



▶ HighLighter® LED Duo I Mini-Light Bar

FEATURES

- Dual-color capability
- FSLink® syncing technology
- Solaris® LED reflector technology
- ROC (Reliable Onboard Circuitry™) technology
- (25) selectable flash patterns
- 12 Vdc
- LED colors available in Amber, Blue, Green, Red, and White
- Five-year warranty

APPROVALS

- SAE Class 1
- CCR Title 13

New Capabilities

The HighLighter® LED Duo has dual-color capability as well as FSLink® syncing technology. The all new Duo comes in Amber, Blue, Green, Red, and White LED color options. In addition, the HighLighter LED Duo incorporates the same Solaris® LED reflector and ROC (Reliable Onboard Circuitry™) technology that is included in the product family. The Solaris LED reflector significantly increases off-axis warning and maximizes the LED light source to eliminate dark spots and increase visibility while on the road and in work zones. The patented ROC (Reliable Onboard Circuitry) technology is built to minimize potential failure points in the light bar. Wires, connectors, and assemblies have been replaced by PCB assemblies—reducing labor repair time and increasing the road time for work trucks.

FSLink Compatible

FSLink is a built-in software technology that incorporates a shared set of flash patterns (25) within Federal Signal's LED perimeter lights, interior lights, and beacons. This shared flash pattern software allows the various products to be wired together, set in a common pattern, and then synchronized together in order to flash simultaneously or alternately.

Wiring Diagram

FSLink products feature (5) programming wires. Wire functions are consistent across all FSLink products allowing for ease of programming.

Wire	Internal Flasher Mode
Red	To +Vdc for Mode 1
White	To +Vdc for Mode 2
Brown	To +Vdc for Mode 3
Green	+Vdc for programming FSLink/sync
Black	To – Chassis Ground



SPECIFICATIONS

Specifications

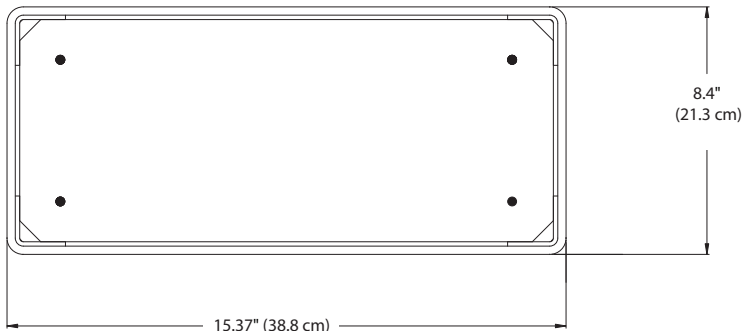
Amp Draw	Max 5.0 A (Total amp draw depends on flash pattern used)
Operating Voltage	12/24 Vdc
Flash Rate	Various
Operating Temperature	-40°F to 149°F (-40°C to 65°C)
LED Count	36 per color
LED Color Option	Amber, Blue, Green, Red, and White
Lens Color Option	Clear

Physical Specifications

	Permanent Mount	Magnet Mount	Suction Cup Mount
Length	15.3 in (38.8 cm)	15.3 in (38.8 cm)	15.3 in (38.8 cm)
Width	8.4 in (21.3 cm)	8.4 in (21.3 cm)	8.4 in (21.3 cm)
Height	2.7 in (6.6 cm)	3.0 in (7.6 cm)	3.0 in (7.6 cm)

Ship Weight

Permanent Mount	Magnet Mount	Suction Cup Mount
3.4 lb (1.5kg)	4.5 lb (2.0 kg)	6.0 lb (2.7 kg)



HOW TO ORDER

454400HL-AB	Clear dome, Amber/Blue LEDs, Suction-cup magnet mount, cigarette plug, on/off switch	454401HL-AR	Clear dome, Amber/Red LEDs, Permanent mount
454400HL-AG	Clear dome, Amber/Green LEDs, Suction-cup magnet mount, cigarette plug, on/off switch	454401HL-AW	Clear dome, Amber/White LEDs, Permanent mount
454400HL-AR	Clear dome, Amber/Red LEDs, Suction-cup magnet mount, cigarette plug, on/off switch	454402HL-AB	Clear dome, Amber/Blue LEDs, Magnet mount, cigarette plug, on/off switch
454400HL-AW	Clear dome, Amber/White LEDs, Suction-cup magnet mount, cigarette plug, on/off switch	454402HL-AG	Clear dome, Amber/Green LEDs, Magnet mount, cigarette plug, on/off switch
454401HL-AB	Clear dome, Amber/Blue LEDs, Permanent mount	454402HL-AR	Clear dome, Amber/Red LEDs, Magnet mount, cigarette plug, on/off switch
454401HL-AG	Clear dome, Amber/Green LEDs, Permanent mount	454402HL-AW	Clear dome, Amber/White LEDs, Magnet mount, cigarette plug, on/off switch



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