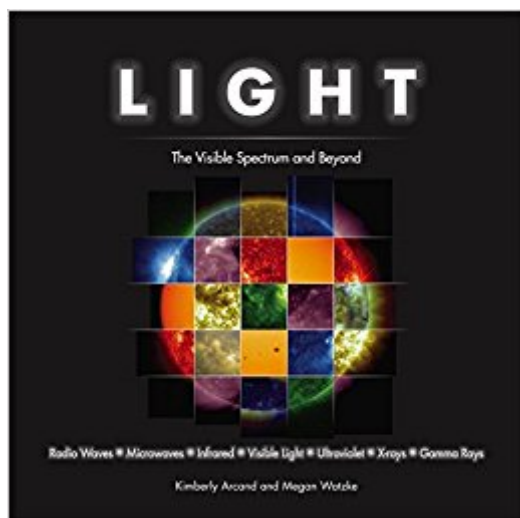


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# Light: The Visible Spectrum And Beyond



## Synopsis

A visual exploration of the power and behavior of light, across the electromagnetic spectrum, and how it affects life on earth and everything in the Universe. Light allows us to see everything around us, but humans can only see a sliver of all light, known as the electromagnetic spectrum. Here, Kim Arcand and Megan Watzke present the subject of light as never before. Organized along the order of the electromagnetic spectrum, each chapter focuses on a different type of light. From radio waves, harnessed for telecommunications, to X-rays, which let us peer inside the human body and view areas around black holes in deep space, Arcand and Watzke show us all the important ways light impacts us. An introductory chapter describes what light is and how it behaves, while hundreds of full-color photographs and illustrations demonstrate concepts and make for a stunning book that's a joy to read and browse. Kimberly Arcand and Megan Watzke are award-winning directors, producers, and authors who have spent their careers in science and technology. Arcand is the visualization lead for NASA's Chandra X-ray Observatory, specializing in image and meaning research, and data representation. She lives near Providence, RI. Watzke is the press officer for NASA's Chandra X-ray Observatory, specializing in communicating astronomy with the public. She lives in Seattle, WA. They are co-authors of *Your Ticket to the Universe* and have written dozens of articles in print and online.

## Book Information

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## Customer Reviews

"Beautiful and absorbing...Any astronomy enthusiast would be struck with joy while reading through this book" – Dave Eicher, Astronomy.com "Highly informative and a feast for the

eyes" – Mario Livio, author of The Golden Ratio "Entertaining as well as educational" – Phil Plait, Slate

Kimberly Arcand and Megan Watzke are award-winning directors, producers, and authors who have spent their careers in science and technology. Arcand is the visualization lead for NASA's Chandra X-ray Observatory, specializing in image and meaning research, and data representation. She lives near Providence, RI. Watzke is the press officer for NASA's Chandra X-ray Observatory, specializing in communicating astronomy with the public. She lives in Seattle, WA. They are co-authors of Your Ticket to the Universe and have written dozens of articles in print and online.

extremely disappointing, just a collection of photos with little text

Beautiful photos, good text

Fantastic !!!!!

very easy and good book to have

fascinating and hard work to understand 'light'

I already knew some things about the light spectrum and its value for astrophysics and this very good book helped fill in the blank spots. Being self taught on a subject leaves blank spaces in the continuum of knowledge so I'm very grateful to the authors for a simply worded yet pretty sophisticated exposition of the subject. Would recommend for anyone interested in light and the impact it has on human existence.

Bought for son in optical engineering. He stated pictures are good and it would be good for a middle school or high school student. Too basic for college student.

I just received the 1st of two books I ordered from today written by Kim Arcand and Megan Watzke! "Light The Visible Spectrum and Beyond" and all I can say is WOW! This hardcover book is Spectacular in Every Detail from the Unbelievable Images to the Accompanying Narratives that describe each Aspect of Light in Fine Detail! I thought I knew something about light since I've been

a photographer all of my life and have a high-level of interest in Astronomy and the Sciences, but I've never seen another book like it! I have to consider this book the entire "Encyclopedia of Light!" It's a MUST HAVE for all Astronomers, Astrophotographers, Cosmologists, Physicists, or anyone else interested in learning about the many Fascinating Properties of Light! Purchase this well-written book for yourself or as a gift for your child, a family member or friend! You will not be disappointed! Kim Arcand works for NASA as a Visualization lead for the Chandra X-Ray Telescope and Megan Watzke works at the Smithsonian in Washington DC. Both of these women have excellent credentials and they have done an Outstanding Job in writing this book! Update January 1st 2016 Recommended by Scientific American! <http://www.scientificamerican.com/article/book-review-light/>

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