

TraffiCalm™ Systems MUTCD Compliant options for Push 2 Cross including Rectangular Rapid Flashing Beacons or Flashing LED Rings. They can be utilized separately or together to create the Perfect Push to Cross System. All Flashing Sign Systems employ TC Connect WiFi, a WiFi connection platform developed by TraffiCalm™ Systems requiring NO Internet Connection allowing for immediate WiFi connectability with any browser enabled device

SA328 RRFB

- ▶ 80 High Intensity Amber LEDs for Redundancy and Uniform Light Distribution

- ▶ MUTCD approved RRFB Flash Pattern

- ▶ Exceeds SAE J595 Class 1 Intensity

- ▶ Meets SAE J578 for chromaticity

- ▶ Each of the 80 LEDs have built in 15 degree UV resistant lens

- ▶ Horizontal aiming adjustment

- ▶ Side-mounted LEDs for a side visual confirmation

- ▶ Dimensions: 24"x4"x .85"



FLASHER RINGS

- ▶ Fully assembled, one piece construction

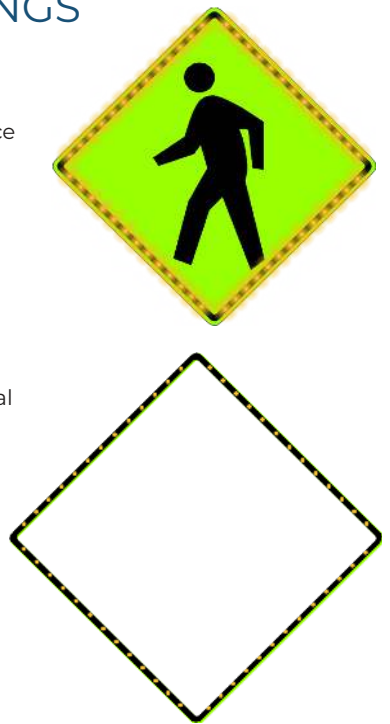
- ▶ Complete Edge-Lit Illumination within the sign border

- ▶ Hermetically potted and sealed

- ▶ 3M VHB Tape and optional self-tapping mounting screws create secure adhesion to sign

- ▶ High Intensity LEDs rated for 100,000 hours

- ▶ 24", 30", 36", 48" Rings Available



Typical RRFB System:

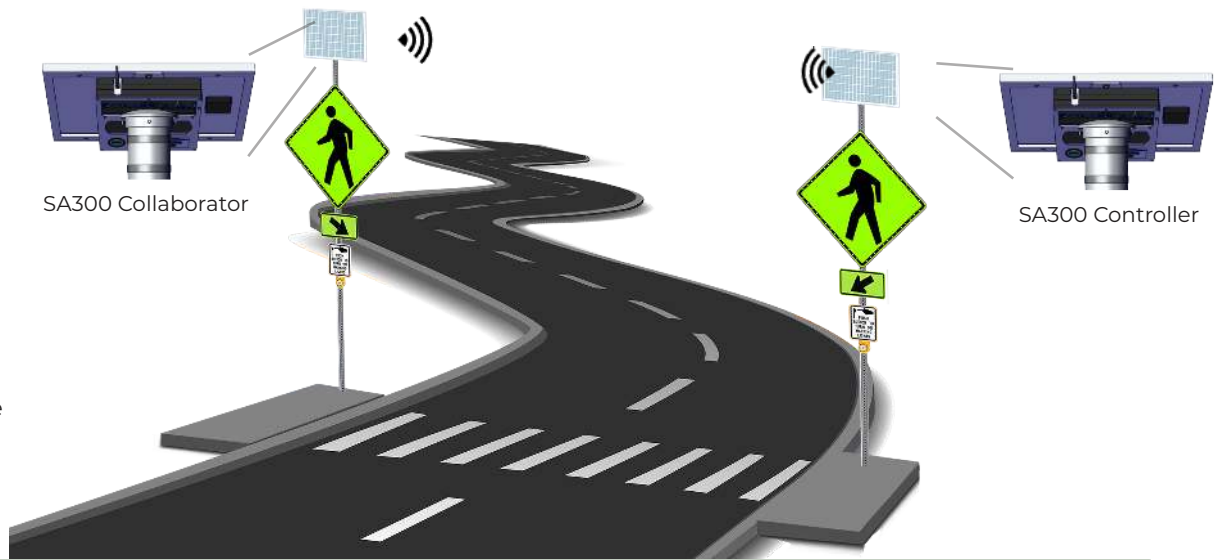
- (1) P2C Controller - 20W Solar Kit / 12Ah AGM Battery
- (1) P2C Collaborator - 20W Solar Kit / 12Ah AGM Battery
- (4) SA328 RRFB
- (2) ADA Compliant Push Buttons
- (2) 9"x12" Push Button Frames
- (2) 9X12 "Push Button To Turn On Warning Lights" Sign
- (4) 24"x12" W16-7 (L-R) ARROW Signs
- (4) 30" W11-2 Ped Crossing Sign (Yellow or FLYG)
- (2) 14' Pole Kits
- Mounting Brackets
- Manuals
- TC Connect Software

Typical Flasher Ring System:

- (1) P2C Controller - 20W Solar Kit / 12Ah AGM Battery
- (1) P2C Collaborator - 20W Solar Kit / 12Ah AGM Battery
- (2) 30" Amber LED Flasher Ring
- (2) ADA Compliant Push Buttons
- (2) 9"x12" Push Button Frame
- (2) 9X12 "Push Button To Turn On Warning Lights" Sign
- (2) 24"x12" W16-7 (L-R) ARROW Sign
- (2) 30" W11-2 Ped Crossing Sign (Yellow or FLYG)
- (2) 14 ft. Pole Kits
- Mounting Brackets
- Manuals
- TC Connect Software



ADA Compliant
PushButton and Frame
with sign



Detection/Activation Unit	
Weight with Battery	20 Watt = 25 lbs (11.3 Kg) 30 Watt = 28 lbs (12.7 Kg) excluding poles
Power Requirements	
Voltage	11VDC to 15VDC
Charger	Smart solar charger 14.6VDC, 30W temperature protected
Communications	Wireless Meshnet integration (device 2 device, +1,000ft range, repeatable signal, 4 channels available, configurable network ID, AES-128 Encryption security, DSSS transmissions on selectable channels)
Battery Reserve	28 days @ standard load (standard load = 25% activations per day with a single flasher ring) with no sunlight
Isolation Required	2 hours of good sunlight each day @ standard load
Panel Supplied	20W, 17.2V MPPV, 21.6V open circuit
Mounting	Universal Pol Mount included (Optional Top of Pole & Side of Pole extension mounts available)
Flush Mounted LED Flasher Rings	
Size	24", 30", 36", 48 X .625" sizes available
Mounting	Outdoor rated Mounting Tape and provisions for self drilling / tapping screws
LEDs	Red (626nm); 30 degree cone of view; Rated 100,000 hours; 2.4K CDA/ M ² , Auto Dimming Employed
	Amber (590nm): 30 degree cone of view; Rated 100,000 hours; 2.4K CDA/ M ² , Auto Dimming Employed
	White (Cool White): 30 degree cone of view; Rated 100,000 hours; 3K CDA/ M ² , Auto Dimming Employed
	Blue (470nm): 30 degree cone of view; Rated 100,000 hours; 1.1K CDA/ M ² , Auto Dimming Employed
Power	10V to 18V
	0W standby or OFF (No power required)
Flash Patterns	50 - 60 flashes per minute; 50% Duty Cycle. Additional alternative flash patterns available and are user programmable

Released 20200512

