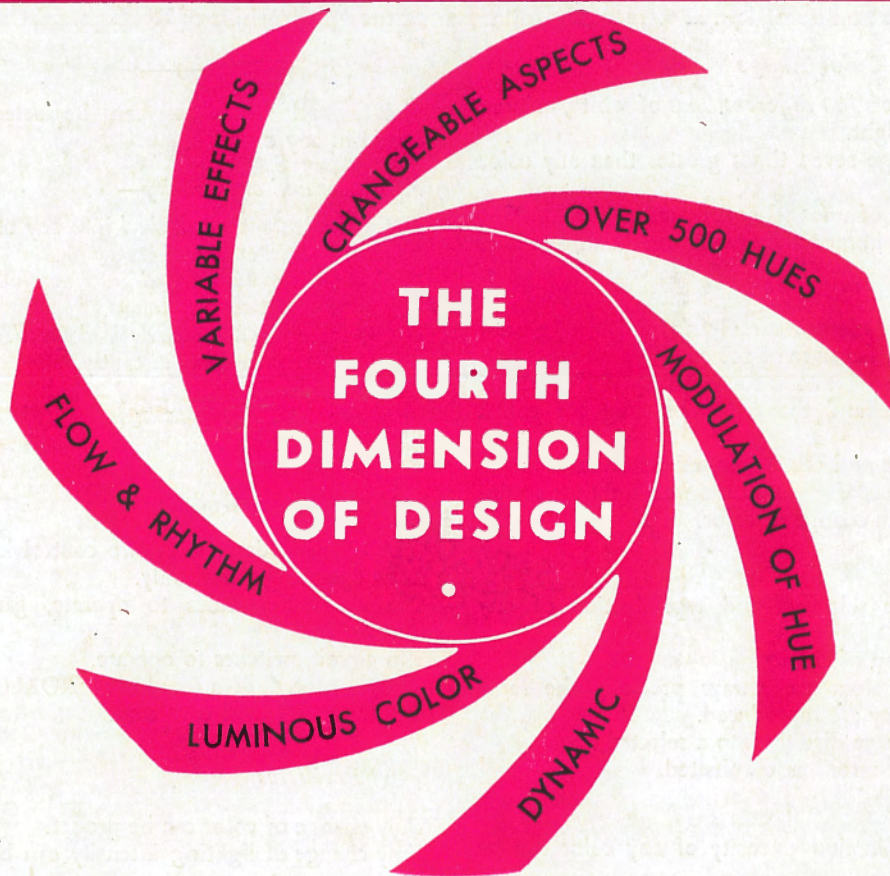


ROLLO COLOR CONTROLLED LIGHTING

PATENTS PENDING

FOR PRESENTATION AND SELLING



DRAMATIC LIGHTING —

- STAGES
- MOTION PICTURE
STUDIOS

DISPLAY LIGHTING —

- SHOP WINDOWS
- DISPLAYS
- FASHION SHOWS

DECORATIVE LIGHTING —

- BALL ROOMS
- HOTEL LOUNGES
- CONCERT HALLS
- AUDITORIUMS

COMMERCIAL LIGHTING —

- PHOTOGRAPHIC
STUDIOS
- ADVERTISING
FLOODLIGHTING

AS SIMPLE TO OPERATE AS A RADIO

ROLLOCOLOR DETERMINES THE FINAL APPEARANCE OF ALL THINGS

ROLLOCOLOR enables the color, hue, intensity and contrasting values of light to be modified as smoothly and quickly as one tunes in a radio station. In a few moments countless lighting arrangements may be viewed and records made of desired effects. Any operator can reproduce selected effects with perfect precision.

Merchandise can be displayed in exactly the right tint of white light, *window displays* can include variable periods of dynamic merging color to attract attention, *interior decorations* can be changed in aspect to suit every occasion, *ballroom lighting* can conform to the music, *designs* can be built up in luminous color, a new art is introduced for *color photography*, *stage lighting* is given new scope and mobility . . . to mention but a few of the applications of ROLLOCOLOR.

Unequalled Color Range

Upwards of 500 different hues of white, colored and tinted light.

Color range seven times greater than any color filter range.

Hundreds of unusual and delicate tints.

Any color immediately can be modulated in hue.

Lower Operating Cost

Eliminates cost of providing and fitting new filters for each change of color.

No replacement costs for worn and faded filters. Saves time and thought calculating for colors and filters.

