

A NEW DIMENSION IN LIGHTING

from
ColorTran

the
QUARTZ-KING
1000
PROFESSIONAL



MORE LIGHT AT YOUR COMMAND FOR
TV, COMMERCIAL AND CINE PHOTOGRAPHY

Newest light in the recently announced Quartz-King line, the 1000 produces more than **860 foot-candles of smooth even light** at 10 feet! Utilizing the Sylvania "DXN" 1000-watt 3400°K quartz-iodine lamp, in a reflector of a brilliant new design, the Quartz-King 1000 produces a **round pattern of light**, perfectly smooth, without hot spots, without banding, and without filament pattern. Never before has so much usable light been available in a housing as compact and as light as the 1000!

The Quartz-King 1000 operates directly from standard 110/120 volt outlets. Intensity is maintained because the quartz-lamp will not discolor or dim during its entire life, and the reflector will never tarnish.

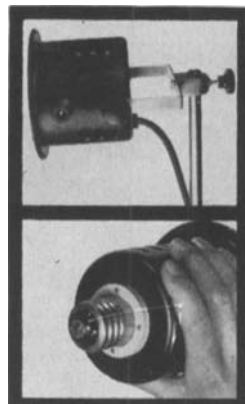
The Quartz-King 1000 is available in two basic models; Universal Yoke and Integral Mogul Screw Base, with either medium or wide flood reflectors.

WITH UNIVERSAL YOKE
LQK/10MY Medium Flood
LQK/10WY Wide Flood

Specially designed yoke permits mounting on 5/8" dia. light stands, horizontal or vertical bars. 1/4-20 thread for tripod mounting. 240° vertical tilt. Adjustable for horizontal or vertical lamp orientation. Supplied with 10 ft. 3-wire heavy duty safety-grounded cable with in-the-line switch and 3-to-2 prong adapter.

WITH INTEGRAL MOGUL SCREW BASE
LQK/10MM Medium Flood
LQK/10WM Wide Flood

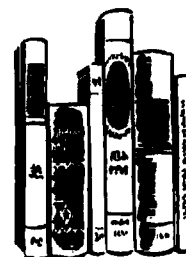
Allows use of QUARTZ-KING in any lamp or housing designed for mogul base lamps. Supplied with adapter for medium screw base sockets.



WRITE FOR
ILLUSTRATED LITERATURE

ColorTran

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**books
reviewed**

Modern Dictionary of Electronics

Compiled by Rudolf F. Graf. Published (1961) by Howard W. Sams & Co., Inc., 1720 E. 38 St., Indianapolis 6, Ind. 370 pp. incl. index, illus., diagrams. Price \$6.95.

Of the many dictionaries of electronics which have appeared in recent years, this dictionary has the advantage that it is designed primarily for technicians. Thus, many of the definitions are couched in simple, easy-to-understand terms, although in some cases they are not completely definitive from an engineering viewpoint.

The dictionary covers, with few exceptions, all of the terms in use in the present-day field of electronics. One such exception concerns the inclusion of *Fortran*, one of the many computer "languages." To be consistent, other computer languages such as *Cobol*, *Algol*, etc., should also have been included. A second exception is, again in the computer field, no listing of the *NAND* (for *Not AND*) gate, although the *OR*, *NOR*, *AND*, and *NOT* gates are listed.

In a book defining more than 10,000 terms, however, a few such omissions are inevitable, and do not detract from its utility.

For most engineers in the various fields of electronics, the definitions listed will be already well-known; however, for many specialists and for those in fields other than electronics, the dictionary will fill the need for a reference to enable the user to glean the gist of technical reports and papers in any area of electronics.—*Harvey W. Mertz*, Cherry Hill, N.J.

Electronic Equipment Design and Construction

By Geoffrey W. A. Dummer, Cleo Brunetti and Low K. Lee. Published (1961) by McGraw-Hill Book Company, Inc., 330 W. 42 St., New York 36. 241 pp. incl. index, illus., diagrams, tables. 6 by 9 in. Price \$8.50.

The increasing importance of environmental constraints on equipment design is attested by the vast sums currently being spent in building and operating a wide variety of facilities especially designed for environmental testing. The largest, best-known, and most expensive of these facilities have been built for simulating the space environment, in keeping with the present attention given to space vehicles. However, environmental constraints are also important in the design of earth-based and airborne equipment. This book is a generally successful attempt to bring together data and experience from many