



Daniel Rozin
CONTOURS

bitforms gallery

Contours

Daniel Rozin

June 6–August 3, 2024

Opening reception: Thursday, June 6, 6–8 PM

Gallery hours: Tuesday–Saturday: 11 AM–6 PM

For over three decades Daniel Rozin has been exploring the mechanisms of reflection. The artist utilizes custom software and mechanical engineering to examine a range of materials that reflect the viewer's image in real-time. For his tenth exhibition at the gallery, *Contours*, the artist turns his focus to the outline of the human form.

Rozin's works often invite true-to-image reflection. Exhibited works in *Contours* shift away from rich appearance and towards the tension of delineated borders. Modern masters such as Pablo Picasso and Keith Haring celebrated the tension between line and area, inside and out, by implementing silhouettes and abstraction. Rozin presents four new pieces that approach the minimal side of reflection through the diverse materials of lenses, straps, carbon fiber tubing, and light.

One Candle Mirror is a monumental installation situated in total darkness. The sculpture's single light is diffused by 276 lenses positioned in front of the single candle. Each lens is articulated by a motor that rotates its focal direction "bending" the light to depict the viewer's likeness while they move around the space. Rozin references the effect to that of a solar eclipse, citing the 1919 eclipse as a notable event that historically verified Albert Einstein's theory of gravity bending light. Einstein's theory was proven to be true by measures taken by Arthur Stanley Eddington during a total solar eclipse. In front of Rozin's sculpture the viewer's reflection is expressed as a silhouette made by the absence of light. In a nod to Keith Haring's famously defined figures, Rozin plays with art historical archetypes through physical means.

RGB Lights Mirror employs color reflection and is the 25th piece in the artist's *Mechanical Mirrors* series that began in 1999 with *Wooden Mirror*. *RGB Lights Mirror* returns to the idea of turning tiles towards a bright light to activate them as pixels in a physical image. The work is made from aluminum knobs that rotate to face red, green, or blue lights and become color pixels. The vivid lights, coupled with the glow of the aluminum knobs, result in a saturated display that looks deceptively like an LED screen or a projected image. Viewers standing in front of the piece see themselves in saturated color and full motion.

Rozin's latest works, *Contour Mirror* and *Straps Mirror*, exemplify the artist's analysis of form and outline. *Contour Mirror* is equipped with two columns of carbon fiber tubes. Contrasting yellow caps highlight the ends of each tube. When a viewer stands in front of the sculpture, all tubes respond in a choreography that aligns their yellow ends to portray the viewer's outline. *Straps Mirror* continues Rozin's investigation of constructing images by means of straight line objects. His exploration began in 2010 using wooden slats in the artwork *X by Y* and *Twisted Strips* (2012). This latest piece approaches straight lines through ribbons consisting of half white and half black straps that roll using custom mechanics. The work creates a high contrast image that investigates the contrast between monochromatic two dimensional areas and one dimensional lines.

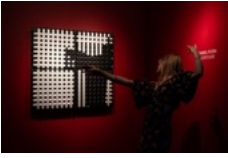
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b. 1961

Lives and works in New York City

For nearly three decades, Daniel Rozin's practice has investigated the structure and materiality of images. From mosaics to digital images comprising pixels, discrete components are assembled to make a whole. Employing a range of materials—from trash to hand fans—Rozin probes at what constitutes an image, as well as what can be transformed into one. Rozin's interactive installations and sculptures integrate the viewer, in real time, to create a representation of the viewer's likeness in the object. His kinetic "mirrors" are often made with materials that become unexpectedly "reflective," responding to a person's presence via a camera and physical computing or custom software. Reflection and surface transformation become a means to explore human behavior, representation, and perception. Past exhibitions of his work include the Reina Sofia National Museum, Madrid, Spain; Victoria and Albert Museum, London, England; The Garage CCC, Moscow, Russia; The Hermitage St. Petersburg, Russia; NTT InterCommunication Center, Tokyo, Japan; The Israel Museum, Israel, Jerusalem; Milwaukee Art Museum, Milwaukee, WI; Whitworth Art Gallery, Manchester, England; Taiwan National Museum of Fine Art, Taichung, Taiwan; Barbican Centre, London, England; CAM Raleigh, Raleigh, NC; Art Gallery of Nova Scotia, Halifax, Canada; Bunkamura Museum of Art, Tokyo, Japan; Perot Museum of Nature and Science, Dallas, TX; Katonah Museum of Art, New York, NY; ICA Portland, Portland, ME; the Central Academy of Fine Arts Museums, Beijing, China; Ringling Museum of Art, Sarasota, FL; the Peabody Essex Museum, Salem, MA; and the Sundance Film Festival, Park City, UT. Rozin is an Arts professor at the ITP department of Tisch school at NYU

