Solar-powered RRFB Top Pole

20W/44AH SIDE-OF-THE-POLE CABINET	
Housing	NEMA 3R type aluminum
Power	20 watt
Battery	12v, up to 44Ah
Battery Options	3 to 5 years, field replaceable
Mounting Options	Round poles: 2 ⅜" up to 4 ½"; Square Posts: 1 ¾" up to 2 ½"
Mounting Hardware	Stainless steel hardware
Warranty	3-year limited battery warranty 5-year limited system warranty 10-year limited solar panel warranty

22.7 in

Front View

5.2 in

15.4 in

Side View

22.7 in
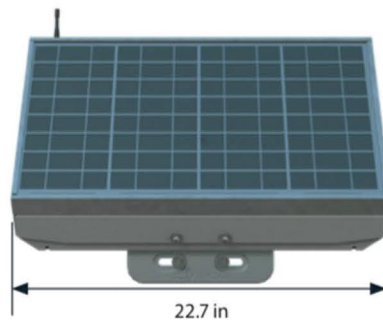
Back View

Note: Specifications are approximate and subject to change. Some parts shown may be for illustration purposes only.
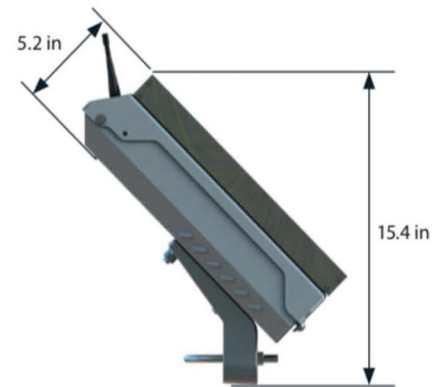
Solar-powered RRFB Top Pole

TRAFFIC SAFETY SUPPLY COMPANY

RECTANGULAR RAPID FLASHING BEACON

Light Bar Housing	Black powder-coated aluminum
Vehicle Modules	7"W x 3"H; 2 arrays of 8 amber LEDs spaced 7" apart, SAE J595 class 1 certified (required on both sides of street in accordance with Interim Approval 21)
Pedestrian LED Modules	0.5"W x 1.75"H side-viewable, flash simultaneously with vehicle LED (optional, one or both sides)
Dimming	Variable based on photocell sensor input
Flash Pattern	Interim Approval 21 compliant WW + S
Flash Rate	Interim Approval 21 compliant, 50 milliseconds
Mounting Hardware	Universal mounting bracket
Wind Load Rating	Up to 120 mph*
Operating Temperature Range	-40°F to 122°F (-40°C to 50°C)

Dependent upon pole size and system arrangement

RRFB-XL2™

BLINKERBEAM® WIRELESS COMMUNICATION

Frequency	900 MHz FHSS (Frequency Hopping Spread Spectrum)
Range	900 feet (radio site survey recommended)
Connectivity	Crosswalk and optional advanced warning LEDs activate concurrently

BLINKERBEAM® WIRELESS RADIO

ACTIVATIONS

Push Button Activation	ADA push button, typical (<120 millisecond)
User-Actuated Push Button	XAV2-LED or Bulldog
Passive Detection	Wireless bollards
Autonomy	22-day minimum

XAV2-LED PUSH BUTTON

OPTIONAL PROGRAMMING

BlinkLink	Optional cloud software with cellular modem**

**Dependent upon system configuration*

Note: Specifications are approximate and subject to change. Some parts shown may be for illustration purposes only.

BULLDOG PUSH BUTTON

Top View

1.5 in

Side View   4

Front View   22 in