

TBA Technology—Science for Art's Sake



Zoom Profile—Fresnel—Pebble Convex

TBA
TECHNOLOGY
A division of Tim Burnham Associates Ltd

TBA 65 Series

Uncompromising Quality at 650 watts

TBA Technology's new 65 Series Luminaires have all the quality and breeding of their close cousin, the Magic Lantern. Using many of the same mechanical components as TBA's innovative low voltage luminaires, 65 Series brings an entirely new level of quality and sophistication to the lower power stage lighting market.

Quality Performance

Using normal 220/240 volt 500 or 650 watt lamps, 65 Series packs more punch than its many competitors – take the Zoom Profile for example:

TBA have developed an optical design using a coated aspheric condenser lens to concentrate every available particle of light through the gate. The field quality is astonishingly uniform, which means that our 12 to 30 degree beam angle should realistically be compared to the *useful* light emitted from less efficient 15 to 35 degree luminaires (see photometric diagram).

The zoom lenses also have an anti-reflective coating, virtually eliminating surface losses.

The performance gains are remarkable, the value for money outstanding!

Quality Engineering

All of the advanced engineering of TBA's Magic Lantern is here in the 65 Series. Ruggedly constructed from aluminium extrusions and high quality pressure die-castings, 65 Series Luminaires outclass the competition for engineering quality and elegance.

Focussing a 65 Series Lantern is a joy! Brass tracks make lens or lamptray adjustment silky smooth; the spring-tensioned shutter assembly of the Zoom Profile is exactly the same as that fitted to a Magic Lantern, with the same light, positive feel. Cool shutter handles and locking knobs mean no burned fingers, and there's a full-sized heatproof grab handle on the back of every TBA luminaire.

Safety hasn't been forgotten: TBA's innovative colour frame/barndoor retention system is fitted as standard, as is the unique spring-tensioned gobo/iris grip. Irises and gobos cannot fall out, even if the lantern swings upside down!

As on all TBA luminaires, a safety ring is cast into the rear of the lamphouse, for safety chain attachment, and access for relamping requires a screwdriver or coin to open the large lamphouse door.

Quality Appearance

TBA's commitment to design quality means that all 65 Series lanterns are finished to the same high standard as Magic Lantern – no cuts, no compromises. Compare 65 Series appearance with the competition, and ask yourself which will most enhance the quality of your environment.

Quality Accessories

Each 65 Series Lantern is provided complete with a 1 metre power cable and one colour frame. Lamps are readily available from TBA, or from your usual dealer.

Gobos

The DHA Lighting range of patterns is available in TBA Lantern size, and DHA also offer a suitable gobo holder. DHA gobos are available from Rosco dealers worldwide, or from your TBA Stockist.

Drop-In Iris

A high quality drop-in Iris is available from your TBA Stockist.

Barndoor

A four-leaf rotatable barndoor is available to fit any 65 Series Lantern.

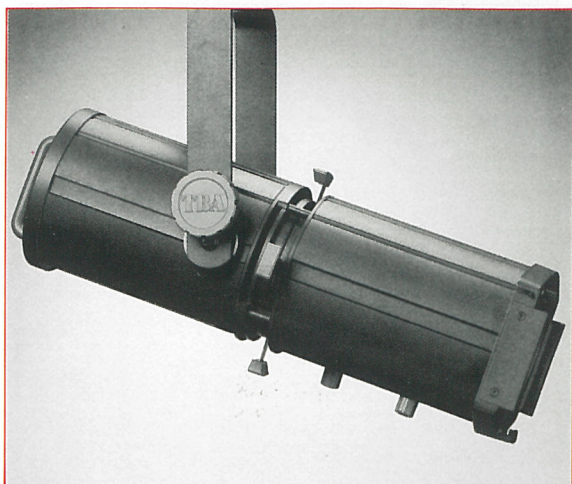
Gel Frame

Spare Gel Frames are available from your TBA Stockist.

