

WHELEN[®] **Inner-Edge[™]**

Undercover Super-LED Lighting Systems



Inner-Edge™

Undercover Super-LED® Lighting Systems

This full featured interior lightbar series is virtually undetectable when not in operation, allowing you to be seen only when you want to be seen!

Low profile vehicle lighting systems with incredibly bright Super-LED lightheads mounted in a rugged housing. They fit snugly against the front or back window of late model Ford Crown Victoria, Explorer, F150/F250/350 and Expedition, Chevy Suburban, Impala, Tahoe, Silverado, Dodge Charger, Durango, Magnum and Chrysler Aspen police vehicles.

All Inner-Edges have these common features:

- Full featured interior lightbar that is virtually undetectable when not in operation.
- Super-LEDs are low current, vibration and moisture resistant for reliable long life operation.
- Designed to blend with vehicles existing interior.
- Easy installation. Front facing models mount to visor anchor points and rear lower facing models use the existing child-restraint brackets.
- Available in four safety colors.
- Scan-Lock™ provides selectable multiple flash patterns.
- MR8 halogen take-down lights are standard on most front facing lightbars.
- Order by choosing the desired housing model, and then add LED lighthead colors.
- Requires customer supplied switches or control head, purchased separately.
- Five-year warranty on LEDs.
- Vehicle specific mounting kits, standard.

Refer to chart on last pages for information on how to order models to fit specific vehicles

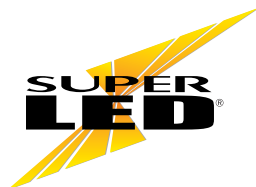
Start by ordering the housing to fit your vehicle with the number of light modules you want, then order the lighthead colors.



MR8 high intensity take-down



Available in red, amber, white & blue



Officially licensed Warning Lights of NASCAR®





Inner-Edge™ Undercover Lighting Systems

Low Profile Forward Facing Upper Series

These forward facing units mount against the upper windshield of Ford Crown Victoria, Expedition, Explorer, F150/F250/350, Chevy Suburban, Impala, Tahoe, Silverado, Dodge Charger, Durango, Magnum and Chrysler Aspen.



3-LED Super-LED® Models

Unique LED lighthouse technology provides the winning combination... highly effective warning, low current draw and rugged, light-weight construction... ideal for concealing on the upper windshield of your vehicle. Inner-Edge lighting systems are full featured, offering Scan-Lock multiple flash patterns, halogen take-down lights and full-size lightbar warning. Model specific design means that the housing fits snugly against the windshield so that warning light is broadcast at a wide angle forward, away from the driver. And, interchangeable lenses allow you to customize your light dispersion for the targeted impact you're looking for!



Customize your lightbar with extra interchangeable lenses supplied with each unit. The TIR3 lens provides directional light. The LIN3 has a clear non-fluted lens with proprietary culminator, for a wider 180° light spread.

- Full-featured interior lightbar for mounting on front windshield.
- One or two piece split housing models.
- Two piece design mounts up and out of the way on either side of the rearview mirror.
- Two piece design is available as individual driver and passenger side units or as a single passenger side unit only.
- Choose a split housing model with either five lighthoods, or, four lighthoods with an MR8 flashing take-down on either side or a full size one piece model with 10 or 12 lighthoods.
- Scan-Lock™ multiple flash patterns, High/Low power control and California pattern, standard.
- Additional TIR3 and LIN3 lenses are supplied, standard, for customizing light dispersion.
- Meets SAE and California Title XIII specifications.
- Five year LED warranty.
- Size: 2-3/4" (71mm) H x 7-1/8" (181mm) W x 45-3/8" (115cm) L (one-piece model) or 17-5/8" (448mm) L (individual two-piece unit).



Inner-Edge™ Undercover Lighting Systems

Forward Facing Three Light LIN6™ Linear-LED® Series

These forward facing units mount against the upper windshield of Ford Crown Victoria.

