

Application Bulletin

AB-216

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Theatrical Lighting

Blacklight adds dramatic effects when illuminated on fluorescent materials. Theatrical productions use black light for quick-change scenes and spectacular stage settings. Colorful scenes and costumes, fluorescing under blacklight, also add to the overall effect. Many white materials have been treated with optical brighteners that are highly fluorescent when exposed to long wave ultraviolet radiation.

Blacklight effects are even being used in school plays. The backdrops are painted with vinyl latex paints. The paints can be thinned with water and items such as gloves, spots on clothing, etc., can be treated to make them fluorescent. The effective part of the black light is that anything that isn't fluorescent fades out of the picture and only the fluorescent items stand out.

Two BLAK-RAY XX-40 fixtures, sometimes three, will light an entire stage. Many fabrics are now fluorescent in themselves. For more information on BLAK-RAY Lamps, refer to UVP's Ultraviolet Catalog.

