THIN-8FB 8" THIN AMBER FLASHING BEACON

The leading cause of roadway accidents in North America is distracted driving. The addition of the 8" 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

SharpLine Solutions, Inc.

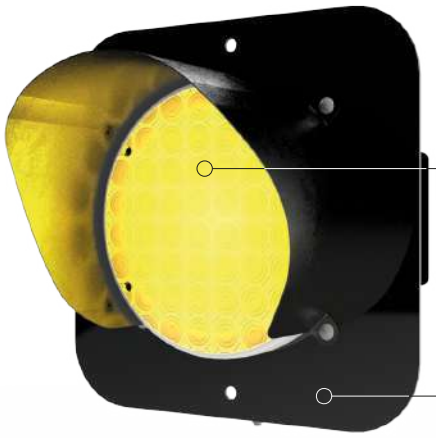
POWERED BY TRAFFIC innovation

MUTCD compliant

Designed & Manufactured in North America

HIGH QUALITY

FEATURES OF THE 8" THIN AMBER FLASHING BEACON



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

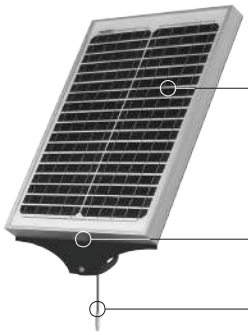
Reflective
High intensity yellow sheeting or black background.

Three Models
According to standards and requirements.

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.



Monocrystalline Cells
Higher efficiency solar panel to optimise size.

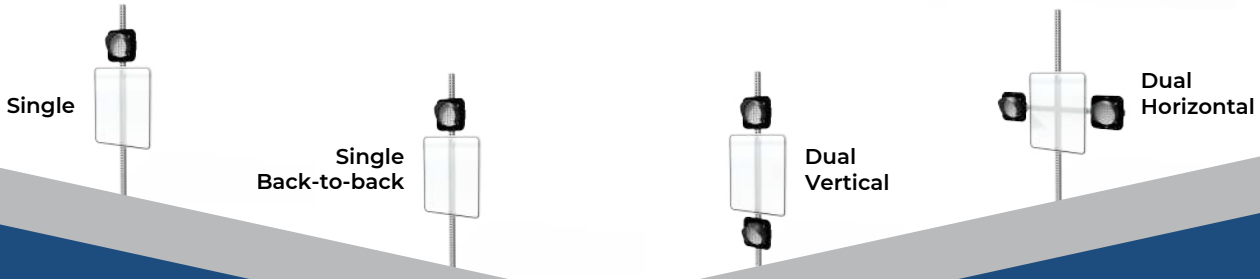
LED Status indicator

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.



REINFORCES THE SIGN IN CRITICAL ZONES

SCHEDULE ACTIVATION (SOFTWARE KIT REQUIRED)

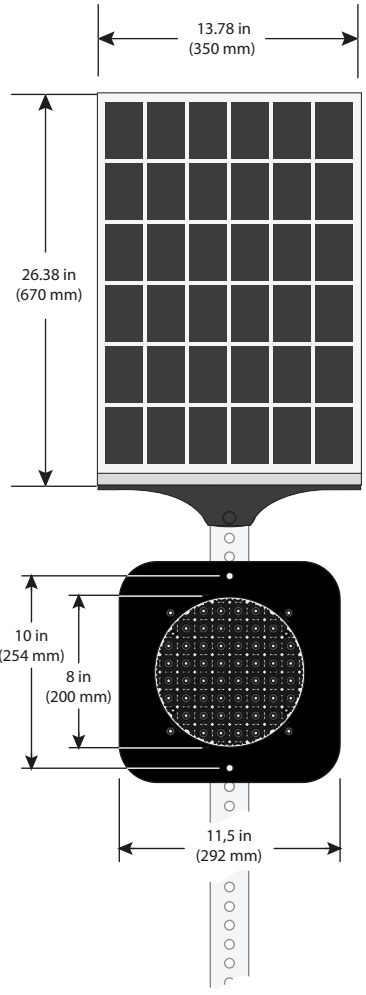
WIRELESS AND BATTERY FREE (PIEZOELECTRIC) PUSH BUTTON (OPTION)

RADAR ACTIVATION (OPTION)

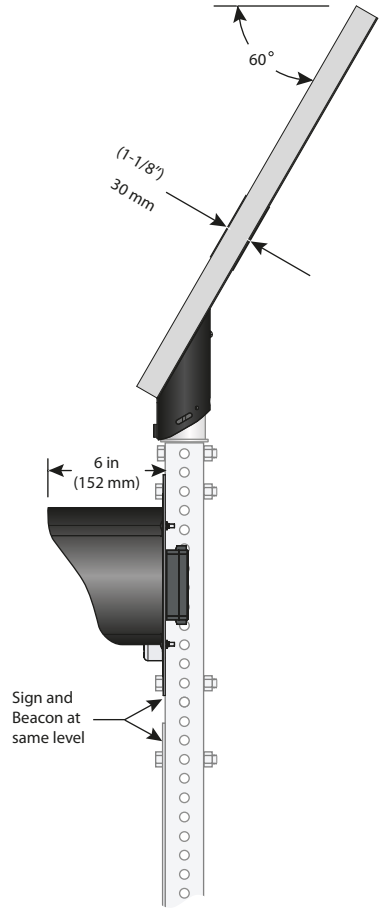
TECHNICAL SPECIFICATIONS OF 8" THIN AMBER FLASHING BEACON

Solar Power Unit (All-in-one)	
Monocrystaline Solar Panel	30 Watts
LifePo4 Battety	12.8V - 14Ah
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165ºF (-40 to +74ºC)
Weight	7.7 kg (17 lb)

Flashing Beacon	
Beacon size	8 in (200 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

Product Number	Description	Box : Dimenson - 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
#37709	Dual Flashing Beacon, amber, black background, 30W solar power unit	18 x 32 x 14 in - 26 lb	8530.90
#37740	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 (software kit required)	Included in kit box	N/A
#36287	Wireless and battery free Push Button (software kit required)	Included in kit box	N/A
#36267	Wireless and battery free Push Button on a Flexible Post (software kit required)	8 x 8 x 40 in - 8 lb	8530.80
#36900	Radar Vehicule Detector Activation (software kit required)	Kit box (+ 2 lb)	N/A

Included with Assembly Kit : Installation hardware for 2'' Telespar post, 2-3/8'' round pole, U-Post or streetlight pole. 30 in (760 mm) Male/female extension for dual unit. Smart USB Dongle required to change configuration of the RRFB. Two (2) years Limited Warranty against defects in workmanship and materials.