Three Light LIN6™ Linear-LED Models

- Three super bright Linear Super-LED modules in a small housing that fits snugly against the upper front windshield of late model Ford Crown Victoria police vehicles.
- Four center lighting choices:
 - three solid colors
 - center mounted split red/blue
 - center mounted remote strobe
 - center mounted dual MR8 take-downs
- Model available with one single color and one California steady red with two MR8 take-downs.
- Available in five safety colors.
- Size: 2-3/4" (71mm) H x 7-1/8" (181mm) W x 18" (46cm) L.



■ Three single color lighthead.



■ Center mounted remote strobe.



■ Center mounted Linear-LED Super-LED lighthead with split red/blue LEDs.



■ Center mounted dual MR8 take-downs.

■ California steady red with two MR8s.



Inner-Edge™ Undercover Lighting Systems

Rear Facing Upper Series

LIN6™ Linear-LED® or TIR3™ Super-LED® modules for warning or Traffic Advisor™ applications.

- Scan-Lock™ provides multiple flash patterns.
- Requires customer supplied switches or control head purchased separately.
- Meets SAE specifications.
- Available in all four safety colors.
- Size: 2-3/4" (71mm) H x 7-1/8" (181mm) W x 45-3/8" (115cm) L.

These units mount against the upper rear window of Ford Crown Victoria.



Upper LIN6 Linear-LED Models

- These models mount against the upper rear window.
- Choose from two configurations:
 - Eight programmable modules for warning light or Traffic Advisor operation.
 - Eight lamp unit with six lamp Traffic Advisor and a single flasher on either end.

Upper TIR3 Super-LED Models

- These models mount against the upper rear window.
- Choose from four configurations with eight or ten TIR3 Super-LEDs:
 - Eight or ten lamp warning light or Traffic Advisor, field programmable.
 - Eight lamp unit with a six lamp Traffic Advisor and a single flasher on either end.
 - Ten lamp unit with an eight lamp Traffic Advisor and a single flasher on either end.
 - Ten lamp unit with a six lamp Traffic Advisor with two flashers on either end.

Inner-Edge™ Undercover Lighting Systems

Rear Facing Lower Series

LIN6 Linear-LED modules for warning or Traffic Advisor applications.

These units mount against the window on the lower rear deck of Ford Crown Victoria, Chevy Impala and Dodge Charger.

Lower LIN6 Linear-LED Models

- These models mount on the lower rear deck against the rear window.
- Choose from three configurations:
 - Eight programmable modules for warning light or Traffic Advisor operation.
 - Eight lamp unit with six lamp Traffic Advisor with a single flasher on either end.
 - Six programmable modules for warning light or Traffic Advisor operation.



Inner-Edge™ Undercover Lighting Systems

HOUSING MODEL NUMBERS AND CONFIGURATIONS

Models	Ford Crown Victoria 2005-1/2 & 2007	Ford Expedition 2006-07	Ford Explorer 2007	Ford F150 2006-07	Ford F250/F350 2006-07	Chevy Sub-urban 2006-07	Chevy Impala 2005-07	Chevy Tahoe 2005-07	Chevy Silverado 2006	Dodge Charger 2006-07	Dodge Magnum 2005-07	Dodge Durango & Chrysler Aspen 2006-07
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Forward Facing Upper

Low Profile 3-LED Series (Use lighting package IUP)

Twelve lamp, one piece, two MR8s	I09UFX											
Ten lamp, one piece, two MR8s	I09UFZ											
Ten lamp, two piece	I10UFZ	I08UFZ	I14UFZ	I11UFZ	I12UFZ	I13UFZ	I06UFZ	I13UFZ	I15UFZ	I07UFZ	I07UFZ	I16UFZ
Eight lamp, two piece with two MR8s	I10UF8	I08UF8	I14UF8	I11UF8	I12UF8	I13UF8	I06UF8	I13UF8	I15UF8	I07UF8	I07UF8	I16UF8
Four lamp, one piece with one MR8 (passenger side)	I10UF4P	I08UF4P	I14UF4P	I11UF4P	I12UF4P	I13UF4P	I06UF4P	I13UF4P	I15UF4P	I07UF4P	I07UF4P	I16UF4P
Five lamp, one piece (passenger side)	I10UF5P	I08UF5P	I14UF5P	I11UF5P	I12UF5P	I13UF5P	I06UF5P	I13UF5P	I15UF5P	I07UF5P	I07UF5P	I16UF5P

