

MEGALUX LED TRAFFIC SIGNS FOR MODERN TRAFFIC MANAGEMENT



FEATURING MEGALUX ILLUMINATION

- SEE AND READ SIGNS DAY OR NIGHT
- SIGNS ARE VISIBLE FROM 20 DEGREE ANGLES
- PROVIDING 2 MILE ADVANCE NIGHT VISIBILITY
- FULL SIGN ILLUMINATION OR EDGE CONTOUR LIGHTING
- SELF CONTAINED NO MAINTENANCE REQUIRED
- EASY SETUP AND OPERATION

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BENEFITS

- 180 DEGREE VIEW ANGLE
- HIGH VISIBILITY
- NO HALATION PROBLEM
- NO LIGHT POLLUTION

FEATURES

1. SELF CONTAINED FULLY ILLUMINATED TRAFFIC SIGNS
2. AVAILABLE IN ALL SIGNS AND SIZES
3. FULLY ADJUSTABLE 360 DEGREE SOLAR PANEL
4. POWERFUL MEGALUX LEDS PROVIDES OVER 1 MILES OF ADVANCED WARNING
5. ULTRA THIN 15MM FULLY SEALED SINGLE PIECE ALUMINIUM FRAME
6. FULL DIAMOND GRADE SURFACE FOR PASSIVE REFLECTIVITY
7. FULLY ENCLOSED BATTERY AND CIRCUIT PROTECTION
8. CLEAN NON INTRUSIVE DESIGN CONTRIBUTING TO MODERN STREET SCAPE ENVIRONMENTS.
9. PHOTOCELL MANUAL SWITCH ALLOWS OPERATOR TO CHOOSE AUTO FLASH FOR NIGHT USE OR FOR 24 HOUR OPERATION.
10. AUTOMATIC PEDESTRIAN AND VEHICLE DETECTION SENSORS
11. MUTCD COMPLIANT.

MegaLUX Backlit traffic signs improve visual guidance in all weather conditions for Pedestrians and motorists.

Modern Traffic Signalization

MegaLUX LED Traffic Warning Signs (TWS) are an invaluable asset to improving traffic safety in urban and rural environments. The integration of modern backlit sign illumination surpasses standard passive signage that depend on a vehicles headlights to become visible at night. MegaLUX backlit signs provide approaching motorists, bicycles and pedestrians advanced notice and warning of hazards regardless of the time of day or if a motorists has there lights on or not.

MEGALUX backlit signs provide a bright, easy to read guidance system that improves traffic flow and awareness in locations prone hazardous conditions.

Eco-friendly

MegaLUX backlit signs use natural sunlight rather than the dependence of grid electricity allowing signs to be placed anywhere. With unlimited applications, MegaLUX LED signs can be installed near schools, crosswalks, intersections, merging lanes and dangerous turns. Other signs include Do Not Enter, Yield, and One Way. Custom legends and signs available upon request.

Smart Detection 24/7

MegaLUX LED traffic signs are designed to connect motion sensors that trigger the sign to flash or turn on the moment it detects an approaching vehicle or pedestrian. Wireless communication connectors can activate other signs and road markings simultaneously without the need of hard wiring. Contour LED's for added attention providing the ultimate in modern illumination traffic signalization.



Eco-friendly

MegaLUX backlit signs are solar powered allowing installations in virtually any location.



Plug & Play

"Out of Box"
MegaLUX signs are pre assembled for fast installations.



Easy Installation

MegaLUX signs are easily mounted with a screw driver and adjustable wrench to most any new or existing pole.



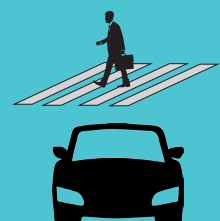
Safe & Self Contained

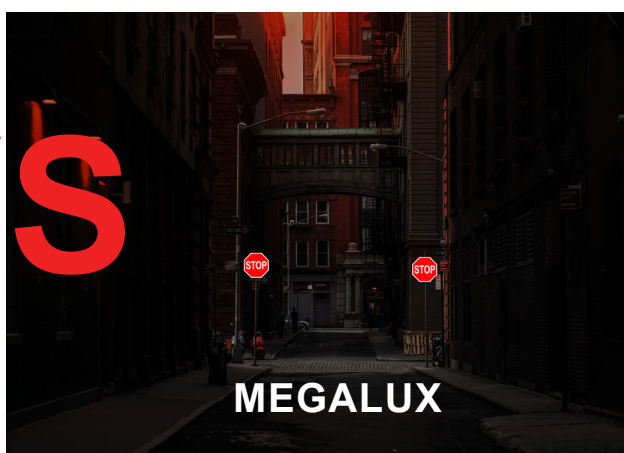
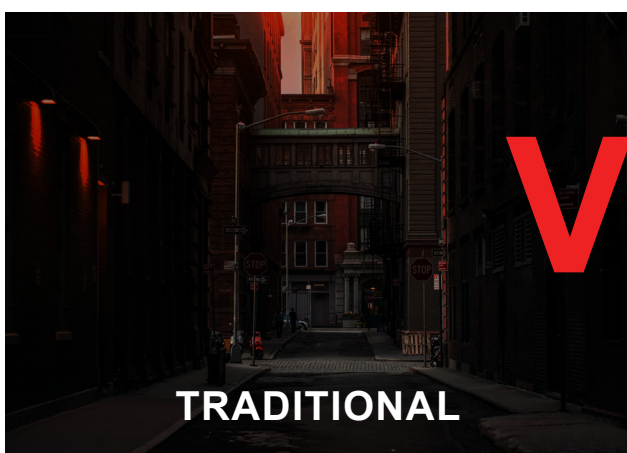
MegaLUX signs are built for long life and sealed for all weather conditions. Maintenance Free



