



Tspot

1,000W HALOGEN

RANK STRAND ELECTRIC

Tspot

an infinite permutation of beam shape and edge hardness/softness, plus slot-in lenses for different beam spreads

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 the others merging into adjacent beams and patterns of light.

Three lens variants are available to provide different, but efficient, maximum beam spreads. The T-spot 64, to suit the majority of theatrical applications, has a maximum beam spread of 22°. The T-spot 54, for close range, has a spread of up to 30° and uses the same front lens, but reversed, plus a supplementary lens. Substituting a different internal lens gives a super wide 38°. Both the T-spot 64 and 54 now have slot-in lens mounts to allow rapid lens changes.

Unwanted spill light has been virtually eliminated by integrating the lamphouse, with removable lamp tray, and the shutter assembly, lens carrier and colour runners all within a housing that is ventilated along its full length.



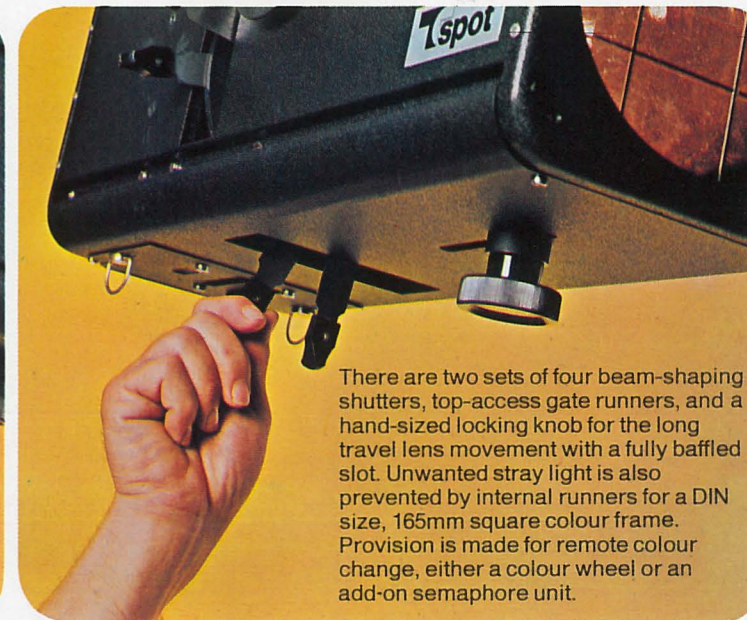
The rear handle assists the setting of the spotlight and there is a large disc and clamp tilt lock on each side. Either clamp gives a positive lock. T-spot is a compact unit only 190mm near square x 560mm long overall, with a textured black finish.



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



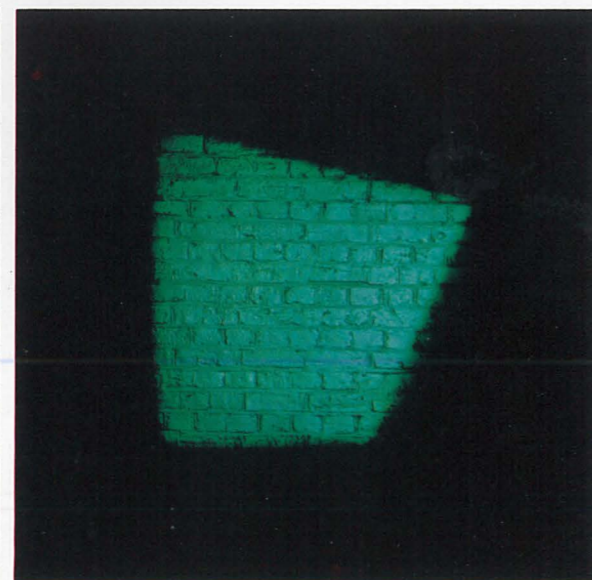
A removable lampray holds the 1000 watt tungsten halogen lamp. Spare lamprays are available to overcome the problem of replacing a failed hot lamp, quickly without altering the orientation or adjustment of the spotlight.



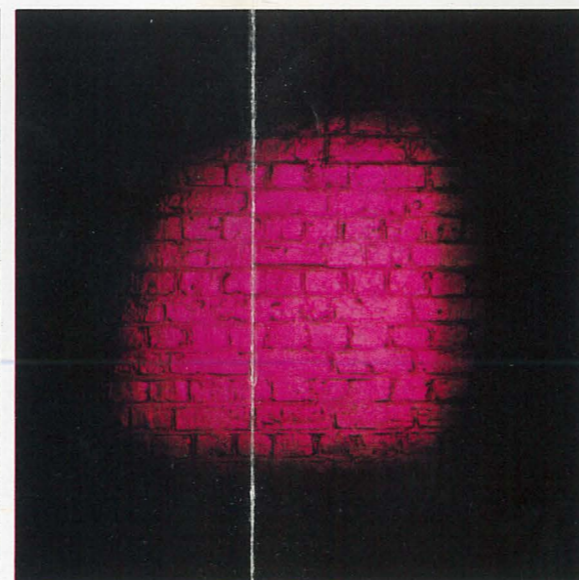
There are two sets of four beam-shaping shutters, top-access gate runners, and a hand-sized locking knob for the long travel lens movement with a fully baffled slot. Unwanted stray light is also prevented by internal runners for a DIN size, 165mm square colour frame. Provision is made for remote colour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



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.



