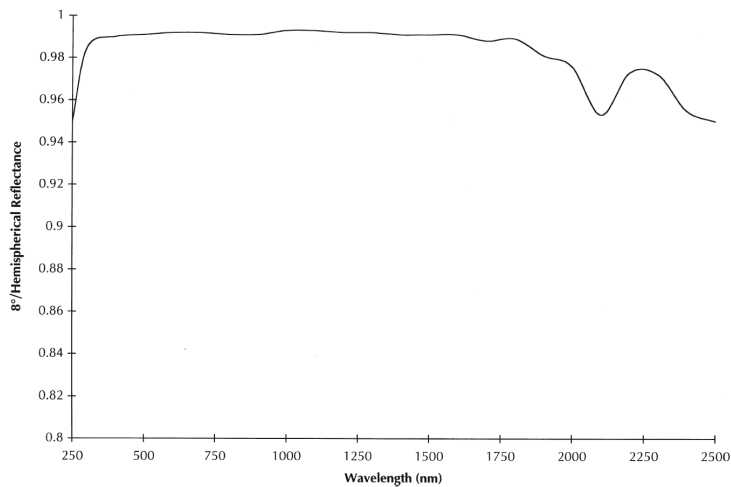


DIFFUSE REFLECTANCE TARGETS

Durable reflectance panels for laboratory and field applications that require exposure to harsh conditions

TYPICAL 8° HEMISPHERICAL REFLECTANCE - SRM-990



SPECTRALON® TARGETS

Spectralon targets are ideal for laboratory and field applications that require long exposure to harsh environmental conditions such as field validation experiments performed to collect remote sensing data. Because of the diffuse reflectance properties of Spectralon, these targets maintain a constant contrast over a wide range of lighting conditions.

Spectralon targets are available in plates up to 24 inches square and are available in white or gray material and are mounted in a rugged anodized aluminum frame. Calibration data from 250 to 2500nm, every 50nm is supplied with the targets. Calibration data is traceable to the National Institute of Standards and Technology (NIST). All targets are thermally and chemically stable and easily cleaned. Targets larger than 24 inches squared can be constructed and calibrated, custom targets of various reflectance values are also available up to 3 meters squared.

FEATURES:

- Durable and washable
- High reflectance
- Impervious to harsh environments
- Diffuse reflectance

APPLICATIONS:

- Backlight Illuminators
- Environmental Test Targets
- Laser Targets
- Optical Reflectors
- Remote Sensing Targets

SPECTRALON® CONTRAST TARGETS

Spectralon Contrast Targets are perfect for the calibration of video cameras, densitometers, the contrast transfer of propagation media, and the testing of imaging systems in field conditions.

These chemically inert targets are durable and washable, consisting of a diffuse white (99% reflectance) and a diffuse dark gray (10% reflectance) panel mounted side-by-side in an anodized aluminum frame.

Spectralon multi-step targets consist of four panels of 99, 50, 25 and 12% reflectance values mounted side-by-side. The four panels provide equal optical density differences and equal contrast between each adjacent panel.

INFRAGOLD® TARGETS

Infragold® targets are mounted in an anodized aluminum frame and are used for infrared applications. Targets are available in plates up to 18 inches square. Larger infrared targets can be constructed and calibrated by arranging Infragold plates in arrays; seams may be visible but do not affect the overall reflectance of the target.



Specifications

Spectralon® Diffuse Reflectance Targets

Target part no.	Reflectance Value	Reflective Area (inches)	Size Mounted (LxWxH inches)	Order Number
SRT-02-020	2%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-900
SRT-02-050	2%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-900
SRT-02-100	2%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-900
SRT-02-120	2%	12 x 12	12.25 x 12.25 x 0.56	AA-00827-900
SRT-02-180	2%	18 x 18	18.25 x 18.25 x 0.56	AA-00826-900
SRT-02-240	2%	24 x 24	24.25 x 24.25 x 0.56	AA-00837-900
SRT-05-020	5%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-800
SRT-05-050	5%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-800
SRT-05-100	5%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-800
SRT-10-020	10%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-700
SRT-10-050	10%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-700
SRT-10-100	10%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-700
SRT-20-020	20%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-600
SRT-20-050	20%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-600
SRT-20-100	20%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-600
SRT-40-020	40%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-500
SRT-40-050	40%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-500
SRT-40-100	40%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-500
SRT-50-020	50%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-400
SRT-50-050	50%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-400
SRT-50-100	50%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-400
SRT-50-120	50%	12 x 12	12.25 x 12.25 x 0.56	AA-00827-400
SRT-50-180	50%	18 x 18	18.25 x 18.25 x 0.56	AA-00826-400
SRT-50-240	50%	24 x 24	24.25 x 24.25 x 0.56	AA-00837-400
SRT-60-020	60%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-300
SRT-60-050	60%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-300
SRT-60-100	60%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-300
SRT-75-020	75%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-200
SRT-75-050	75%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-200
SRT-75-100	75%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-200
SRT-75-120	75%	12 x 12	12.25 x 12.25 x 0.56	AA-00827-200
SRT-75-180	75%	18 x 18	18.25 x 18.25 x 0.56	AA-00826-200
SRT-75-240	75%	24 x 24	24.25 x 24.25 x 0.56	AA-00837-200
SRT-80-020	80%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-100
SRT-80-050	80%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-100
SRT-80-100	80%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-100
SRT-99-020	99%	2 x 2	2.25 x 2.25 x 0.56	AA-00823-000
SRT-99-050	99%	5 x 5	5.25 x 5.25 x 0.56	AA-00821-000
SRT-99-100	99%	10 x 10	10.25 x 10.25 x 0.56	AA-00822-000
SRT-99-120	99%	12 x 12	12.25 x 12.25 x 0.56	AA-00827-000
SRT-99-180	99%	18 x 18	18.25 x 18.25 x 0.56	AA-00826-000
SRT-99-240	99%	24 x 24	24.25 x 24.25 x 0.56	AA-00837-000

Spectralon® Contrast Targets

Target Part No.	Type	Reflectance Values	Reflective area (inches)	Order Number
SRT-SP-050	Split	99, 10%	5 x 5	AA-00656-000
SRT-SP-100	Split	99, 10%	10 x 10	AA-00657-000
SRT-SP-180	Split	99, 10%	18 x 18	AA-00658-000
SRT-MS-050	Multi-step	99, 50, 25, 12%	5 x 5	AA-00659-000
SRT-MS-100	Multi-step	99, 50, 25, 12%	10 x 10	AA-00660-000
SRT-MS-180	Multi-step	99, 50, 25, 12%	18 x 18	AA-00661-000

Infragold® Diffuse Reflectance Targets

Target Part No.	Reflectance Value	Reflective Area (inches)	Size Mounted (inches)	Order Number
IRT-94-020	94%	2 x 2	2.25 x 2.25 x 0.31 T	AA-00026-121
IRT-94-050	94%	5 x 5	5.25 x 5.25 x 0.31 T	AA-00026-221
IRT-94-100	94%	10 x 10	10.25 x 10.25 x 0.31 T	AA-00026-320
IRT-94-180	94%	18 x 18	18.25 x 18.25 x 0.31 T	AA-00050-020

