

THIN-FB AMBER FLASHING BEACON

The leading cause of roadway accidents in North America is distracted driving. The addition of the Smart Flashing Beacon will help prevent accidents in critical areas such as intersections, crosswalks and school zones by attracting attention to traffic signs. With high-intensity LED lights, the single flasher beacon catches the driver's attention and ensures the visibility of signs, thus improving road safety.



REINFORCE THE SIGN
IN CRITICAL ZONES



SOLAR POWER
SUPPLY



INCREASE ROAD
USERS SAFETY

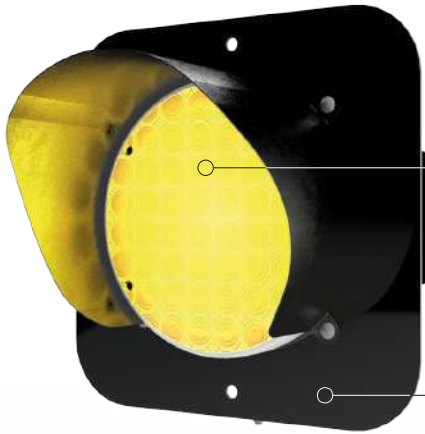


THIN LED TRAFFIC SIGN





FEATURES OF THE THIN AMBER FLASHING BEACON



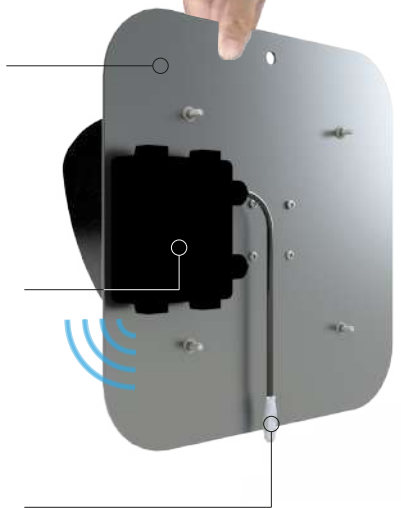
Powerful LED
Integrated into the sign and protected by polycarbonate lens.

Reflective
High intensity yellow sheeting or black background.

Aluminium
Light and resistant.
Installs like a standard traffic sign.

Controller
Photocell, flashing patterns, wireless communication and scheduled activation.

Snap-in Connector
Small enough to be hidden inside pole.
IP 67 protection.



SOLAR POWER UNIT (ALL-IN-ONE & PLUG-AND-PLAY)



Monocrystalline Cells
Higher efficiency solar panel to optimise size.

LED Status indicator

Snap-in Connector

Lithium LifePo4 battery
Light and slim.
10 years life expectancies.
Maintenance free

MPPT Charger
Increases charging efficiency by minimum 20% compared to PWM.

Universal mounting bracket
Top or side of pole installation.



Single



Single Back-to-back



Dual Vertical



Dual Horizontal



REINFORCES THE SIGN IN CRITICAL ZONES



SCHEDULE ACTIVATION (SOFTWARE KIT REQUIRED)



WIRELESS AND BATTERY FREE (PIEZOELECTRIC) PUSH BUTTON (OPTION)



VEHICLE SENSOR ACTIVATION (OPTION)



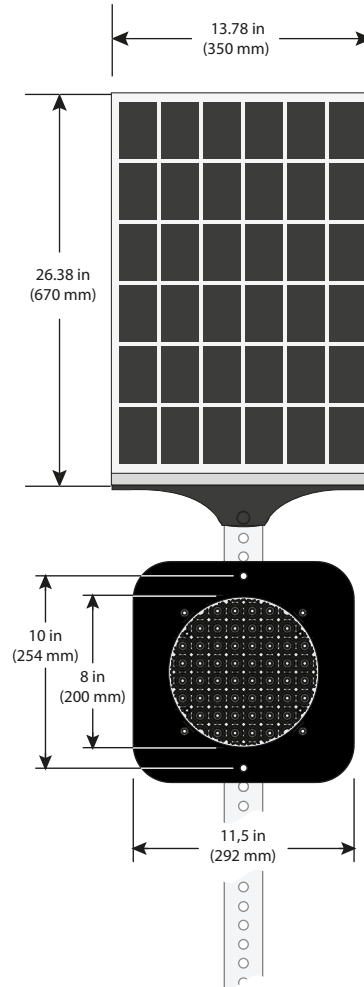
TECHNICAL SPECIFICATIONS OF THIN AMBER FLASHING BEACON