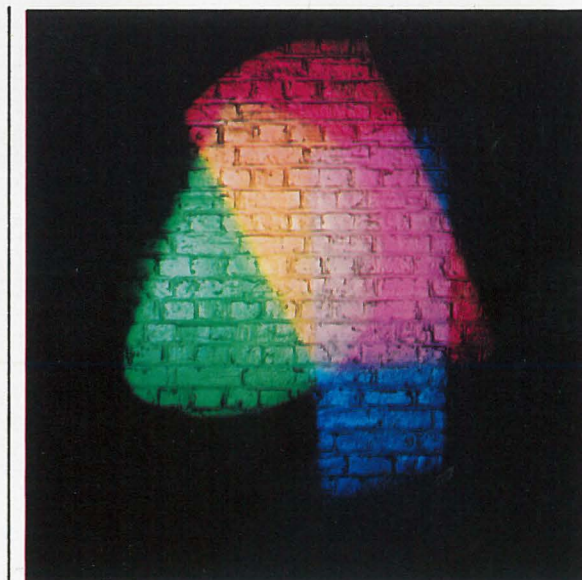
Precise beam shaping with hard edges to contain the light to a specific area is obtained by ensuring the front shutters are withdrawn, with the rear shutters hard focused.



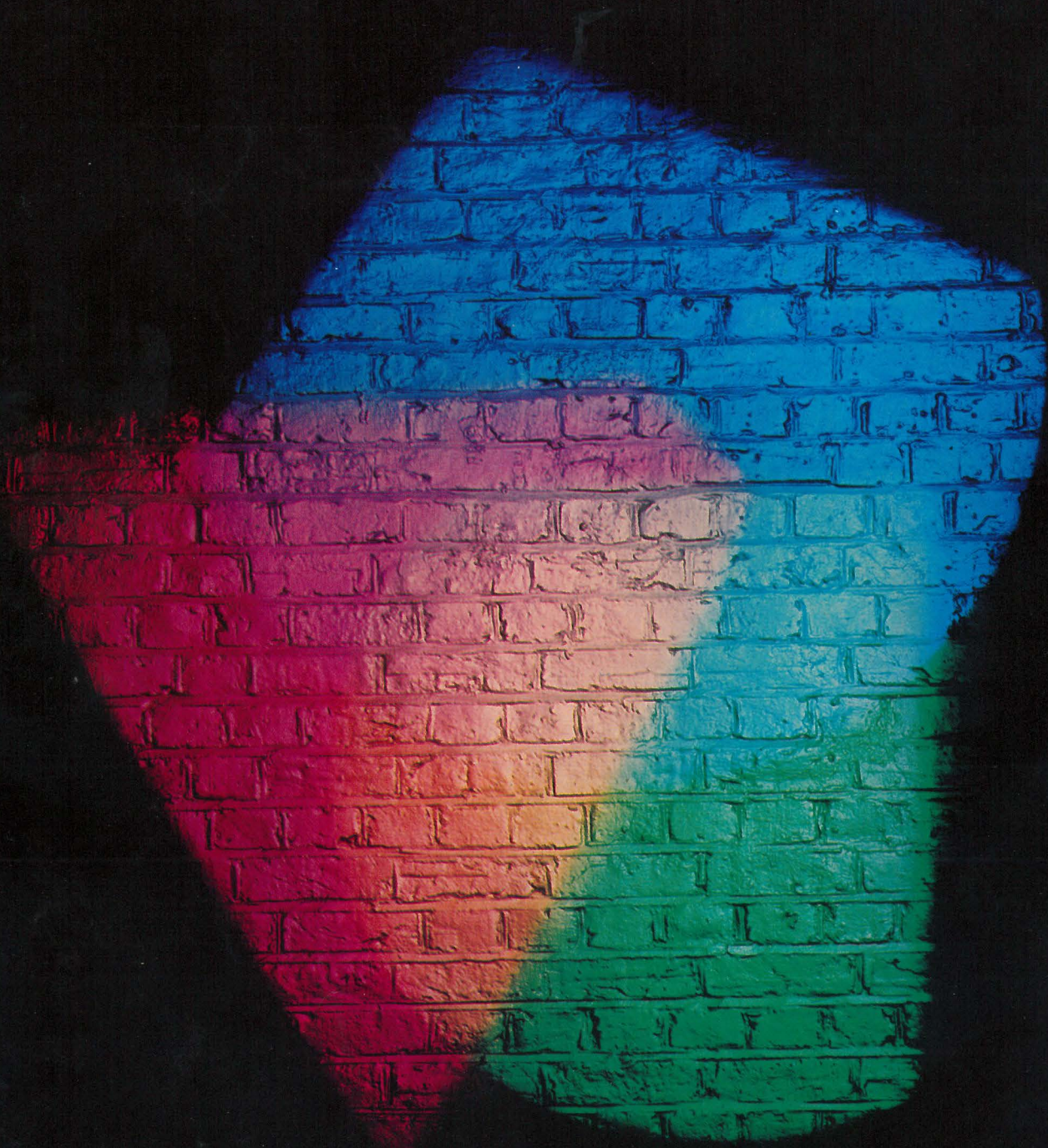
A soft edged shaped beam is obtained with the rear shutters soft-focused. The soft edges from two or more spotlights will merge one with another, without distracting side scatter.



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.



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