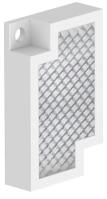
Rectangular Retroreflectors

BRT-23X14CM
- Rectangular, acrylic target
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Two 2 mm diameter mounting holes
- CAD Files: DXF, PDF, IGS, STP



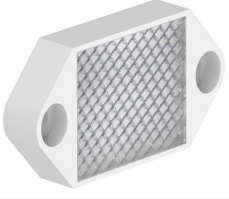
BRT-30X20M and **BRT-30X20MT**
- Rectangular, acrylic target
- **BRT-30X20MT** only: Includes mounting tape
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 20 mm × 30 mm × 2.5 mm
- CAD Files:
  - **BRT-30X20M**: DXF, PDF, IGS, STP
  - **BRT-30X20MT**: DXF, PDF, IGS, STP



BRT-32X20AM
- Rectangular, thin-profile acrylic target
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Reflector size: 20 mm × 20 mm
- Approximate size: 20 mm × 32 mm × 3 mm
- Two 3.5 mm diameter mounting holes, 26 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-32X22A
- Rectangular, acrylic target
- Reflectivity Factor: 1.3
- Max. Temperature: +65 °C (+149 °F)
- Reflector size: 25 mm × 32 mm
- Approximate size: 25 mm × 55 mm × 9.5 mm
- CAD Files: DXF, PDF, IGS, STP



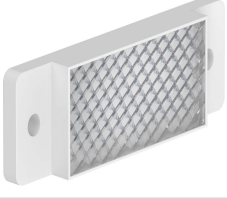
BRT-33x13ABCM3 and **BRT-33x13ABC**
- Rectangular, acrylic target
- Reflectivity Factor: 1.3
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Optional brackets are available
- Approximate size: 33 mm × 13 mm
- M3 mounting holes (threaded for BRT-33x13ABCM3; clearance holes for BRT-33x13ABC)
- CAD Files: DXF, PDF, IGS, STP



BRT-35X20A or **BRT-35X20AB**
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Mounting base available in white (**BRT-35X20A**) or black (**BRT-35X20AB**)
- Reflector size: 23.5 mm × 40 mm
- Approximate size: 23.5 mm × 55 mm × 8 mm
- Two 3.5 mm diameter mounting holes, 48 mm centers
- CAD Files:
  - **BRT-35X20A**: DXF, PDF, IGS, STP
  - **BRT-35X20AB**: DXF, PDF, IGS, STP



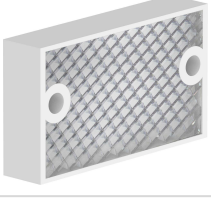
BRT-40X18A
- Rectangular, acrylic target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 18 mm × 40 mm
- Approximate size: 18 mm × 60 mm × 8 mm
- Two 3.5 mm diameter mounting holes, 50 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-40X23
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 23.5 mm × 40 mm × 8 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-40X23A
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 39 mm × 23 mm × 8.2 mm
- Two 3.5 mm diameter mounting holes, 32 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-40X23B
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Max. Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 23.5 mm × 40 mm
- Approximate size: 23.5 mm × 47.5 mm × 8 mm
- Two 3.5 mm diameter mounting holes, 12.1 mm centers
- CAD Files: DXF, PDF, IGS, STP



Continued on page 2

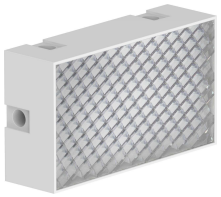
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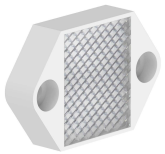
ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

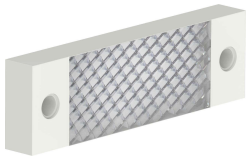
Continued from page 1

BRT-40X23ABC
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Max. Temperature: +50 °C (+122 °F)
- Approximate size: 23 mm × 40 mm × 11.3 mm
- CAD Files: DXF, PDF, IGS, STP



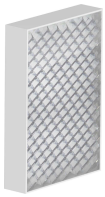
BRT-44X29A6
- Rectangular, acrylic target
- Reflectivity Factor: 1.1
- Max. Temperature: +50 °C (+122 °F)
- 6 mm facets
- Close to the face retroreflective sensing with a bifurcated lens
- Reflector (approximate) size: 28 mm × 25 mm
- Approximate size: 29 mm × 44 mm × 9 mm
- Two 4.5 mm through holes, 34 mm centers
- CAD Files: DXF, PDF, IGS, STP



Model	Target Type	Reflectivity Factor	Temperature	Reflector Size (mm)	Dimensions and Mounting (mm)	
BRT-40X19A CAD Files: DXF, PDF, IGS, STP	Acrylic	1.3	–20 °C to +60 °C (–4 °F to +140 °F)	18 × 40	18 × 60 × 7.3 Two 4 mm mounting holes, 50 mm centers	
BRT-40X19A-PS, Yellow back	Polystyrene, chemically compatible with hydrogen peroxide	1.0				
BRT-40X19AM CAD Files: DXF, PDF, IGS, STP	Thin-profile acrylic, micro-prism geometry	1.2		19 × 40	19 × 60 × 3 Two 4 mm mounting holes, 51 mm centers	
BRT-40X20AM CAD Files: DXF, PDF, IGS, STP		1.2		20 × 30	20 × 42 × 3.5 Two 3 mm diameter mounting holes, 37 mm centers	

