

WHELEN®

LED MID-LEVEL LIGHTING



*For complete warning coverage for your vehicle,
add rugged, dependable LED lighting!*



Emergency lighting that is incredibly bright but with low current draw. These compact mid-level lighting products are rated for 100,000 hours of heavy-duty operation because they have no glass or filaments to break. Many are epoxy encapsulated for further moisture and vibration protection.

Now you can choose the style and level of intensity you require from our standard high intensity LED to the new Super-LED® (generation 3.5) models which rival strobe in intensity and performance.

- All Whelen LED's provide superior efficiency, reliability and durability.
- State-of-the-art optics perform brilliantly, even in bright sunlight!
- TIR3™, TIR6™, Linear Super-LED® and 5mm LED models pack all the punch of strobe for today's most effective LED warning lighting.
- Low current, low heat, efficient operation does not drain your car's battery.
- Built-in multiple flash patterns ... select from up to 20 flash patterns depending upon the product you choose.
- Whelen LED's power up to full intensity more quickly than any glass or gas filament type lamp providing faster warning and reaction time.
- Five-year HDP® Heavy-Duty Professional warranty. See warranty statement for complete details.



"Engineers for the Emergency Warning Industry"



Whelen LED Mid-Level Lighting...

Highlight your windshield, dash, deck, visor, mirrors and trunk with long life, low maintenance LED & Super-LED® warning lights. Because Whelen packs in more LEDs per square inch than any other manufacturer, you'll get extremely high density light visible at greater distances. Most LEDs and electronics are epoxy encapsulated so they'll stand up to road shock, vibration and moisture. Clear outer lenses for stealth appearance transform to brilliant color when lit.



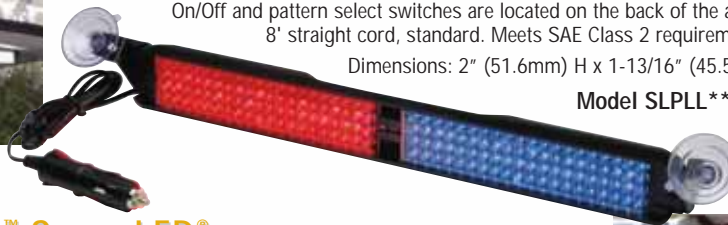
SlimLighter™ LED

The newest generation of LED dash lighting in a slim shape that fits perfectly in many vehicle locations. Ultra slim profile, fully featured SlimLighter hides on the front or back windshield of your vehicle until you select from one of the powerful flash patterns desired. The self-contained SlimLighter Series has 20 Scan-Lock™ selectable flash patterns. The 16-3/8" lighthead is fully LED populated and attaches to the windshield with suction cup mounting swivel brackets or permanently to headliner or deck.

On/Off and pattern select switches are located on the back of the assembly. Cigar plug and 8' straight cord, standard. Meets SAE Class 2 requirements.

Dimensions: 2" (51.6mm) H x 1-13/16" (45.5mm) D x 16-3/8" (416mm) L

Model SLPLL** with Dual 5mm LED lamps, SLPLLRB shown.



SlimLighter™ TIR6™ Super-LED®

The latest in ultra bright TIR6 Super-LED dash lighting in a slim shape that fits perfectly in many locations on your vehicle. Lightweight polycarbonate housing with rounded corners is safer for use inside of the vehicle in the event of an accident or airbag activation. SlimLighter TIR6 Super-LED Series provides direct and wide-angle warning that rivals strobe in intensity. LED's are rated for 100,000 hours of long life operation of heavy-duty use because they have no glass or filaments to break and low current consumption. The self-contained SlimLighter Series provides 20 Scan-Lock selectable flash patterns and includes an 8' cord with cigar plug and On/Off switch with a LED "ON" indicator. Models color combinations available are amber, red, blue and white with clear outer lens and optional color lenses. Swivel bracket for permanent or suction cup mounting, standard. Meets SAE Class 2 requirements and has a 5 year HDP®, Heavy-Duty Professional warranty

Dimensions:

1-5/8" (42mm) H x 16-3/8" (416mm) W x 1-13/16" (46mm) D.

MODEL SLPMM** with Dual Super-LED lamps, SLPMMRB shown.



FlatLighter™ LED

This compact dual 400 Series LED lighthead allows versatile mounting in your vehicle producing a highly effective warning signal. Mounts only onto the visor, allowing concealment of warning light until needed, for quick easy use, below the tint line of most vehicle windshields. Two built-in hook and loop mounting straps secure lighthead to the visor and is designed for internal use. FlatLighter LED is airbag compatible, includes a built-in On/Off switch, pattern section push buttons with 20 Scan-Lock flash patterns (defaults to last pattern used), 8' straight cord and cigar lighter plug. Dual, epoxy encapsulated, 4" x 3" LED panels allow for alternating or simultaneous flash which creates a more attention getting flash patterns than a single lamp product. Meets SAE Class 2 requirements and has a 5 year warranty. U.S. Patent Pending.

Dimensions: 1-1/4" (32mm) D x 4-1/2" (114mm) H x 13" (330mm) L

MODEL FLLEDBR with Dual lamp LED, FLLEDBR shown.

