

Spencer Finch

RGB

This work explores the complex interactions of the main constituent colors of white light: red, green, blue. With a simple arrangement of the three permutations of the three colors: red/blue, green/blue, red/green, the lightboxes demonstrate the basics of optical mixing. The combinations of red/blue and blue/green create the "expected" mix of these two colors, however the combination of red and green creates yellow—totally unexpected. So while the work appears to be a simple abstract arrangement of stripes of three colors, it is in fact an examination of the peculiarities and unique beauty of human perception. Because of the way the stripes "mix" to form other colors, the works will appear quite different when viewed up close as opposed to being viewed from a distance, adding to the subtle variation of the work.





Required Materials

The three lightboxes will be made using LED lights and Fujitrans film mounted to Lexan housed within powder-coated aluminum. These types of lightboxes are made to last thousands of hours of continuous use without need for replacement. The LEDs themselves are rated to last 50,000 hours and the Fujitrans printed artwork is an archival material rated to last many years without change.

Budget and Maintenance

The design of this piece requires no special maintenance. The project is expected to include fabrication, delivery and installation for \$120,000.