Replacement Lamps

220/240 volt lamps: 300w M38, CP81
500w M40, T/18, T/25
650w T/26

TBA Z/65 Zoom profile



The classiest 650 watt Zoom on the market, with coated, three-lens condenser optics, spring-tensioned gate, four stainless steel shutters and spring-loaded colour frame retention. The TBA Z65 is in a league of its own, with performance, engineering quality and style never before seen in a 650 watt luminaire.

Applications

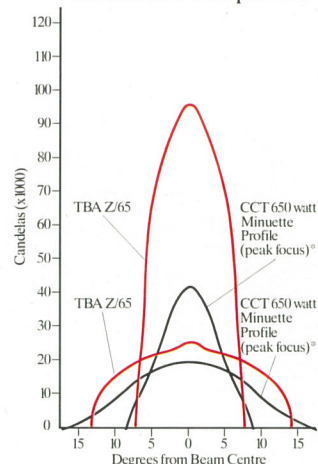
Theatres, Clubs, Educational Drama and Display Lighting. Excellent for Front of House and general stage work where a powerful, shaped beam is required, and superb for pattern projection

Beam Angle Range – 12 to 30 degrees

Dimensions – 555l x 213w x 160h (mm)

Weight – 5.23Kg

Photometric Comparison



TBA F/65 Fresnel



A compact and attractive spotlight, engineered for long, troublefree life. A specially-designed fresnel lens maximises light transmission, while giving outstanding smoothness of field.

A TBA Barndoor may be used for beam shaping.

Applications

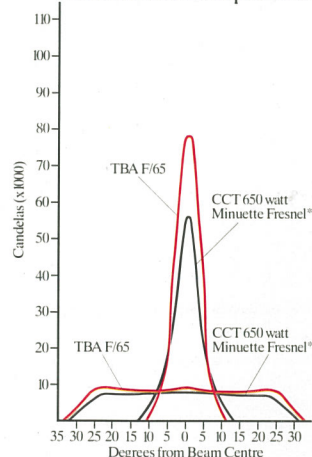
Theatres, Clubs, Educational Drama and Display Lighting. Excellent for general stage or feature lighting where a powerful, soft-edged beam is required.

Beam Angle Range – 16 to 65 degrees

Dimensions – 291l x 213w x 160h (mm)

Weight – 3.55Kg

Photometric Comparison



TBA P/65 Pebble Convex



This punchy pebble convex fills the gap between Fresnel and Profile, with a concentrated, striation-free beam, which is slightly harder edged than the Fresnel, and can also be shaped with a TBA Barndoor.

Applications

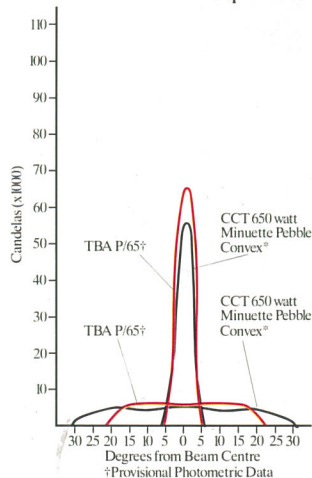
Theatres, Clubs, Educational Drama and Display Lighting. Excellent for Front of House and general stage and feature lighting where a powerful beam is required.

Beam Angle Range – 10 to 42 degrees

Dimensions – 291l x 213w x 160h (mm)

Weight – 3.56Kg

Photometric Comparison



*Values calculated from CCT Theatre Lighting Ltd Published Data

Due to continuous development, TBA Technology reserve the right to change specification without notice.



Science for Art's Sake

TBA Technology redefines the parameters of stage lighting:

- Magic Lantern, the world's first low voltage stage lighting range.
- TBA 65 Series, a new dimension of quality at 500/650 watts.
- Image, Imagine and Imagination, liberating creativity in lighting control.

TBA Technology—Innovation becomes reality

The genesis of a total range of advanced technology products, dedicating science to the advancement of art.

TBA
TECHNOLOGY

Europe
31 Corsica Street, London N5 1JT
Tel 01-359 3599 Telex 25960 Eurotl G
USA
PO Box 302, Walnut Creek, California 94596
Tel (415) 932 8134 Telex 176340