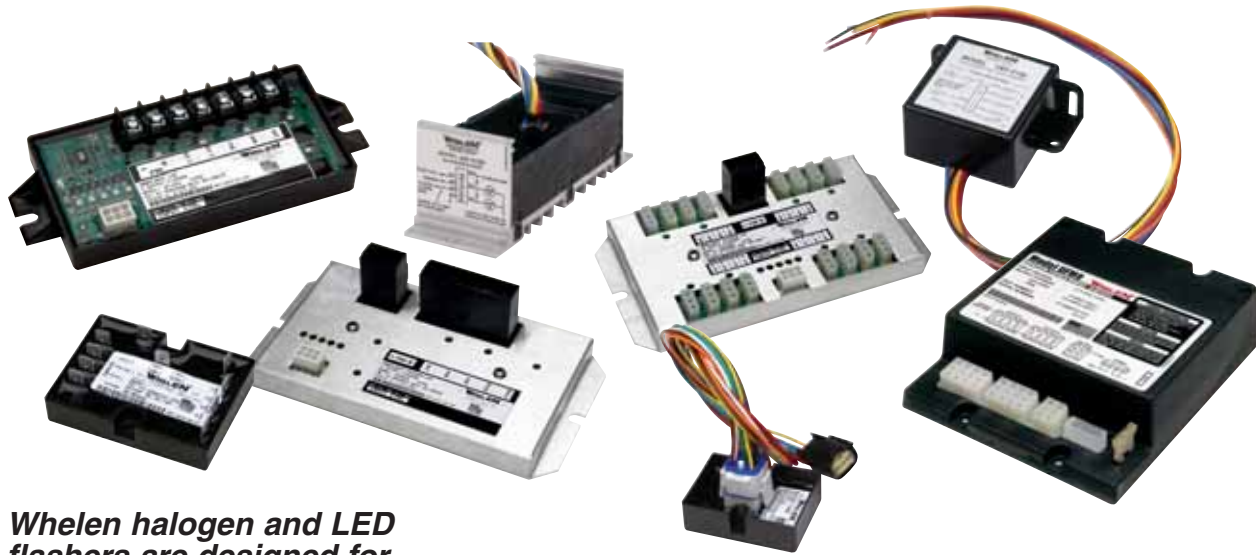# Halogen and LED Flashers

HEADLIGHT, GRILLE LIGHT, TAILLIGHT & SYSTEM FLASHERS

Whelen halogen and LED flashers are designed for heavy-duty long-life operation.

Whether you require a complete certified ambulance system or headlight flashers for your vehicle, Whelen can provide you with the reliable solid-state products you require.

Three new KKK-E certified ambulance flashers provide input controls for KKK-1822A Mode 1 and Mode 2 operation, Scan-Lock™ multi-flash patterns, and Low Power mode. All outlets are high side driven. All models provide LED service indicators and have a two year warranty.

AFM560

Five outlet Halogen, LED or Super-LED ambulance flasher. One wire design using a quick install, high current terminal block. Three outlets will operate up to four 65 watt lamps (20 amps); two outlets will operate two 65 watt lamps (10 amps). Four Scan-Lock flash patterns. Short circuit and thermal protected. Ground wire may be chassis grounded for ease of installation. For interior use only. Dimensions: 5/8" (15mm) H x 7-1/4" (184mm) W x 3-13/16" (97mm) D.

AFL530

Five outlet LED or Super-LED ambulance flasher. One wire design using a quick install 7-position screw terminal block. Three outlets will drive up to 10 amps each, and two outlets will drive 5 amps each. Short circuit and thermal protected. Ground wire may be chassis grounded for ease of installation. Encapsulated for heavy-duty, water resistant performance. Four Scan-Lock flash patterns. Dimensions: 5/8" (15mm) H x 6-1/2" (165mm) W x 2-3/4" (70mm) D.