OPTIONS 43LENS*: 400 Series Color Lens, customer installed.



Mirror-Beam™ LED

Custom molded housings with 500 Series LED lightheads fit over vehicles existing mirror glamour caps. Mid-level lighting from the outside of the vehicle reduces interior clutter and eliminates airbag safety concerns. Mirror-Beam's lenses follow the winged back angle of the outside rearview mirrors to put unobstructed warning light at critical 45 degree intersection angles. Mirror-Beams have 14 flash patterns to choose from and are available for Ford's Crown Victoria, Explorer, Chevy Impala, Silverado, Avalanche, Tahoe and Suburban. Standard with clear outer lens for stealth look.

(In textured black finish, sold in pairs only).
MODEL MBL****, with LED Lamp, MBLRRRR driver's side shown.

Mirror-Beam Linear Super-LED®

Similar to above Mirror-Beam Series but using 500 Series mirror mounted remote Linear Super-LED® lightheads. Includes 15' cables with AMP connectors, one CSL2A LED ballast and 10 flash patterns (In textured black finish, sold in pairs only).

MODEL MBM****, with Linear Super-LED Lamp, MBMRRRR driver's side shown (passenger's side in photo).



Replace * in model number with color desired: A=amber; B=blue; C=clear/white; R=red and G=green.

Talon™ Series Linear Super-LED® (patent pending)

This compact, lightweight warning light packs full-size Linear Super-LED power that rivals strobe in intensity! Now you can have serious warning protection in a package that's easy to mount or transfer from vehicle to vehicle. Single and dual models available with swivel/bail bracket and 3 suction cups standard. Lightweight but sturdy, rated for 100,000 hours of operation. Snap-on polycarbonate hood secures with two screws, minimizing flashback to the operator. Polycarbonate assembly is safer in vehicle in the event of an accident or airbag deployment. Selection switch on dual model for 21 Scan-Lock™ flash patterns, and on single model for 15 Scan-Lock patterns. 8' straight cord with cigar plug and on/off switch with LED "ON" indicator. Meets SAE Class 1 requirements. Selection switch for flash patterns is located on the back of the lighthead. Split LED models are available, please contact factory for information.

Single Dimensions: 3-3/4"-4-1/4" (95-108mm) H x 2-1/2" (64mm) D x 5-11/16" (145mm) L
Dual Dimensions: 3-3/4"-4-1/4" (95-108mm) H x 2-1/2" (64mm) D x 10-3/4" (273mm) L

TLN1*: Single module.
TLN2**: Dual modules.



Talon Super-LED Synchronized

TLNS Synchronize models provide unified warning lighting on your vehicle. Same features and sizes as the Talon Series but includes a swivel bracket with suction cups, 3 wire pigtail, 5 available flash patterns both with a Phase 1 & Phase 2 for alternate and simultaneous flashing lamps modes. Single and dual models and are available with optional hood.

Single Dimensions: 3-3/4"-4-1/4" (95-108mm) H x 2-1/2" (64mm) D x 5-11/16" (145mm) L
Dual Dimensions: 3-3/4"-4-1/4" (95-108mm) H x 2-1/2" (64mm) D x 10-3/4" (273mm) L

TLNS1*: Single module, synchronized.
TLNS2**: Dual modules, synchronized.



Talon Super-LED 3rd Brake Light

TLNCV5 straddles 3rd brake light with two Linear-LED lighthead in molded polycarbonate housing for 2005 Ford Crown Victoria. External low power control and 4 Scan-Lock™ flash patterns with simultaneous, alternating and cycle patterns with steady flash and steady-burn. Supplied with four wire pigtail.

Dimensions: 2-13/16" (72mm) H x 5-15/16" (150mm) D x 19-11/16" (500mm) L

TLNCV5**: Dual modules for rear deck mounting around 3rd brake light of 2005-2006 Ford Crown Victoria.



Dominator™ Series LED Traffic Advisor™ & Warning Modules

Small size and waterproof design make this series versatile for your warning and signaling needs. Available as a six or eight light array Traffic Advisor, or in two, four, six and eight light flashing models (sold in pairs). Dominator features super bright TIR3™ LED's in rugged aluminum housing. Compact enough for special use vehicles, motorcycles, quads and marine applications. Flashing models provide seven flash patterns and a steady-on mode, pairs may be synchronized to each other or to other Whelen synchronizing products. Traffic Advisor models provide six directional sequences and 10 Scan-Lock patterns with a low power mode. Traffic Advisors require customer supplied switches or Whelen optional control head.

Dimensions: 1-3/4" (44mm) H x 2-3/16" (60mm) D and x 7" (178mm) L, or x 14" (356mm) L, or x 21" (533mm) L, or 28" (711mm) L

FLASHING MODELS

D2 **: with two LED
D4 **: with four LED
D6 **: with six LED
D8 **: with Eight LED modules light flashing array

TRAFFIC ADVISOR MODELS

TAD6: with six amber LED modules
TAD8: with Eight amber LED modules
TAD8 **: with Six amber LED modules with two end flashing modules



Whelen Inner-Edge™ Front Upper Three Linear-LED® Series

Super bright Linear-LED modules in a rugged housing that fits snugly against the front windshield of late model Ford Crown Vic police vehicles. The mini version of Whelen's new full size Inner-Edge lighting system that is virtually undetectable when not in use.