Saves time and cost of experimental set-ups.

Cancels need for duplication of lighting equipment for each change of color.

Color Precision

Immediate selection and reproduction of any color.

Elimination of chance.

Selected colors are always precisely the same each time they are reproduced.

Colors merge directly into a selected hue.

"Operator-error" is eliminated.

Brightness Variation

The illumination intensity of any color can be varied.

A color at one intensity can change directly to another color at a different intensity.

The intensity can be varied during a change from one color to another.

A change in intensity does not upset the color hue.

Unexampled Flexibility

Colors and intensities can be selected and changed in any order.

Any color and or intensity—

Can be instantly *switched* into any other color and or intensity.

Can be slowly *merged* into any other color and or intensity.

Can be merged at any *desired speed*.

Can be *switched out* instantly.

Can be *dimmed out* at any speed.

Any color can be *varied in intensity* before, during or after a change.

Simplicity of Control

The operator deals with two control knobs and a small operating wheel only.

No rheostat handles to operate, gang-up or uncouple.

No circuit switches to operate.

Master control of a number of ROLLOCOLOR Units can be effected with ease.

Pre-set Facilities

Any change of color can be pre-set.

Any change of lighting intensity can be pre-set.

Notation

Every hue, tint and intensity can be identified by a number on the color scale.

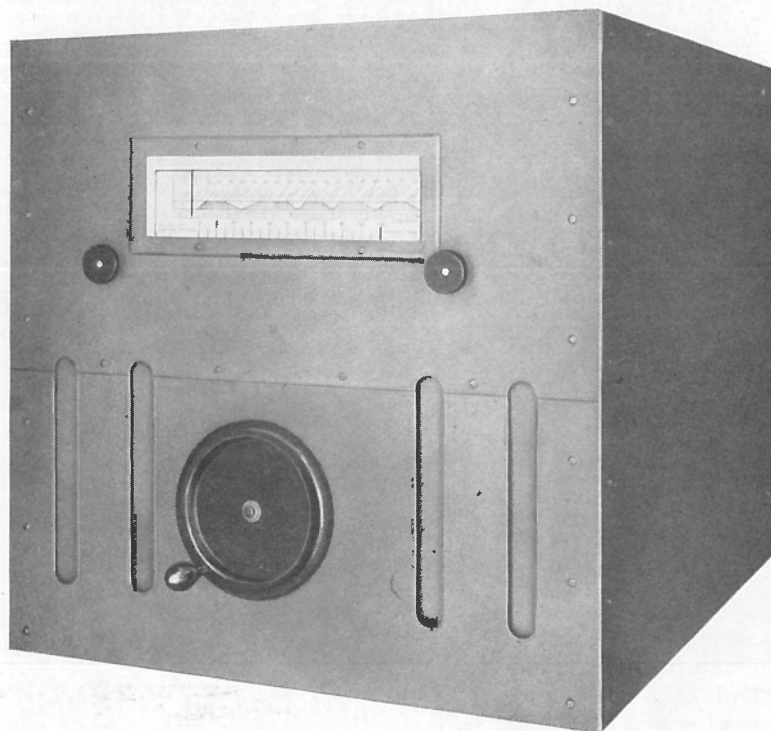
Color sequences can be written down and interpreted with ease, speed and precision.

THE ROLLOCOLOR AUTOMATIC MODEL

Lighting sequences can be quickly set up for a number of selected colors, which can then be reproduced at will, either one by one or as an automatically repeating sequence. The choice and arrangement of colors in a sequence can be changed whenever desired.

ROLLOCOLOR REMOTE CONTROL MODELS

Selection and change of color and intensity can be controlled from a small master panel located away from the actual ROLLOCOLOR controller. Multi-point control can be arranged.



Rollocolor manual type BB control unit.

ROLLOCOLOR PROVIDES DYNAMIC COLOR

ROLLOCOLOR is a lighting controller which resembles a radio set in appearance and is as simple to operate. It causes lighting equipment in almost any location to obey its dictates. By means of two control knobs and a small operating wheel, anyone—even though quite unskilled in color and illumination—actually can predetermine, select and produce over five hundred different hues of white and colored light and determine the illumination intensity of the selected color. The lighting changes can be made instantly or at any desired speed and in any order, while the illumination intensity of a color can be varied without disturbing the hue. No switches or dimmer handles have to be touched—only two small control knobs and one operating wheel.

