THIN-8RFB 8" THIN RED FLASHING BEACON
(SIGN RENFORCEMENT ON EXISTING OR NEW INSTALLATION)

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
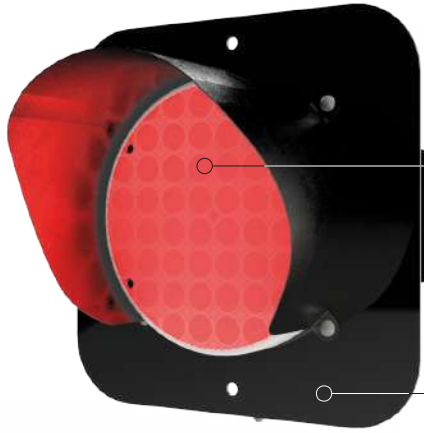
INCREASE ROAD USERS SAFETY

THIN
LED TRAFFIC SIGN

FEATURES OF THE 8" THIN RED FLASHING BEACON

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

Sign face
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.

Monocrystalline Cells
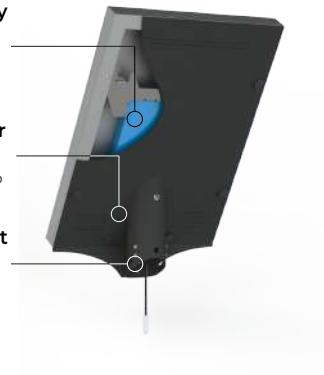Higher efficiency solar panel to optimise size.

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.
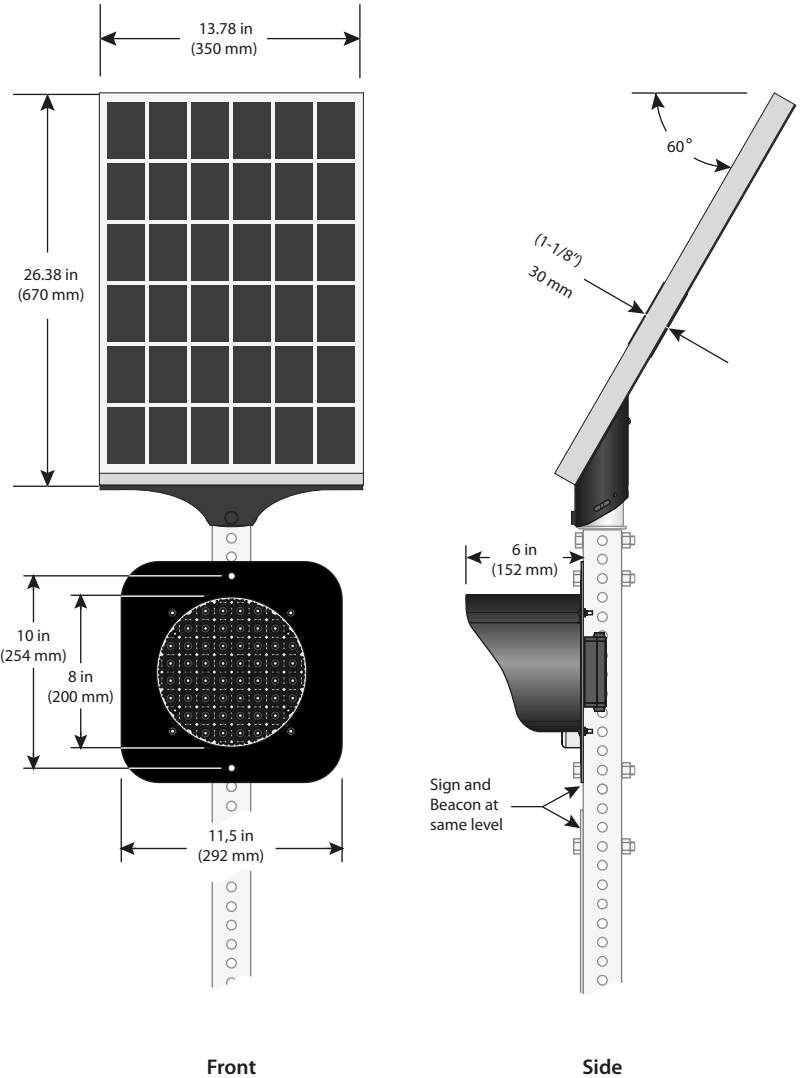
24/7

REINFORCES THE SIGN IN CRITICAL ZONES

TECHNICAL SPECIFICATIONS OF 8" THIN RED 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	Red 626 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			
#37705	Single Flashing Beacon, red, black background, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
#37707	Dual Flashing Beacon, red, black background, 30W solar power unit	18 x 32 x 14 in - 26 lb	8530.90

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.