

# Award model and components

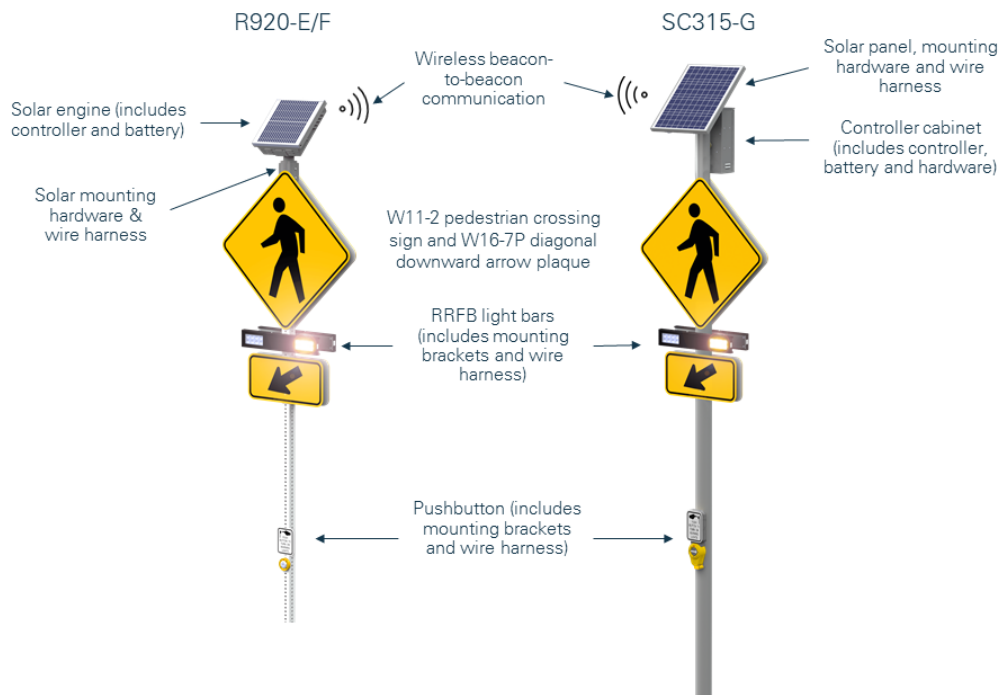
## America Walks 2021 Crosswalk Grant – Rectangular Rapid Flashing Beacons

Carmanah Technologies will provide one single award for a set of two Rectangular Rapid Flashing Beacons (RRFBs) to be installed at one uncontrolled crossing (i.e. midblock crosswalk). The systems can be AC- or solar-powered and the standard features will include:

- Two controller cabinets/solar engines
- Two or four lightbars (depends on the roadway; see [RRFB Application Guide](#) for details)
- Two standard pushbuttons (Polara Bulldog) or two audible pushbuttons (Polara iNX)
- Wiring harness
- Batteries
- Solar panels
- Mounting hardware
- Signage, if required, (diamond-shaped crosswalk signs and downward arrow plaques)

Carmanah will not provide poles and bases, as these may already be in place, or the City may have their own specifications. Models and components available for this award are described in the graphics below. Carmanah will need to conduct a complimentary solar site assessment (Energy Balance Report) to determine the appropriate system model.

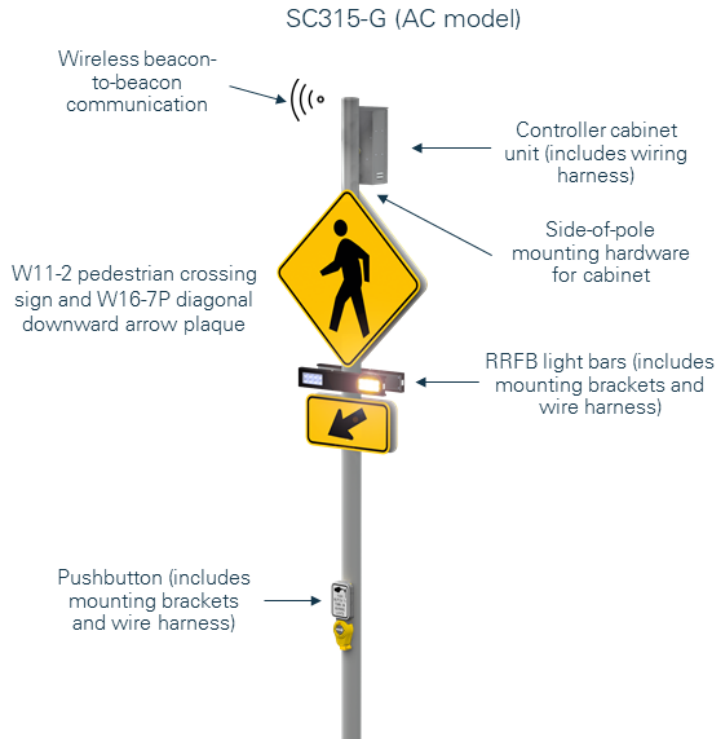
### Solar-powered model options (2 x [R920-E/F](#) OR [SC315-G](#))



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AC-powered model options (2 x [SC315-G](#))



Components not included in grant for any model:

- Pole, base
- Custom mounting hardware
- Additional units (i.e. 3<sup>rd</sup> system)
- Cellular remote monitoring

### Carmanah Support

The product will be fully supported and warranted by Carmanah. This includes:

- [Carmanah Energy Balance Report](#) (site-specific solar assessment; used to determine a sustainable battery and solar panel size)
- Carmanah's **five-year limited warranty** (one-year battery warranty)
- Direct access to Carmanah's technical support team and [Product Support Center](#)
- Free product shipping

Learn more at [carmanah.com](https://www.carmanah.com)

All Carmanah products are manufactured in facilities that are certified to ISO quality standards.