A single ROLLOCOLOR control unit will also predetermine contrasting hues of colored light and provide them simultaneously with the selected color. Thus some sections of a lighting layout may illuminate in a different and contrasting hue to the main lighting. The selection of a particular hue from the color scale of the ROLLOCOLOR control unit, automatically causes the contrasting tints of light to be determined and provided. The

contrasting hues change in color and intensity at the same speed as the selected tint.

There is hardly any field of lighting which is not affected by ROLLOCOLOR—a revolutionary development—because static lighting can now be replaced by dynamic lighting matched to suit purpose and occasion.

ROLLOCOLOR techniques already are available so that surfaces can be shaped, textured and colored to give different responses to variations in lighting. The lighting determines the appearance presented at any one time by the design or decorative areas. Decorative schemes, for example, can have not one but many aspects and one selects the scheme most suited for a given purpose or occasion.

ROLLOCOLOR Controllers are available for both manual and automatic operation, and a number of ROLLOCOLOR Units can be grouped and operated by master control so that compound color harmonies built up of hues selected from the 500 (plus) colors available, can be provided, set up and reproduced with ease.

TECHNICAL DATA

Rollocolor Manual Type Control Units

Lighting Equipment

Standard ROLLOCOLOR Controllers are for use in conjunction with any type of four-color lighting equipment (cornice strip, window strip, flood bunches, footlights, etc.) or lighting apparatus grouped on four circuits (groups of spotlights, reflector lamps, etc.). The lighting equipment should be fitted with glass color filters, so that the four circuits correspond to Red, Green, Blue and White light. The Red, Green and Blue glass filters should be reasonably monochromatic.

The light sources should comprise Incandescent gas-filled lamps or Cold Cathode tubing.

We shall be pleased to advise on the provision of suitable glass color filters and to suggest types of lighting equipment which may be suitable for specific illumination problems.

Electrical Load

ROLLOCOLOR controllers can be supplied for use on A.C. or D.C. supplies. Touring models are arranged for use on both A.C. and D.C.

The maximum load of a standard type BB ROLLOCOLOR control unit is normally 6 K.W. per circuit—i.e., a total of 24 K.W. for the four

circuits. Controllers can be readily adapted for larger loads however.

Dimmer Components

The internal mechanism of the ROLLOCOLOR controller includes four dimmer components which must be of the right size for the four lighting circuits. Two types of dimmer component are most employed: (a) Resistance type, (b) Auto-transformer type. The price of the complete ROLLOCOLOR control unit varies according to the type and size of the dimmer components. The range of dimmers available includes the following:

Resistance Type Dimmers

Dimmer type	No. of steps	Max. load watts	Dimmer type	No. of steps	Max. load watts
A	32	650	K	110	2200
B	54	1350	L	110	3000
C	68	2000	M	110	3600
D	68	2700	R	58	5000
E	68	3000	S	58	6000

Auto-transformer Type Dimmers

Type V. Maximum load 4000 watts.

Type W. Maximum load 8000 watts.

ROLLOCOLOR CONTROL UNITS CAN BE SUPPLIED LESS DIMMER COMPONENTS AND READY TO RECEIVE THE PURCHASERS OWN DIMMERS BY ARRANGEMENT

Wiring Connections

The electrical connections are simple. Supply cables and circuit cables from the lighting equipment are connected to terminals in the ROLLOCOLOR controller in accordance with a simple diagram.

Sockets are provided on Touring models to allow cables to be immediately connected and disconnected.

Weight

Excluding dimmers approx. 110 lbs.

Overall Dimensions

Including space for dimmers up to 6 K.W. each in size:

30 inches wide

25 inches high

36 inches deep

Other Models

Details of ROLLOCOLOR AUTOMATIC and REMOTE CONTROL models will be given upon request. ROLLOCOLOR controllers are also available for THREE-COLOR LIGHTING.

A ROLLO GILLESPIE WILLIAMS PRODUCT

Authorized Distributor

CENTURY LIGHTING, INC.

419 West 55th Street

New York 19, N. Y.

Telephone Plaza 7-1135

Also at

626 North Robertson Boulevard

Los Angeles 46, California

Telephone Crestview 6-6335

Manufactured by The Color Lighting Corporation, 17 East 49th Street, New York 17, N. Y.
Telephone Plaza 5-1557

Hall
Michael