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Daniel Rozin

Straps Mirror, 2024

64 black and white webbing straps, motors, control electronics, computer, camera, custom software

47 x 47 in / 119.4 x 119.4 cm

Edition of 6, 1 AP

\$ 75,000.00



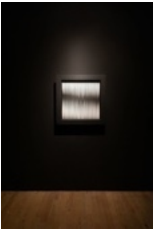
Daniel Rozin

RGB Lights Mirror, 2023

818 aluminum knobs, motors, camera, computer, custom electronics, firmware and software, red, green and blue lights

52 x 59 x 7 in / 132.1 x 149.9 x 17.8 cm

\$ 185,000.00



Daniel Rozin

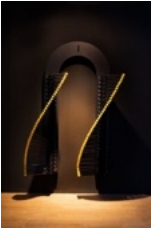
Twisted Strips, 2012

Silicone strips, motors, micro-controller, wooden frame

31 x 31 x 3" / 78.7 x 78.7 x 7.6 cm

Edition of 6, 1 AP

\$ 42,000.00



Daniel Rozin

Contour Mirror, 2024

96 carbon fiber tubes, motors, control electronics, computer, camera, custom software

60 x 8 x 4 in / 152.4 x 20.3 x 10.2 cm

\$ 120,000.00



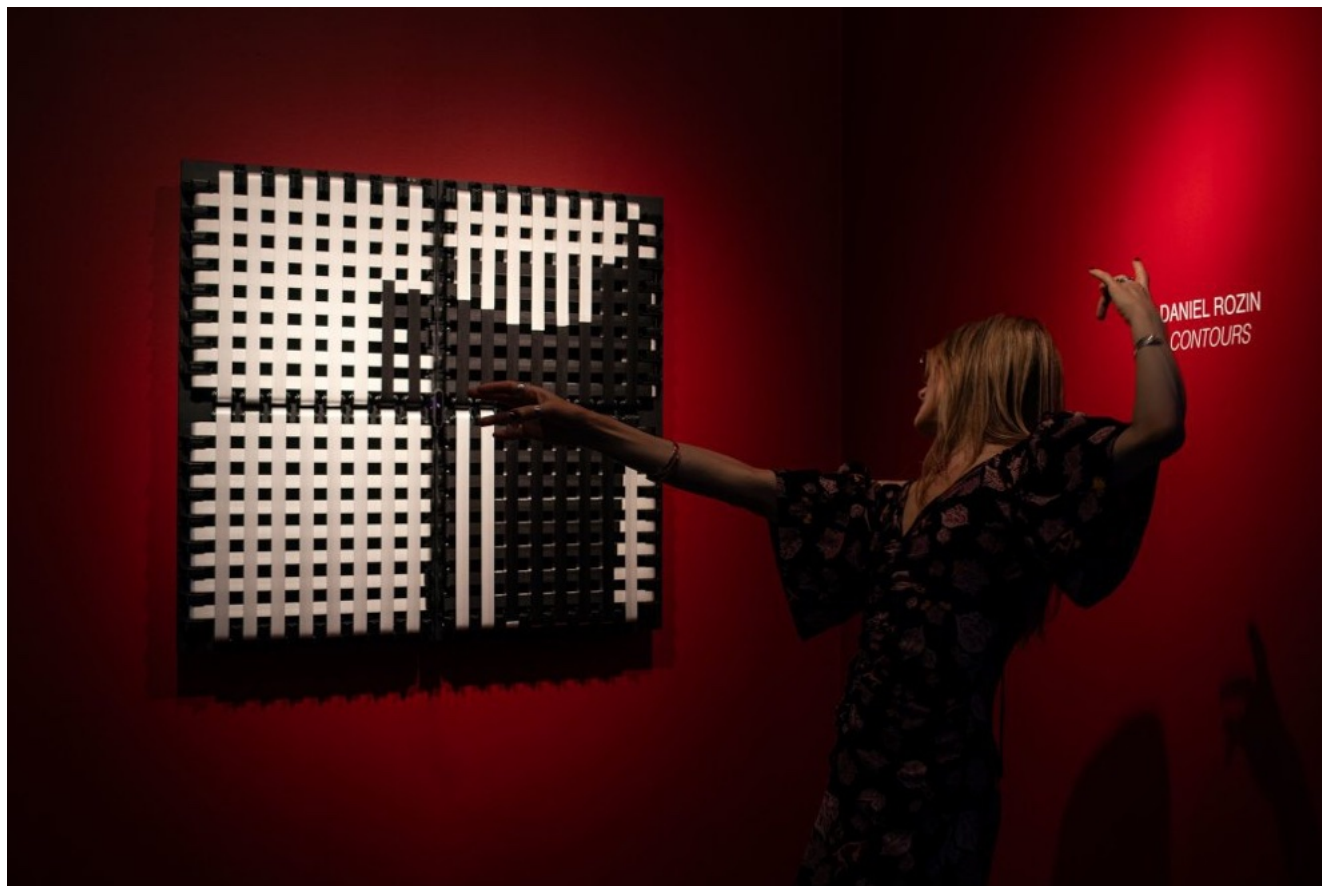
Daniel Rozin

One Candle Mirror, 2023

276 3D printed lenses, motors, control electronics, computer, camera custom software, candle