Smart Detection

Optional smart sensors detect approaching vehicles, bicyclists and pedestrians for automatic sign trigger flashing. Wireless connections trigger multiple signs simultaneously





24/7 ILLUMINATION



Solid state components eliminate the need for maintenance intervention ensuring 24 operation in all weather conditions.

Light Switch Modes:

1. Flashing or Steady
2. Auto-ON at dusk / Off / Always ON
3. Auto dimming during ambient light



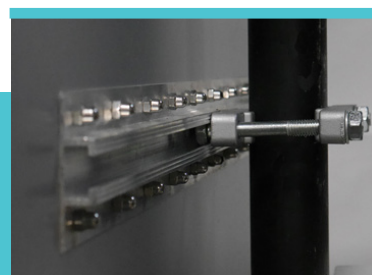
PASSIVE REFLEX FILM



MegaLUX traffic signs reflective sheeting consists of a micro-prismatic translucent face material specifically designed for internally illuminated traffic signs. Film transmits a uniform diffused light to provide an attractive readable sign plus supplies backup protection in case of power failure due to the film's bright retroreflective properties.



FAST EASY POLE ATTACHMENT



MegaLUX signs come complete with universal mounting brackets for quick easy attachment to most standard poles traffic poles.

MODELS AND ACCESSORIES



**CBT1
TOP MOUNT**



**CBS2
SIDE MOUNT**

TOP MOUNT

Model CBT1 control box is designed to be seated on the top of a sign pole. Wires are run inside the pole eliminating any exposure of cabling to and from the MegaLUX sign.

SIDE MOUNT

Model CBS2 control box is designed to be mounted anywhere along the height of the sign pole. Wires are run inside the pole eliminating any exposure of cabling to and from the MegaLUX sign.

SIGNAGE

MegaLUX LED backlit signs are available in all Regulatory, Warning and Guide Signs according to the Manual of uniform control devices. (MUTCD). Signs panels are available in all sizes. Custom signs can be produced upon request.

SIGN PROFILE & SHAPES

Shape	Signs
Octagon	Stop*
Equilateral	Triangle (1 point down) Yield*
Circle	Grade Crossing Advance Warning*
Pennant Shape / Isosceles Triangle (longer axis horizontal)	No Passing*
Pentagon (pointed up)	School Advance Warning Sign (squared bottom corners)* County Route Sign (tapered bottom corners)
Crossbuck (two rectangles in an "X" configuration)	Grade Crossing*
Diamond	Warning Series
Rectangle (including square)	Regulatory Series Guide Series** Warning Series
Trapezoid	Recreational and Cultural Interest Area Series National Forest Route Sign

POPULAR MEGALUX SIGNAGE



3

MEGALUX SIGN ACCESSORIES

MEGALUX HARDWARE

MegaLUX offers a full line of accessories and hardware to adapt to most any safety application.

MEGALUX SIGN ATTACHMENT OPTIONS

MegaLux signs offer several options of accessories based on how you would like your sign to activate such as self triggering, push button trigger, or always on. Control 2 or more signs with the wireless 2.4G wireless trigger.



**PART NO
7A-SPT-NB**

Upper pole mount control box
and solar panel



**PART NO
7A-SPK-NB**

Side pole mount control box
and solar panel



**PART NO
7A-VRS**

Vehicle Radar Sensor
Sign Trigger



**PART NO
7A-PS1**

Pedestrian Sensor
Sign Trigger



**PART NO
7A-PB1**

Pedestrian Push Button
Sign Activator



**PART NO
7A-WT-24G**

2.4G Wireless Trigger
(Activates 2 or more signs
simultaneously)



**PART NO
7A-PCS1**

AC Power converter
30 Watt IP67
Input - 110v - 230v



**PART NO
7A-P8-BLK**

Iron Pole
Available in 8', 9.5', 11.5' and 13'