AFM1660

Two wire design 16 outlet halogen, LED or Super-LED® ambulance flasher. Each outlet will operate up to a 65 watt lamp (5 amps). Short circuit and thermal protected. For interior use only. AMP Mate-N-Lok® connectors. Dimensions: 5/8" (15mm) H x 7-1/4" (184mm) W x 3-13/16" (97mm) D.

Whelen products are proudly made in the U.S.A.

WHELEN ®

Engineers for the Emergency Warning Industry

UNIVERSAL HALOGEN & LED FLASHERS

UFM8
Eight outlet solid-state, Universal® Halogen-LED flasher. Selective switching system (2x2x2x2) separately controls the operation of each pair. Seventeen selectable flash patterns including a Traffic Advisor™ pattern.Dimensions: 1-3/4" (44mm) H x 5-7/8" (149mm) W x 6-3/4" (171mm) D.

ULF44
LED or Super-LED® flasher with synchronization. Four outlet, four channel flasher with 62 Scan-Lock flash patterns allowing for alternating, simultaneous, and synchronized flashing lightheads. Each channel can drive up to 5 amps (60 watts) and is short circuit and thermally protected. Input controls include Scan-Lock and synchronization. Encapsulated design for water resistance and rugged performance.
Dimensions: 1-5/8" (41mm) H x 2" (50mm) W x 2-3/4" (70mm) L.

HEADLIGHT FLASHERS

A full featured, 100% solid-state headlight flasher for Crown Victoria, including connections for "plug and play" convenience of installation.

SSFPOS
Solid-state, 2 outlet, 160 watts per outlet, seven flash patterns, (replaces SS2150).

SSFPOSC6
Solid-state reliability, designed for 2006-2009 Ford Crown Victoria Police Package, with encapsulated electronics. Scan-Lock™ provides seven flash patterns which can be accessed via a momentary switch. 12.8 VDC, and 12.5 amps output. Includes Weatherpak plug & play connectors for ease of installation.
Dimensions: 7/8" (22mm) H x 2" (50mm) W x 2-3/4" (70mm) L.

UHF2150A
Two outlet, 162 watts per outlet headlight/grille light flasher in a compact molded polycarbonate housing with external mounting flanges. For use on positive or negative headlight switching. Solid-state controlled relay output. Four flash patterns.
Dimensions: 3" (76mm) H x 1-1/2" (38mm) D x 4-3/16" (108mm) W.

HEADLIGHT & TAILLIGHT FLASHERS

SSFPOSI6
Solid-state reliability, designed for 2006-2009 Chevy Impala Police Package & 2007-2009 Chevy Tahoe Police Package, with encapsulated electronics. Scan-Lock™ provides seven flash patterns which can be accessed via a momentary switch. 12.8 VDC and 12.5 amps output. Includes Weatherpak plug & play connectors for ease of installation.
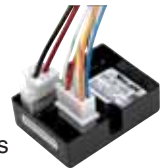Dimensions: 7/8" (22mm) H x 2" (50mm) W x 2-3/4" (70mm) L.

TAILLIGHT FLASHERS

SSF5150D
100% Solid-state, 2006-2009 Ford Crown Victoria compatible, for positive switching taillights with five flash patterns.
Dimensions: 7/8" (22mm) H x 2" (50mm) W x 2-3/4" (70mm) L.

UBF5150
2004-2006 Ford Crown Victoria police package taillight flasher.
Dimensions: 3" (76mm) H x 1-1/2" (38mm) D x 4-3/16" (108mm) W.

OPTIONS

SSFBKT1
SSFPOSC6 Mounting bracket for use with SABKT17 & SAK17, for easy installation.

