

From "T Spot" brochure, 1975

# Tspot

**an infinite permutation of beam shape and edge hardness/softness, plus 40% more light.**



T spot is based upon a computer designed optical system which achieves 40% increase in light over other 1000 watt halogen profile spots.; also T-spot incorporates a beam shaping shutter assembly affording an infinite permutation of shape and the projection of hard edges, soft edges, or a mixture of both hard and soft edges simultaneously. This allows precise cut off on one or more sides, with others merging into adjacent beams and patterns of light.

Stray light has been virtually eliminated by integrating all the components within a housing that is ventilated along its full length. Even though the option of mixed edge quality has been fully developed, it does not impair efficiency when T-spot is used as a profile spot.

Three lens variants are available - the **T-spot 64**, to suit the majority of theatrical applications, with a maximum beam spread of 22°.

The **T-spot 54**, for close range, with a spread of up to 30°, or, by substituting a different internal lens, a super wide 38° spread.



With all the shutters withdrawn to their full extent the 150mm diameter plano-convex lens projects a circular beam which can be hard or soft-edged.



Precise beam shaping with hard edges to contain the light to a specific area is obtained by ensuring the front shutters are withdrawn, with the rear shutters hard focussed.



A soft edged shaped beam is obtained with the rear shutters soft-focused. The soft edges from two or more spotlights will merge one with another, without distracting side scatter.



For a mixture of hard and soft edges the rear shutters are withdrawn to their full extent and the appropriate front shutters set hard-focus for hard edges. The rear shutters are then used to shape the

remaining soft edges.



A complete lighting picture, abstract or naturalistic, is a combination of the light from many spotlights. T-spot presents the beam qualities necessary to shape and contain the light within a precise area and yet combine one beam with another, and another, and another.



The rear handle assists the setting of the spotlight and there is a large disc and clamp tilt lock on each side. Either clamp gives a positive lock. T-spot is a compact unit only 190mm near square x 560mm long overall, with a textured black finish.



T-spot incorporates alternative tilt pivot positions - forward of the shutters, or behind for steep operating angles from a lighting bridge or fly gallery.



There are two sets of four beam-shaping shutters, top-access gate runners, and a hand-sized locking knob for the long travel lens movement with a fully baffled slot. Unwanted stray light is also prevented by internal runners for a DIN size 165mm square colour frame. Provision is made for remote colour change, either a colour wheel or an add-on semaphore unit.



A removeable lampray holds the 1000 watt tungsten halogen lamp. Spare lamprays are available to overcome the problem of replacing a failed hot lamp, quickly without altering the orientation or adjustment of the spotlight.



### Bifocal Spots

Unique to Rank Strand, providing beam shaping combined with a choice of hard edges, soft edges, or a combination of hard and soft edges simultaneously.

Patt. T64 Bifocal Profile Spot

1000W T/11 Halogen lamp. GX9.5 base

Bifocal, internal 150mm diameter PC front lens

T-Spot 64, 22 degree max spread. 3m diameter at 8m throw.

T-Spot 54, 30 degree max spread. 3m diameter at 5.6m throw.

190mm (almost) square, 560mm length. 9kg. Textured black finish.