- Flashing: SAE J1318, SAE J845, SAE J595, and California Title 13.
- Back-Up/Turn, S-T-T: FMVSS 108, SAE J1398, and SAE J593.

## HOW TO ORDER

### FLASHING MODELS

- 607123 4" Round Flashing LED light kit, SAE J1318 (available in amber, blue, and red)
- 607101 6" Oval Flashing LED light kit, SAE J1318 (available in amber, blue, and red)
- 607128-02 4" Round Flashing LED light kit, SAE J595, California Title 13, amber
- 607129-02 6" Oval Flashing LED light kit, SAE J595, California Title 13, amber
- 607126 5" Round Par 46 flashing LED kit, SAE J595, California Title 13, (available in amber and red)
- 607127 5" Round Par 46 flashing LED light with rubber tractor housing, SAE J595, California Title 13, (available in amber and red)

### S-T-T AND TURN MODELS

- 607100-04 4" Round LED S-T-T light kit, red
- 607105-04 6" Oval LED S-T-T light kit, red
- 607102-02 4" Round LED Turn light kit, amber
- 607106-02 6" Oval LED Turn light kit, amber

### SIDE MARKER/CLEARANCE LIGHT MODELS

- 607119-02 2" Round side clearance kit, amber
- 607119-04 2" Round side clearance kit, red
- 607120-02 2.5" Round side clearance kit, amber
- 607120-04 2.5" Round side clearance kit, red
- 607122-02 4" Rectangle side clearance kit, amber
- 607122-04 4" Rectangle side clearance kit, red

### BACK-UP LIGHT MODELS

- 607124-05 4" Round LED backup light kit
- 607125-05 6" Oval LED backup light kit

(Kits include: LED light head, rubber mounting grommet, and sealed wire harness)

### EXTERNAL FLASHER

- 650203 8 flash patterns, four 4-amp loads, four channels, solid-state for LED auxiliary lighting (Refer to Dock Station Intelli-Flash product bulletin #3402HD for available flash patterns)

### ACCESSORIES

- 605523-02 4" Round Flashing LED light head, amber
- 605523-03 4" Round Flashing LED light head, blue
- 605523-04 4" Round Flashing LED light head, red
- 605501-02 6" Oval Flashing LED light head, amber
- 605501-03 6" Oval Flashing LED light head, blue
- 605501-04 6" Oval Flashing LED light head, red
- 607103-04 4" Round LED S-T-T light head, red
- 607107-04 6" Oval LED S-T-T light head, red
- 607104-02 4" Round LED Turn light head, amber
- 607108-02 6" Oval LED Turn light head, amber
- 605520 4" Round Grommet
- 605510 6" Oval Grommet
- 605500 Sealed Wire Harness for Flashing LED light heads
- 607109 Sealed Wire Harness for S-T-T and Turn LED light heads
- 607110 4" Round flange kit
- 607111 6" Oval flange kit

Physical Specifications:	
Dimensions (Dia. x D.)	2" Round 2 in x 0.78 in (50.8 mm x 19.81 mm)
	2.5" Round 2.5 in x 0.78 in (63.5 mm x 19.81 mm)
	4" Round 4.3 in x 1.75 in (109 mm x 44.5 mm)
Dimensions (L. x D. x H.)	4" Rectangle 4 in x 1.2 in x 0.75 in (101.6 mm x 30.5 mm x 19 mm)
	6.5" Oval 6.44 in x 1.9 in x 2.36 in (163.5 mm x 48 mm x 60 mm)
Ship. Weight:	2" Round: 0.20 lbs (0.9 kg)
	2.5" Round: 0.20 lbs (0.9 kg)
	4" Round: 0.47 lbs (0.17 kg)
	4" Rectangle: 0.20 lbs (0.9 kg)
	6" Oval: 0.48 lbs (0.18 kg)
Flash Rate:	72/min. (Quad) (607101 and 607123)
Voltage:	12/24 VDC (all units operate at 9 to 30 VDC)
	Marker Lights: 12 VDC
Operating Temp.:	-30° C to + 65° C
Amp Draw:	
Flashing Models @ 12.8 V	Amber: 0.26 (average)
	Red: 0.30 (average)
	Blue: 0.17 (average)
S-T-T & Turn Models @ 12.8 V	Red: 0.30 (average)
	Amber: 0.26 (average)
Back-Up Models @ 12 V	Clear: 0.30 (average)



An ISO 9001 Certified Supplier  
2645 Federal Signal Drive, University Park, IL 60466-3195  
Tel.: (800) 824-0254 • Fax: (800) 787-6237  
Web: www.fedsig.com

Signaltech and Intelli-Flash are trademarks of Federal Signal Corporation.  
Digibulb is a trademark of A.L. LIGHTech Incorporated.

©2005 Federal Signal Corporation.