Solar Power Unit (All-in-one)

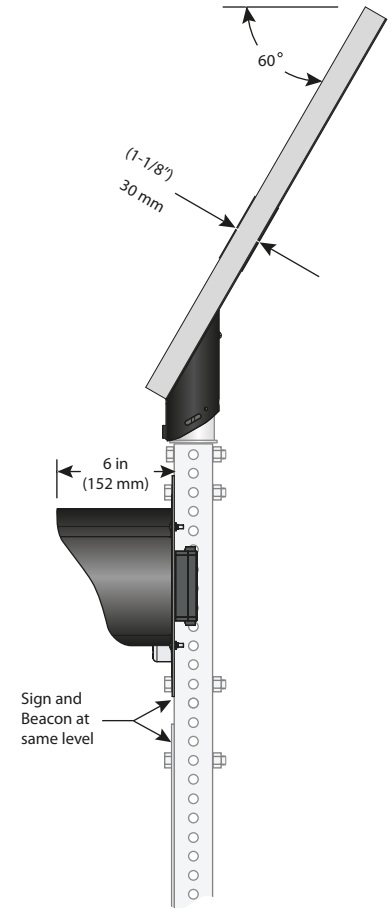
Solar Panel	30 Watts Monocrystalline
LifePo4 Battery	12.8V - 14Ah
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	7.7 kg (17 lb)

Flashing Beacon

Beacon size	8 in (200 mm) or 12 in (300 mm)
Standard	ITE VTCSH-STD 2005 EN 12352 L8M Class
Color	Amber 590 nm
Life expectancy	100 000 hours
Luminous Intensity	650 cd day - 200 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10,8 to 15 VDC
Max. Power @ 12 V	8 Watts
Wireless communication	Encrypted 902 MHz, up to 100m (300')
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0,1 - 0,2 - 0,5 sec, tri-flash or WW+S
Flash Rate	60 per minute
Activation	24/7
Default setting	0,1 sec, 24/7
Back Plate	Aluminium 5052-H38, 0,08 in (2 mm)
Sheeting (Black)	3M™ Scotchcal™
Reflective sheeting (Yellow)	3M™ Prismatic High intensity Type IV
Visor	Aluminium, black painted textured
Lens	UV resistant transparent Polycarbonate
Waterproof rating	IP65
Operating Temperature	-40 to +131°F (-40 à +50°C)
Weight	3 lb (1,4 kg)



Front



Side

Sign and Beacon at same level

Product Number	Description	Box : Dimension - Weight	HSS Code
Assembly Kit			
#37704	Single Flashing Beacon, amber, black background, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
#37737	Single Flashing Beacon, amber, yellow background, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
#37706	Dual Flashing Beacon, amber, black background, 30W solar power unit	18 x 32 x 14 in - 26 lb	8530.90
#37738	Dual Flashing Beacon, amber, yellow background, 30W solar power unit	18 x 32 x 14 in - 26 lb	8530.90
Activation Options			
#38129	Software Kit for Schedule, configuration and pairing (USB Dongle + Software)	Included in kit box	N/A
#36463	Wireless and battery free Remote Control	Included in kit box	N/A
#36287	Wireless and battery free Push Button	Included in kit box	N/A
#36267	Wireless and battery free Push Button on a Flexible Post	8 x 8 x 40 in - 8 lb	8530.80
#36900	Vehicle Sensor Activation for 2-3/8" pole	Kit box (+ 2 lb)	N/A

Included in kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.
Two (2) years Limited Warranty against defects in workmanship and materials.