



UNIVERSAL - SUBMERSIBLE - TOUGH DUTY Applications

WINGTIPS save Two "CLEARANCE" and One "SIDE MARKER"



"FENDER MOUNTS" SAVES Two "CLEARANCE" LIGHTS

Saves the Cost ... Installation ... and Life Long Power Consumption of TWO CLEARANCE LIGHTS and adds an "official", elevated, SIDE (pointing) MARKER ... a BACKING UP, LOCATION and an elevated AUGMENT TAIL LIGHT ... **\$ SAVINGS AND SAFETY ADDITIONS THAT ARE NOT INSIGNIFICANT**

Both Series:

- (1) - AMBER - FMVSS #108* Compliant FRONT (Pointing) CLEARANCE
- (2) - RED - FMVSS #108* Compliant REAR (Pointing) CLEARANCE
- (3) - FMVSS #108* Compliant SIDE (Pointing) MARKER
- (4) - "Backing" LOCATION and boat centering SUBMERSIBLE Guide Light
- (5) - Elevated AUGMENT TAIL LIGHT

"5 FUNCTION" ... serve as both Federally Mandated FRONT pointing (Amber) & REAR pointing (Red) CLEARANCE Lights that truly represent the "Extreme Width" to following ... passing ... and adjoining lane traffic as well as additionally projecting plenty of light to the SIDES at Intersections and towards nearby pedestrians

WingTips® mount easily using Screws, Pop Rivets or in some cases, using 3M® DB Tape

"TONGUE MOUNT" saves One "SIDE MARKER"

PERFORMS BOTH:

- (1) - Driver Side, Front SIDE MARKER
- (2) - Passenger Side, Front SIDE MARKER

Our "All Amber" WingTip® satisfies BOTH Front SIDE (pointing) MARKER Requirements

Our "Air Trapping" yet "Breathing" designs are Rust Free and Driver Serviceable

Saves Cost ... Installation, and Power Consumption of one SIDE (pointing) MARKER

Complies to all FMVSS #108 Requirements for both Front ... LEFT as well as RIGHT ... SIDE (Pointing) MARKER Lights



"BONUS" - when an all Amber WingTip® is located on the Tongue (as shown) ... at night ... it helps illuminate the Winch ... Hitch ... Tongue Jack and Wiring Connections

Further, since it's mounted in the Vertical orientation ... it's Submersible.

If NATM or NMMA Compliance Inspectors question this "Dual Use" ... upon request, we'll send all Federal details explaining NHTSA's "Optically Combined" allowance

Mounting just one, all Amber WingTip® on a Trailer Tongue provides FMVSS #108 Compliant Photometrics simultaneously projected through the entire 45° Left to 45° Right; 10° Up to 10° Down Mandated Test Patterns from "both sides" of the Trailer Tongue

VARIOUS COLOR COMBINATIONS also AVAILABLE



All WingTips® use Wedge Base, Common #168 BULB that are available everywhere, anytime Further, Phosphorous Bronze Contacts have eliminated all Steel Therefore - NO RUSTING! -



"SUBMERSIBLE" Series

205MCX

SUBMERSIBLE! when WingTip® is mounted vertically traps air to keep out water



Submersible proven for 13 years!

\$23.90 pr. Buy it Now

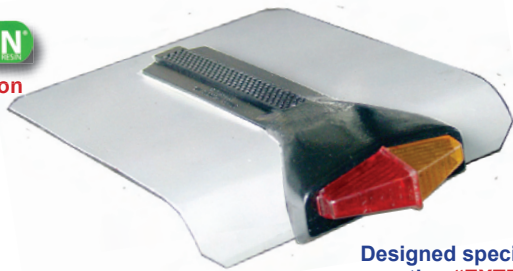


New "EXTREME WIDTH" Series

Total



Construction



Protrudes only 1-1/2" ... 3" allowed

Designed specifically for representing "EXTREME WIDTH" Mandated by FMVSS #108 All Lexan® can be stepped on

BACKING UP Location Light

- All our FENDER MOUNTS permit the Driver and nearby pedestrians to see exact Location of Trailer's Fender extremity - Important Safety Feature when backing up at night or in foul weather
- Also helpful when submerged for the "Centering of a Boat" during Boat retrieval at night



Our Lighting SURVIVES Tough Duty and Hi/Low Temps that Acrylics can't!



Compatible with all existing Wiring Systems

Total



Construction

More "BEST VALUE" Products from Sierra Design Manufacturing, Inc.



Compatible with all Wiring Systems



For all Over and Under 80" Widths



Legal & Reliable for any Application



FEDERAL VEHICLE LIGHTING REGULATIONS

"Lights Protruding beyond 102" Lights"

CFR TITLE 23 VOL 1 CHAPTER I

Section 658.16 of Federal Highway Administration allows Tie Down Devices, Turn Signals and Side Marker Lamps to protrude 3" on each side of the 102" Trailer width Limit.

FMVSS #108

"Optically Combined"

S5.4 Equipment combinations. Two or more lamps, reflective devices, or items of associated equipment may be combined if the requirements for each lamp, reflective device, and item of associated equipment are met.

FMVSS #108

Clearance "0° to 45°"

Inboard Visibility Rescinded

S5.3.2.1 Clearance lamps may be located at a location other than on the front and rear if necessary to indicate the overall width of a vehicle, or for protection from damage during normal operation of the vehicle, and at such a location they need not meet the photometric output at any test point that is 45 degrees inboard.



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Home of Dry Launch® & Convoy® Quality Vehicle Lighting Invented, Tooled, Molded & Assembled at our U.S.A. Manufacturing Facilities in Livermore & Sonora CA