Three light Linear-LED Series (Replace * in model number with color desired)

Three single color	I02UF***											
Two single color, one center split red/blue LED	I02UF*J*											
Two single color, one center clear remote strobe (remote power supplied required)	I02UF*S*											
Two single color, two center MR8s	I02UF*8*											
One single color, one California steady red, two MR8s	I02UFT8*											

Rear Facing Upper

TIR3 Series (Use lighting package ITP)

Ten lamp, programmable for warning or Traffic Advisor	I02URZ											
Ten lamp, with six lamp Traffic Advisor and four end flashers	I02URZ6											
Ten lamp, with eight lamp Traffic Advisor and two end flashers	I02URZ8											
Eight lamp, programmable for warning or Traffic Advisor	I02UR8											
Eight lamp, with six lamp Traffic Advisor, two flashers	I02UR86											

Linear-LED Series (Use lighting package ILP)

Eight lamp, programmable for warning or Traffic Advisor	I02UR8L											
Eight lamp, with six lamp Traffic Advisor and two end flashers	I02UR8LT											

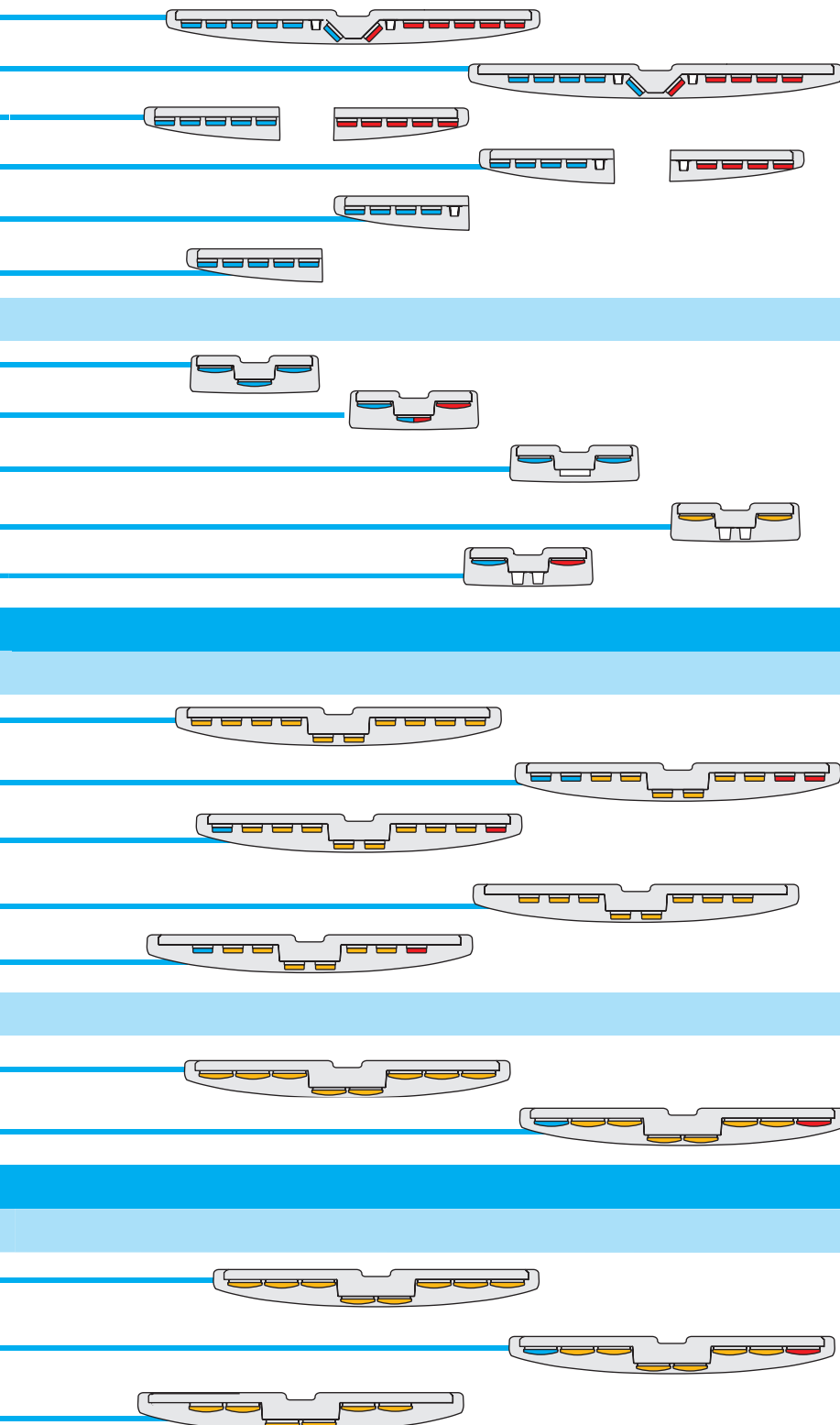
Rear Facing Lower

Linear-LED Series (Use lighting package ILP)

Eight lamp, programmable for warning or Traffic Advisor	I02LR8L						I06LR8L			I07LR8L		
Eight lamp, with six lamp Traffic Advisor and two end flashers	I02LR8LT						I06LR8LT			I07LR8LT		
Six lamp, programmable for warning or Traffic Advisor	I02LR6L						I06LR6L			I07LR6L		

AVAILABLE CONFIGURATIONS

Note: Configurations show type, number and position of lamp modules.
Color of lamp modules can vary from colors depicted in these drawings.



HOW TO ORDER LIGHT MODULE COLORS

Start by ordering the housing to fit your vehicle with the number of light modules you want, then order the lighthouse colors.

Refer to chart headings for proper lighting package, IUP, ILP or ITP.

Replace symbol \$ with number of LED lighthouses required. Order of colors is Red, Blue, Amber, & White.



ILP

RED BLUE AMBER WHITE