**PART NO
7A-ML-154**

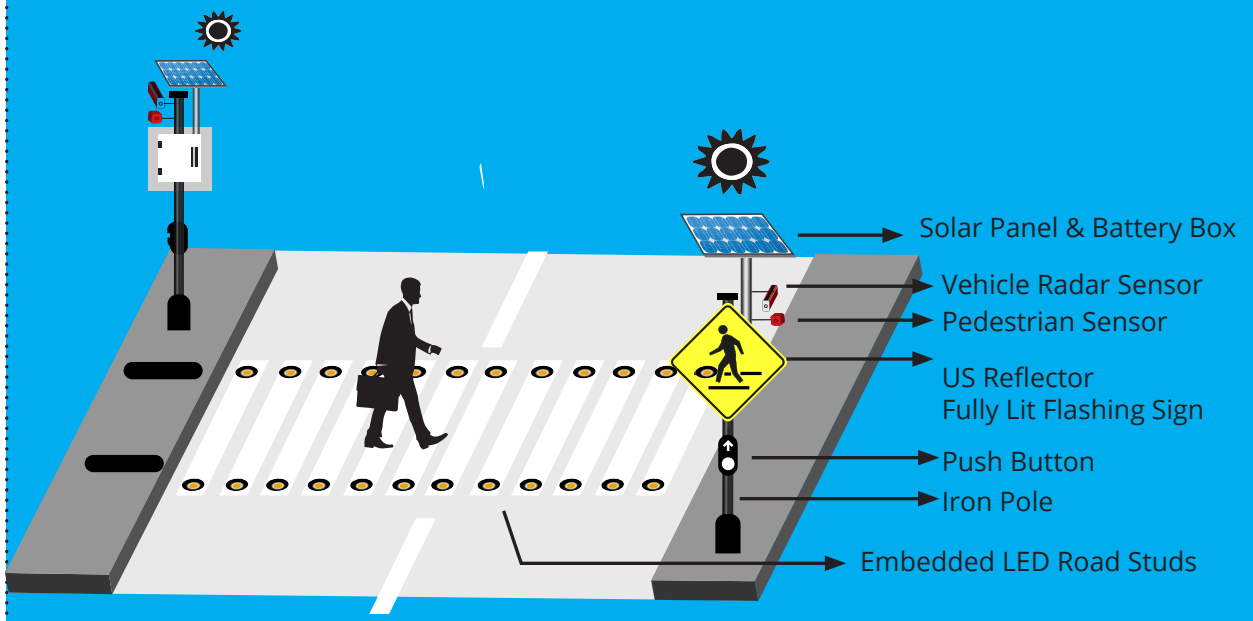
Aluminium MegaLux LED
embedded paver. Available in Flash
or Steady

LED PEDESTRIAN CROSSWALK SYSTEMS



YOUTUBE: <https://youtu.be/C2Ajvw58Ke8>

TYPICAL FULL CROSSWALK SYSTEM SET UP



US Reflector LED Smart Sign Systems is the latest evolution in pedestrian signalling lighting for pedestrian crossings. Smart LED Sign Systems are fully self sustainable, interactive and require no grid power. Simply mount the poles and signs, attach the battery and let the sensors activate and illuminate the full face crossing sign. Alternatively the pedestrian can push the crosswalk activator manually

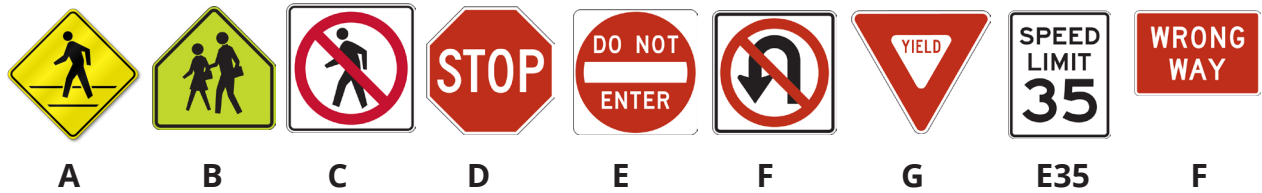
US Reflector back lit signs are the new signalling of our future.

How it Works

When a pedestrian is about to walk to the other side of the road, the system is triggered to flash either in active mode (button) or passive (Via sensor) by an approaching vehicle or pedestrian. Once triggered, the Back Lit sign and optional embedded LED Road Studs change to quick flashing mode alerting approaching motorists of a road crossing for both day and night.

MEGALUX LED Smart Sign Systems are built with an intelligent dimming sensor for triggering light intensity during day and night pedestrian crossing from 30% to 100%. The sign is fully reflective when not illuminated for an extra margin of safety.

ORDERING



How to build your new MegaLux Sign

1. Reference sign reference letter (or custom type)
2. Reference accessory number(3)
3. Place order

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