Square Retroreflectors

BRT-2X2 and **BRT-2X2LVC**

- Square, acrylic target
- Reflectivity factor: 1.0
- Maximum temperature:
  - **BRT-2X2**: +50 °C (+122 ºF)
  - **BRT-2X2LVC**: –20 °C to +60 °C (–4 °F to +140 °F)
- Optional brackets are available
- Reflector size: 51 mm × 51 mm
- Approximate size: 51.3 mm × 61 mm
- Mounting holes:
  - **BRT-2X2**: Two 4.2 mm diameter slots
  - **BRT-2X2LVC**: Two 4.5 mm diameter slots
- CAD files:
  - **BRT-2X2**: DXF, PDF, IGS, STP
    BRT-2X2LVC: DXF, PDF, IGS, STP

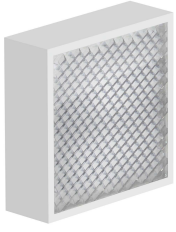
BRT-2X2-25 Qty 25 of BRT-2X2

BRT-2X2-100 Qty 100 of BRT-2X2



BRT-11X11M and **BRT-11X11MD**

- Square, acrylic target
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Approximate size:
  - **BRT-11X11M**: 11 mm × 11 mm × 3.7 mm
  - **BRT-11X11MD**: 11 mm × 11 mm × 5.8 mm
- Mounting:
  - **BRT-11X11M**: Double-sided tape (not included)
  - **BRT-11X11MD**: M3 x 8.5 mm threaded plastic mounting stud (not shown)
- CAD files:
  - **BRT-11X11M**: DXF, PDF, IGS, STP
  - **BRT-11X11MD**: DXF, PDF, IGS, STP



BRT-35X35B and **BRT-35X35BM**

- Square, acrylic target
- Reflectivity Factor:
  - **BRT-35X35B**: 1.3
  - **BRT-35X35BM**: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 35 mm × 34 mm
- Approximate size: 35 mm × 42 mm × 8.6 mm
- Two M3 mounting holes, 25 mm centers
- **BRT-35X35BM** only: Micro-prism geometry
- CAD files:
  - **BRT-35X35B**: DXF, PDF, IGS, STP
  - **BRT-35X35BM**: DXF, PDF, IGS, STP



BRT-51X51BM

- Square, acrylic target
- Reflectivity Factor: 1.5
- Temperature: –20 °C to +50 °C (–4 °F to +122 °F)
- Micro-prism geometry
- Optional brackets are available
- Reflector size: 51 mm × 51 mm
- Approximate size: 51 mm × 61 mm × 6.2 mm
- Two 4.6 mm diameter slots for mounting
- CAD Files: DXF, PDF, IGS, STP



BRT-77X77C, **BRT-77X77CT**, **BRT-92X92C**, and **BRT-92X92CB**

- **BRT-77X77C** and **BRT-92X92C**: Square, acrylic target
- **BRT-92X92CB**: Square, acrylic target with a black mounting base
- Reflectivity Factor:
  - **BRT-77X77C**: 2.0
  - **BRT-92X92xx**: 3.0
- Temperature:
  - **BRT-77X77C** and **BRT-92X92C**: –20 °C to +60 °C (–4 °F to +140 °F)
  - **BRT-92X92CB**: +50 °C (+122 °F) maximum
- Optional brackets are available
- Reflector size:
  - **BRT-77X77C**: 77 mm × 77 mm
  - **BRT-92X92xx**: 92 mm × 92 mm
- Approximate size:
  - **BRT-77X77C**: 84.5 mm × 84.5 mm × 9 mm
  - **BRT-92X92xx**: 100 mm × 100 mm × 9 mm
- Two 3.5 mm diameter mounting holes
- CAD Files:
  - **BRT-77X77C**: DXF, PDF, IGS, STP
  - **BRT-92X92C**: DXF, PDF, IGS, STP
  - **BRT-92X92CB**: DXF, PDF, IGS, STP

BRT-77X77CT includes **BRT-77X77C** and mounting tape.



BRT-84X84A

- Square, acrylic target
- Reflectivity Factor: 2.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 84 mm × 84 mm × 9 mm
- Two 4.2 mm diameter slots for mounting
- CAD Files: DXF, PDF, IGS, STP



BRT-4HT

- Square, aluminum target
- Reflectivity Factor: 0.15
- Maximum Temperature: +480 °C (896 °F)
- Not recommended for polarized retroreflective sensors
- Approximate size: 100 mm × 100 mm × 0.5 mm
- CAD Files: DXF, PDF, IGS, STP



Retroreflectors without mounting holes or studs are typically mounted using double-sided tape (not supplied by Banner).

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Original Instructions
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