Model	Target Type	Reflectivity Factor	Temperature	Dimensions and Mounting (mm)	
BRT-60X40AF	Acrylic target, anti-fogging coating for use around steam CAD Files: DXF, PDF, IGS, STP	1.4	–20 °C to +60 °C (–4 °F to +140 °F)	40 × 60, optional brackets are available	
BRT-60X40C	Acrylic target CAD Files: DXF, PDF, IGS, STP	1.4			
BRT-60X40CM	Microprism CAD Files: DXF, PDF, IGS, STP	1.4			
BRT-60X40C-M4	Acrylic target with two 4 mm mounting holes CAD Files: DXF, PDF, IGS, STP	1.4			
BRT-60X40C-PS	Polystyrene target, yellow back, chemically compatible with hydrogen peroxide	1.1			
BRT-60X40IP69K	Amber acrylic target, chemically resistant, IP69K washdown rated CAD Files: DXF, PDF, IGS, STP	0.7	–20 °C to +140 °C (–4 °F to +284 °F)		

BRT-48X32
- Rectangular, acrylic target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 32.5 mm × 48 mm × 8 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-48X32A
- Rectangular, acrylic target
- Reflectivity Factor: 1.0
- Max. Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 32 mm × 48 mm
- Approximate size: 32 mm × 65 mm × 8 mm
- Two 3 mm diameter mounting holes, 56 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-48X32B
- Rectangular, acrylic target
- Reflectivity Factor: 1.0
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 32 mm × 48 mm
- Approximate size: 32.5 mm × 57 mm × 8 mm
- Two 2 mm diameter mounting slots
- CAD Files: DXF, PDF, IGS, STP



BRT-53X19A
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 19 mm × 53 mm
- Approximate size: 19 mm × 72 mm × 8 mm
- Two 3.5 mm diameter mounting holes, 63 mm centers
- CAD Files: DXF, PDF, IGS, STP



Continued on page 3

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Continued from page 2

BRT-53X30A
- Rectangular, acrylic target
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Reflector size: 30 mm × 53 mm
- Approximate size: 30 mm × 82 mm × 8 mm
- Two M4 diameter mounting holes, 68.2 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-62X10AM
- Rectangular, thin-profile acrylic target
- Reflectivity Factor: 1.2
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Reflector size: 10 mm × 50 mm
- Approximate size: 10 mm × 62 mm × 3.5 mm
- Two 3.5 mm diameter mounting holes, 56 mm centers
- CAD Files: DXF, PDF, IGS, STP



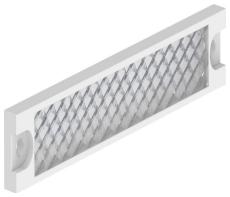
BRT-80X50C
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 50 mm × 80 mm × 7.2 mm
- Two 3.6 mm diameter mounting holes
- CAD Files: DXF, PDF, IGS, STP



BRT-80X50CM
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Micro-prism geometry
- Approximate size: 50 mm × 80 mm × 7 mm
- Two 3 mm diameter mounting holes
- CAD Files: DXF, PDF, IGS, STP



BRT-100X18A
- Rectangular, acrylic target
- Reflectivity factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 18.5 mm × 120 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-100X50
- Rectangular, acrylic target
- Reflectivity Factor: 1.5
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 50 mm × 101 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-100X55A
- Rectangular, acrylic target
- Reflectivity Factor: 1.5
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 55 mm × 132 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-150X18A
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 18 mm × 170 mm
- Two M4 clearance holes, 160 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-150X18T
- Rectangular, acrylic target includes mounting tape
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 18 mm × 150 mm × 7.7 mm
- CAD Files: DXF, PDF, IGS, STP



BRT-L
- Rectangular, acrylic target
- Reflectivity Factor: 0.8
- Maximum Temperature: +65 °C (+149 °F)
- Approximate size: 19 mm × 165 mm × 3.8 mm
- CAD Files: DXF, PDF, IGS, STP

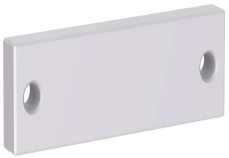
BRT-L-25 Qty 25 of BRT-L



BRT-180X40A
- Rectangular, acrylic target
- Reflectivity Factor: 1.4
- Temperature: –20 °C to +60 °C (–4 °F to +140 °F)
- Approximate size: 42 mm × 182 mm × 7.4 mm
- Two mounting holes for M5, 150 mm centers
- CAD Files: DXF, PDF, IGS, STP



BRT-Q4X-60X18
- Reference target for clear object detection or dual-mode applications
- FDA-grade acetal material
- CAD Files: DXF, PDF, IGS, STP



BRT-Q4X-60X50
- Reference target for clear object detection or dual-mode applications
- FDA-grade acetal material
- CAD Files: DXF, PDF, IGS, STP



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