For complete full size, front and rear models, request Whelen's Inner-Edge Undercover LED Lighting System Brochure.

Dimensions: 3-1/8" (80mm) H x 7-1/4" (183mm) D x 18" (46cm) L



I01UF*:** Three single color Linear Super-LED's, upper front unit for 2004 - 2005 Ford Crown Victoria, for vehicle with 11.25" between visor mounting brackets.

I01UF*J*: Two single color and one split red/blue center Linear Super-LED's, upper front unit for 2004 - 2005 Ford Crown Victoria, for vehicle with 11.25" between visor mounting brackets.

I02UF*:** Three single color Linear Super-LED's, upper front unit for 2005 1/2 - 2006 Ford Crown Victoria, for vehicle with 13.25" between visor mounting brackets.

I02UF*J*: Two single color and one split red/blue Linear Super-LED's, upper front unit for 2005 1/2 - 2006 Ford Crown Victoria, for vehicle with 13.25" between visor mounting brackets.

LED Mid-Level Flash Patterns

PATTERN	AVAILABLE FPM	PATTERN	Available FPM	PATTERN	Available FPM	PATTERN	Available FPM
Single Talon™		SlimLighter™ LED, SlimLighter Super-LED® and FlatLighter™		Dominator™ Flashers - 2 Outlet		Inner-Edge™ Three Linear-LED® Series	
SignalAlert™	75, 150	Rapidfire™	120, 240, 680	SignalAlert	75	SignalAlert	4 Sequences
SingleFlash	75, 150, 375	Simultaneous Rapidfire	240	Phase 2	—	CometFlash	4 Sequences
DoubleFlash	75, 150	DoubleFlash	120, 240	Comet	75	DoubleFlash	4 Sequences
CometFlash™	75	Simultaneous Double	240	Phase 2	—	SingleFlash	4 Sequences
ActionFlash™	—	CometFlash	120	Single	75, 375	Steady Flash	120
ModuFlash™	—	Simultaneous CometFlash	120	Phase 2	—	Steady Flash	60
ComAlert™	75	ActionFlash	—	ActionFlash	—		
ActionScan™	—	Simultaneous ActionFlash	—	ModuFlash	—		
SignalAlert Steady	—	ModuFlash	—	ActionScan	—		
Steady	—	Simultaneous ModuFlash	—				
		SignalAlert	120	Dominator Flashers - 4, 6, & 8 Outlet			
Single Talon w/Sync - 2 Phases Per Pattern		ActionScan	—	SignalAlert	75		
SignalAlert	75	CalRapid	240	Phase 2	—		
CometFlash	75	CalFlash™	—	CometFlash	75		
DoubleFlash	75	Cal CometFlash	120	Phase 2	—		
SingleFlash	75	Cal ActionFlash	—	SingleFlash	75, 375		
ComAlert	75			Phase 2	—		
Steady	—			ActionFlash	—		
		LED Mirror-Beam™		ModuFlash	—		
Dual Talon - 2 Phases Per Pattern		SignalAlert	75, 150	Zig-Zag	60, 90, 120		
SignalAlert	75	SingleFlash	15, 75, 150, 375	ActionScan	—		
CometFlash	75	DoubleFlash	75, 150			Dominator Traffic Advisor™	
DoubleFlash	75	CometFlash	75			Flash Patterns	
SingleFlash	75, 150, 375	ActionFlash	—			SignalAlert	75
ActionFlash	—	ModuFlash	—			CometFlash	75
ActionScan	—	ComAlert	75			SingleFlash	75, 150, 375
Steady / Single	75	ActionScan	—			ActionFlash	—
Dual Steady	—	SignalAlert Steady	—			ActionScan	—
		Steady	—			T/A Patterns	
Dual Talon with Sync - 4 Phases Per Pattern						Flash	—
SignalAlert	75	Linear Super-Led®, Mirror-Beam -				Left	—
CometFlash	75	2 Phases Per Pattern				Right	—
DoubleFlash	75	SignalAlert	75			Split	—
SingleFlash	75	CometFlash	75			T/A Sequence	
ComAlert	75	DoubleFlash	75			Seq On Solid	—
		SingleFlash	75			Seq On -Seq Off	—
		ComAlert	75			1 Lamp Triple Flash	—
		Steady	—			2 Lamp Triple Flash	—

Lens Colors



TIR6™
Super-LED®



LED



Linear Super-LED®
(available in green on
Talon only)

Replace * in model number with color desired: **A**=amber; **B**=blue; **C**=clear/white; **R**=red and **G**=green.

Whelen constantly upgrades and changes product to improve performance. This means that certifications also change. To keep these listings current, we publish the information on a separate document. If a copy is not included with this catalog, please contact Whelen Engineering or go to our Web site, www.whelen.com. Whelen products are sent to independent laboratories for testing. *Your safety is our greatest concern.*

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