## Round Retroreflectors

*Round acrylic targets*

| Model | Reflectivity Factor | Operating Temperature Range | Diameter (mm) | CAD Files | |
|---|---|---|---|---|---|
| BRT-.6 | 1.0 | –20 °C to +60 °C (–4 °F to +140 °F) | 20.3 | CAD files: DXF, PDF, IGS, STP |  |
| BRT-1 | 1.0 | | 25 | CAD files: DXF, PDF, IGS, STP | |
| BRT-1.5 | 1.0 | | 46 | CAD files: DXF, PDF, IGS, STP | |
| BRT-25R (with mounting rivet) | 1.0 | | 25.2 | CAD files: DXF, PDF, IGS, STP | |
| BRT-34 | 1.2 | | 34.5 | CAD files: DXF, PDF, IGS, STP | |
| BRT-34T (with mounting tape) | 1.2 | | 34.5 | | |
| BRT-35DM Micro-prism geometry with mounting stud | 1.2 | | 34.5 | CAD files: DXF, PDF, IGS, STP | |
| BRT-42 | 1.0 | | 41 | CAD files: DXF, PDF, IGS, STP | |
| BRT-42D (with mounting stud) | 1.0 | | 42 | CAD files: DXF, PDF, IGS, STP | |
| BRT-50 | 1.0 | | 50.8 | CAD files: DXF, PDF, IGS, STP | |
| BRT-50D (with mounting stud) | 1.0 | | 50.8 | CAD files: DXF, PDF, IGS, STP | |
| BRT-50R (with mounting rivet) | 1.0 | | 50.8 | CAD files: DXF, PDF, IGS, STP | |

**BRT-.6-25** Qty 25 of BRT-.6

**BRT-1-25** Qty 25 of BRT-1

*Round acrylic targets with center mounting holes*

| Model | Reflectivity Factor | Operating Temperature Range | Diameter (mm) | Mounting Hole Diameter (mm) | |
|---|---|---|---|---|---|
| BRT-2B (CAD files: DXF, PDF, IGS, STP) | 1.0 | –20 °C to +60 °C (–4 °F to +140 °F) | 60.5 | 6.3 |  |
| BRT-3 (CAD files: DXF, PDF, IGS, STP) | 1.0 | | 84 | 4.8 | |
| BRT-84 (CAD files: DXF, PDF, IGS, STP) | 1.4 | | 84 | 4.5 | |

**BRT-2B-25** Qty 25 of BRT-2B

**BRT-3-25** Qty 25 of BRT-3

**BRT-3-72976** includes BRT-3 circular retroreflector, bracket 118046, and a #10-24 screw and nut to mount the reflector to the bracket.

**BRT-3-72977** includes BRT-3 circular retroreflector, bracket 118046, and a #10-24 screw and nut to mount the reflector to the bracket.

**BRT-10BM**
- Round, acrylic target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Size: 10 mm diameter × 3.7 mm
- Reflective area: ø10 mm



**BRT-42A**
- Round, acrylic target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 60 mm × 42 mm
- Reflective area: 42 mm diameter
- Two 3.5 mm diameter mounting holds, 50 mm centers
- CAD files: DXF, PDF, IGS, STP



**BRT-41AHT**
- Round, borosilicate (Pyrex type) glass target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +200 °C (–4 °F to 392 °F)
- Approximate size: 132 mm × 74 mm
- Reflective area: 41 mm diameter
- Two 8.5 mm diameter mounting holes, 109 mm centers
- CAD files: DXF, PDF, IGS, STP



Retroreflectors without mounting holes, studs, or rivets are typically mounted using double-sided tape (purchased separately unless listed with the product).



© Banner Engineering Corp. All rights reserved.
www.bannerengineering.com

b_51955136
p/n: b_51955136 Rev. A

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

# Banner Engineering Corp Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

**THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), AND WHETHER ARISING UNDER COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE.**

This Warranty is exclusive and limited to repair or, at the discretion of Banner Engineering Corp., replacement. **IN NO EVENT SHALL BANNER ENGINEERING CORP. BE LIABLE TO BUYER OR ANY OTHER PERSON OR ENTITY FOR ANY EXTRA COSTS, EXPENSES, LOSSES, LOSS OF PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM ANY PRODUCT DEFECT OR FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER ARISING IN CONTRACT OR WARRANTY, STATUTE, TORT, STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE.**

Banner Engineering Corp. reserves the right to change, modify or improve the design of the product without assuming any obligations or liabilities relating to any product previously manufactured by Banner Engineering Corp. Any misuse, abuse, or improper application or installation of this product or use of the product for personal protection applications when the product is identified as not intended for such purposes will void the product warranty. Any modifications to this product without prior express approval by Banner Engineering Corp will void the product warranties. All specifications published in this document are subject to change; Banner reserves the right to modify product specifications or update documentation at any time. Specifications and product information in English supersede that which is provided in any other language. For the most recent version of any documentation, refer to: www.bannerengineering.com.

For patent information, see www.bannerengineering.com/patents.


© Banner Engineering Corp. All rights reserved. www.bannerengineering.com