



## Synopsis

This guide to the story of light in which photography of original equipment, intricate scientific instruments, revealing experiments and 3-D models offer a unique view to the incredible discoveries that have transformed our world. See why ancient peoples worshipped the Sun as a God; how light rays bend; why things glow when they are very hot; what creates a colour television picture; how microscopes and telescopes were invented ; why a leaf looks green; how fibre optics can transmit light; what happens during an eclipse; why images are reversed in mirrors; how a liquid crystal display works; what makes a hologram; what causes the eerie "will o' the wisp"; how do some animals make their own light; what creates a mirage; why we burn in strong sunlight; what a polarising filter does; why we see rainbows; what a quantum is and how X-rays penetrate our bodies.

## Book Information

Series: Eyewitness Guides

Hardcover: 64 pages

Publisher: Dorling Kindersley Publishers Ltd; New Ed edition (October 1, 1998)

Language: English

ISBN-10: 0751361305

ISBN-13: 978-0751361308

Product Dimensions: 8.9 x 0.4 x 11.4 inches

Shipping Weight: 1.6 pounds

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #3,037,660 in Books (See Top 100 in Books) #13 in Books > Children's Books > Science, Nature & How It Works > Light & Sound #1107 in Books > Children's Books > Education & Reference > Science Studies > Physics #255328 in Books > Science & Math

## Customer Reviews

Grade 6 Up-- This series uses the familiar "Eyewitness" format to trace scientific developments and discoveries. Arrangement is roughly chronological, with double-page illustrations and photos on each spread, a wealth of information is provided, ranging from explanations of processes to historical tidbits and trivia. Descriptions of solar cells and interference colors ( Light) and the telegraph-page treatments focusing on general areas of interest. Light covers such topics as shadows, refraction, lasers, and holograms, while Electricity includes conduction, magnetism, communication, and more. With six to eight captioned receiver (Electricity) are brief, but clear and concise. Despite these

strengths, the format limits the books' usefulness. Readers with little background will be overwhelmed by the deluge of information. Solid explanations of electricity and light are there, but it is hard to follow them systematically with all of the sidebars and related factual fragments.

Photographs are of excellent quality and are effective in illustrating the concepts discussed, but many require prior knowledge to understand and appreciate them. Although they cannot match the broad appeal of McCarthy & Arnold's *Reptile* (1991) or the Natural History Museum staff's *Rocks & Minerals* (1988, both Knopf), these titles will be useful and attractive supplements to science collections. --Steven Engelfried, Alameda County Library, CA Copyright 1992 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

...a mini museum between the covers of a book. [Eyewitness series] -- The New York Times These books' striking visual impact will draw in even the most casual readers. [Eyewitness series] -- School Library Journal --This text refers to an out of print or unavailable edition of this title.

I bought two. Fantastic book!

Great book for classroom experience, great for in school students for homeschool students. Lots of information in colorful pages with inviting graphics and details make it a great pick for any kid

Picked out this book as a reference for a seventh grade science project on light absorption/heat. It had the information we were looking for along with great illustrations. Thank-you.

[Download to continue reading...](#)

EYEWITNESS GUIDE:75 LIGHT 1st Edition - Cased (Eyewitness Guides) The Essential Wok Cookbook - Cased Top Sport: Gymnastics (Cased) Princess: A True Story of Life Behind the Veil in Saudi Arabia 1st (first) 1st (first) Edition by Sasson, Jean published by Windsor-Brooke Books, LLC (2001) Left Behind (Book 1) 1st ed/1st printing edition Day Light, Night Light: Where Light Comes From (Let's-Read-and-Find-Out Science 2) Light Therapy: Teach Me Everything I Need To Know About Light Therapy In 30 Minutes (Light Therapy - Season Affective Disorder - SAD - Vitamin D) Report of Brig. Gen. T. J. Jackson (Stonewall Jackson), C. S. Army, commanding First Brigade, Army of the Shenandoah (1st Manassas or 1st Bull Run) The History of Battery B, 1st Regiment Rhode Island Light Artillery DK Eyewitness Travel Guide: Kenya (DK Eyewitness Travel Guides) DK Eyewitness Top 10 Travel Guide: Cairo & The Nile (EYEWITNESS TOP 10 TRAVEL GUIDES) DK Eyewitness Travel Guide: Croatia (DK Eyewitness Travel Guides) Eyewitness Travel Guide to

Hawaii (Eyewitness Travel Guides) DK Eyewitness Top 10 Travel Guide: Honolulu & O'ahu (EYEWITNESS TOP 10 TRAVEL GUIDES) Eyewitness Travel Guide to New Orleans (Eyewitness Travel Guides) Eyewitness Travel Guide to Washington, DC (Eyewitness Travel Guides) Compass American Guides: Connecticut and Rhode Island, 1st Edition (Full-color Travel Guide) Compass American Guides: Montreal, 1st Edition (Full-color Travel Guide) Compass American Guides: Ohio, 1st Edition (Full-color Travel Guide) Compass American Guides: Kentucky, 1st Edition (Full-color Travel Guide)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)