96 x 72 x 48 in / 243.8 x 182.9 x 121.9 cm

\$ 200,000.00



Daniel Rozin

Straps Mirror, 2024

64 black and white webbing straps, motors, control electronics, computer, camera, custom software

47 x 47 in / 119.4 x 119.4 cm

Edition of 6, 1 AP

\$ 75,000.00

Video documentation: <https://vimeo.com/955345445>

Straps Mirror continues Rozin's investigation of constructing images by means of straight line objects. His exploration began in 2010 using wooden slats in the artwork *X by Y* and *Twisted Strips* (2012). This latest piece approaches straight lines through ribbons consisting of half white and half black straps that roll using custom mechanics. The work creates a high contrast image that investigates the contrast between monochromatic two dimensional areas and one dimensional lines.

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Daniel Rozin

RGB Lights Mirror, 2023

818 aluminum knobs, motors, camera, computer, custom electronics, firmware and software, red, green and blue lights

52 x 59 x 7 in / 132.1 x 149.9 x 17.8 cm

\$ 185,000.00

Video documentation: <https://vimeo.com/955345292>

RGB Lights Mirror is Rozin's third Mechanical Mirror to employ full color reflection and the 25th piece in the series of Mechanical Mirrors that began with *Wooden Mirror* (1999). *RGB Lights Mirror* is a return to the original idea of the *Wooden Mirror* where tiles turn to face a bright light to become pixels in a physical image. In *RGB Lights Mirror* the aluminum knobs rotate to face red, green, or blue lights and become full color pixels in a physical image. The vivid lights, coupled with the glow of the aluminum knobs, result in a strangely saturated display that looks deceptively like an LED screen or a projected image. Further examination by the viewer reveals the mechanical kinetic nature of the piece. The rotating knobs create a 3D, depth illusion that is almost holographic. Viewers standing in front of the piece see themselves in vivid color and full motion.



Daniel Rozin

Twisted Strips, 2012

Silicone strips, motors, micro-controller, wooden frame

31 x 31 x 3" / 78.7 x 78.7 x 7.6 cm

Edition of 6, 1 AP

\$ 42,000.00

Video documentation: <https://vimeo.com/61924239>

Twisted Strips is a kinetic sculpture that explores serial image generation and perceptual illusion, specifically Op Art from the 1950s and 60s which inspired the piece. Breaking the picture plane into a black field and twenty-one motorized vertical strips, the sculpture produces rhythmic waves of movement. The animated pattern shifts in arc and frequency, as the two motors on each strip continually rotate in and out of phase. Using an approach visually analogous to the tape loop structures found in minimal music, new shapes constantly flow through the composition and are perceived by the eye as a singular picture in motion.