EXAMPLE of model numbers:

ILP22200 = 2 red, 2 blue and 2 amber lighthouses
ILP08000 = 8 blue lighthouses

IUP - Inset Colors for 3-LED Unit

IUP\$\$\$\$\$: Four, five, eight, ten or twelve 3-LED modules, depending on model chosen.

ILP - Inset Colors for Linear-LED Unit

ILP\$\$\$\$\$: Three, six, seven or eight Linear-LED modules, depending on model chosen.

ITP - Inset Colors for TIR3 or LIN3 Super-LED Unit

ITP\$\$\$\$\$: Eight, ten or twelve TIR3 or LIN3 modules, for front upper unit or eight or ten modules for rear upper unit.

Inset Colors for Three Light Super-LED Unit

Replace * in model number with color LEDs required.
A = Amber, B = Blue, R = Red, C = Clear/White

*Inner-Edge ordering worksheets are available.
Contact your Local Distributor or Authorized
Managing Sales Representative.*

Upper Front Low Profile Inner-Edge™ with Take-Downs, 3-LED Super-LED® WORKSHEET	
Company Name _____	PO# _____
Interior Low Profile Lightbar, includes a choice of four, five, eight, ten, or twelve Super-LED® lightheads and mounting hardware.	
CHOOSE MODEL: Inner-Edge Low-Profile 3-LED Upper Front Unit Series. Diagram below shows the default lens configuration. Customize light dispersion by using the extra TIR3™ and Linear (LIN3™) lenses supplied.	
<div style="display: flex; justify-content: space-between;"> PASSENGER SIDE TEN LIGHTHEADS DRIVER SIDE </div>	
CHOOSE COLORS _____	
1090FX Ten Lamp Unit for a 2005-1/2 to 2007 Ford Crown Victoria	
<div style="display: flex; justify-content: space-between;"> PASSENGER SIDE TWELVE LIGHTHEADS DRIVER SIDE </div>	
CHOOSE COLORS _____	
1090FX Twelve Lamp Unit for a 2005-1/2 to 2007 Ford Crown Victoria	
INTERIOR LIGHTING PACKAGE Replace symbols \$ with the quantity of each color of each 3-LED lighthead. Order of colors is red, blue, amber and white. Insert number of each Super-LED color. Examples: IUP4000 = 4 red & 4 blue modules IUP2000 = 10 blue modules IUP0000 = 12 blue modules	
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