SPECIFICATIONS

MODELS	UHF2150A	SSFPOSC6 SSFPOSI6 SSFPOS	SSF5150D	UFM8	AFL530	AFM560	AFM1660	ULF44	UBF5150
Applications	Headlights	Headlights & Taillights	Headlights & Taillights	Halogen Lightheads	LED or Super-LED® Lightheads	Halogen, LED or Super-LED Lightheads	Halogen, LED or Super-LED Lightheads	LED or Super-LED Lightheads	Taillight
Construction	100% Solid-state	100% Solid-state	100% Solid-state	100% Solid-state	100% Solid-state	100% Solid-state	100% Solid-state	Solid-state	Solid-state
Connection	Bare Wire	**SSFPOSC6** 06'-10' Crown Vic Police Interceptor Compatible **SSFPOSI6** 06'-10' Chevy Impala Police Package 07'-10' Chevy Tahoe Police Package Compatible **SSFPOS** no connector	Mate-N-Lok™ with Pigtails	Mate-N-Lok with Mating Pigtails	7 Position Terminal Block	2 Position and 5 Position Terminal Blocks	Mate-N-Lok	Spade Terminals	Bare Wire
Number of Outlets	2	2	4	8	5	5	16	4	4
Alt./Simult. Outlets (max)	1x1	1x1	2x2	2x2x2x2	2x3	2x3	8x8	2x2	2x2
Flash Patterns	4	7	5	17	4	4	4	62	1
FPM per Outlet	Flash Patterns	Flash Patterns	Flash Patterns	Flash Patterns	Flash Patterns	Flash Patterns	Flash Patterns	Flash Patterns	55
Input Voltage	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
Output Current per Outlet (amps)	12.5	12.5	5	5	3@10A 2@5A	3@20A 210A	5	5	5
Output Power per Outlet (watts)	162	162	64	75	3@142W 2@71W	3@284W 2@142W	71	60	64
Output Power Total (watts)	324	324	256	600	264	568	568	240	256
Operating Voltage (VDC)	10-16	10-16	10-16	10-16	10-16	10-16	10-16	10-16	10-16
Duty Cycle On/Off	50%	50%	50%	50%*	40%	40%	40%	40%	50%
On/Off Control Switching	175mA	20mA	20mA	50mA	20mA	20mA	20mA	-	Less than 150mA @ 13.5 VDC
Weather Protection	Encapsulated	Encapsulated	Encapsulated	Install	Encapsulated	Install	Install	Encapsulated	Encapsulated
Highbeam Override	yes	yes	-	-	-	-	-	-	-
Night Time Cutoff	yes	yes	-	-	-	-	-	-	-
Certifications	-	-	-	-	-	KKK-E	KKK-E	-	-

* Dependent on flash pattern, 50% in alternating mode, 150 FPM in single flash
**2 outlets with 3 wire pairs each.

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HEADLIGHT AND TAILLIGHT FLASHER REFERENCE CHART

Manufacture/Model	Year(s)	Headlight Flasher	Taillight Flasher
CHEVROLET			
Chevy Impala (Police Package)	2006-2010	SSFPOSI6	standard with SSFPOSI6
Chevy Impala (Non-Police Package)	2004-2009	none	none
Silverado	2007-2009	UHF2150A	none
Suburban	2004-2009	UHF2150A	none
Tahoe (Police Package)	2007-2010	SSFPOSI6	standard with SSFPOSI6
Tahoe (Non-Police Package) Suburban, Yukon, Silverado & Avalanche	2007-2009	UHF2150A	none
FORD			
Crown Victoria (Police Package)	2006-2010	SSFPOSC6	SSF5150D
Crown Victoria (Police Package)	2004-2005	UHF2150A	UBF5150
Crown Victoria (Non-Police Package)	2004-2006	UHF2150A	UBF5150
Expedition XL (Not XLT)	2004-2009	UHF2150A	UBF5150
Explorer XL (Not XLT)	2004-2009	UHF2150A	UBF5150
F-Series Pick-Up*	2004-2009	UHF2150A	UBF5150
DODGE			
Intrepid (Police Package)	2004-2005	UHF2150A	none

*must have night-time cutoff activated (brown wire must be connected).