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Daniel Rozin

Contour Mirror, 2024

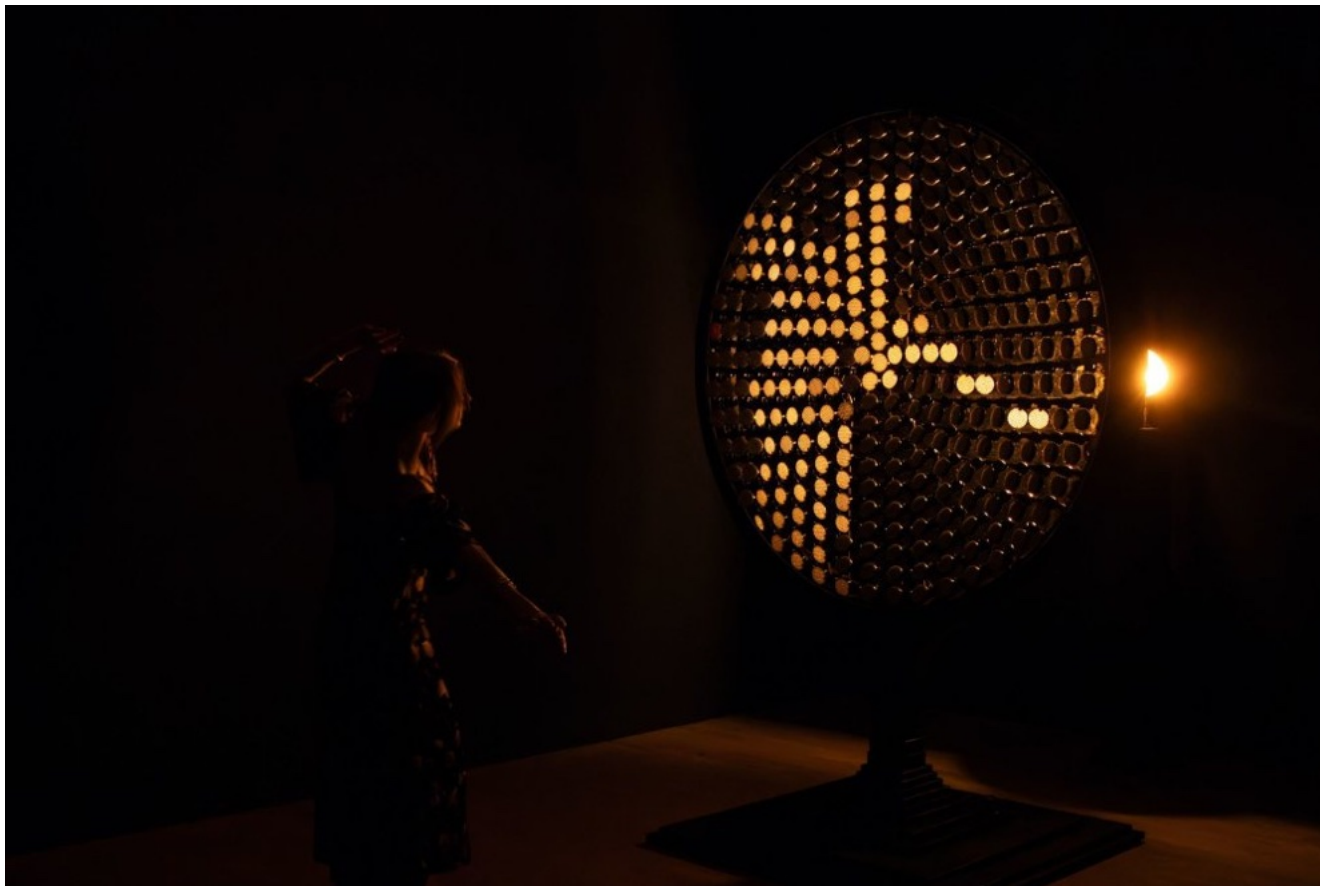
96 carbon fiber tubes, motors, control electronics, computer, camera, custom software

60 x 8 x 4 in / 152.4 x 20.3 x 10.2 cm

\$ 120,000.00

Video documentation: <https://vimeo.com/955345514>

Contour Mirror exemplifies Rozin's analysis of form and outline. The work is made out of two columns of carbon fiber tubes with contrasting yellow caps highlighting the ends of each tube. When a viewer stands in front of the sculpture, all tubes respond in a choreography that aligns their yellow ends to portray the viewer's outline.



Daniel Rozin

One Candle Mirror, 2023

276 3D printed lenses, motors, control electronics, computer, camera custom software, candle

96 x 72 x 48 in / 243.8 x 182.9 x 121.9 cm

\$ 200,000.00

Video documentation: <https://vimeo.com/955345046>

One Candle Mirror is a monumental installation situated in total darkness. The sculpture's single light is diffused by 276 lenses positioned in front of the single candle. Each lens is articulated by a motor that rotates its focal direction "bending" the light to depict the viewer's likeness while they move around the space. Rozin references the effect to that of a solar eclipse, citing the 1919 eclipse as a notable event that historically verified Albert Einstein's theory of gravity bending light. Einstein's theory was proven to be true by measures taken by Arthur Stanley Eddington during a total solar eclipse. In front of Rozin's sculpture the viewer's reflection is expressed as a silhouette made by the absence of light. In a nod to Keith Haring's famously defined figures, Rozin plays with art historical archetypes through physical means.

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Installation view

bitforms gallery, New York

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Right: *Contour Mirror*, 2024



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Installation view

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Left to right: *RGB Lights Mirror*, 2023; *Twisted Strips*, 2012

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Installation view

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Left to right: *RGB Lights Mirror*, 2023; *Contour Mirror*, 2024

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Installation view

bitforms gallery, New York

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Left to right: *Twisted Strips*, 2012; *Contour Mirror*, 2024

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Daniel Rozin

Contours

Installation view

bitforms gallery, New York

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Center: *One Candle Mirror, 2023*