

Durst technical data sheet

SUBJECT
SAFELIGHT
CODE: PENCO

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a subsidiary of EHRENREICH PHOTO-OPTICAL INDUSTRIES, INC.

TECHNICAL BULLETIN #D536-1065-5



DURST "PENTACOLOR" 5 FILTER DARKROOM SAFELIGHT FOR

- Contact Printing Papers
(Chloride, Chlorobromide, etc.)
- Enlarging Papers
(Chlorobromide, bromide and
variable contrast)
- Black & White Films & Plates
- Graphic Arts Materials
- Medical & Scientific Film
X-Rays, Lantern Slide, plates, etc.

DURST "PENTACOLOR" (5) FILTER DARKROOM SAFELIGHT

The DURST "PENTACOLOR" is a uniquely designed, professional quality safelight equipped with a built-in switch and five interchangeable filters mounted on a rotating turntable so that the appropriate color is immediately available to the user. The large 5x7" front diffusing panel furnishes an evenly distributed light source.

Standard equipment consists of five filters:

- WHITE** For viewing prints, transparencies, negatives, x-rays and for general darkroom illumination.
- ORANGE** For all contact and most enlarging papers. May be used with high speed and variable contrast papers for limited exposure times.

LIGHT RED For extremely fast papers, blue sensitive films and plates and slow x-ray materials, KODAK Commercial film, KODAK GRAVURE, KODAK Contrast Process ORTHO, KODAGRAPH projection paper, KODAGRAPH contrast paper, KODALITH materials, KODAK plates, lantern slides, 33, 33 matte, process, DUPONT CRONAR commercial film, etc.

DEEP RED For fast ortho-chromatic films, plates and papers, KODAGRAPH fast projection paper, green sensitive films for photoradiography, KODAK commercial ORTHO, KODAK SUPER SPEED ORTHO PORTRAIT, KODAK ROYAL ORTHO, KODAK SUPER ORTHO press plates, 50 plates, ANSCO COMMERCIAL ORTHO, ANSCO SUPER HY-ORTHO, etc.

DARK GREEN For most panchromatic films and plates. (Check the manufacturer's recommendations before using) KODAK SUPER XX PAN, KODAK RS PAN, KODAK PANATOMIC-X, KODAK PORTRAIT PAN, KODAK CONTRAST PROCESS PAN, KODAK SUPER PANCHRO PRESS TYPE B, DUPONT CRONAR XF PAN.

AMBER BROWN (Available Separately, CODE: FIVAR) Safe for all Variable contrast, Chloride, Chloro-Bromide and Bromide papers. Replaces any one of the above five filters.

Other filter materials may be used by removing the lamphouse (two knurled nuts) and the filter retaining ring which holds the existing filter disk and replacing it with the desired material cut to size.

REPLACEMENT BULBS The recommended lamp for most applications is a 25 watt (T-8) Candelabra* or similar lamp of equal or lower wattage.

* (Code: 25T8c)

INSTALLATION Because of the swivel mounting and rotating head features, the PENTACOLOR lamp may be mounted either horizontally or vertically and the light directed to the desired area or the lamp may be pivoted and mounted close to the ceiling for indirect illumination.

NOTE: The lamp to sensitized material distance and the time of exposure should follow the recommendations of the manufacturer of the film or paper being used.