

TOCCATA

A BRIGHTER, CLEARER SPOTLIGHT



The New Toccatas 10/26 and 15/38.

The name of Strand's latest addition to its theatre spotlight range - the 2.5kW Toccata™ - has been carefully chosen. Toccata™, from the Italian verb *toccare* (to touch), is a musical term meaning "a composition intended to display the performer's touch". Lighting design is essentially a creative art form, and those that excel are particularly inventive in their use of equipment and its effect. To the uninitiated one paint brush is just like another, but to the painter each one has its own characteristic. Luminaires, like paint brushes, all have their place

and use. Each has its advantage, as well as suitability for a particular task.

Over recent years Strand has introduced a wider range of luminaires than ever before. An example is the Optique, a 1.2kW profile spotlight which includes a spherical reflector and a condenser lens to form near-parallel light rays through the gate. When focused, shutter blades have an unmistakable clarity. Gobos inserted within the gate project more sharply, and have higher contrast. But why stop at 1.2kW? In answer to designers' pleas for a more powerful condenser optic luminaire, the Toccata was born.

SHARPER FOCUS

Toccata is our most powerful tungsten halogen condenser optic luminaire, rated at a full 2.5kW. Toccata, which is based on the successful Alto housing, incorporates a G22 lampholder chosen for both its reliability and the potential to fit either a 2.5kW CP91 or a 2kW CP92, for situations where 2.5kW dimmers are not available.

Toccata is a classic condenser optic luminaire, with a flat even beam ideal for beam "sculpture". Whether it is with the shutters or gobos, the result is sharp and precise. The flatter beam of the condenser optical system is well suited to gobo projection for two reasons: the parallel rays passing through the 'A' size gobo reduce the flare considerably; a flat beam distribution increases the life of the gobo. The integral fan, which is necessary to cool a condenser lens operating at this power level, also significantly reduces the temperature of a glowing gobo; another factor in extending its life.

WHITER LIGHT

Another characteristic which will be appreciated by lighting designers, is that it appears whiter than the beam of a conventional reflector optic luminaire. This is due to the high quality crown glass, and the same specification has been carried from Optique to Toccata. A total of five lenses maintain the optical clarity and reduce chromatic aberration (the blue or red fringing at the edge of the beam due to the index of refraction being different for different colours).

The choice of condenser optics also allow the designer greater beam angle flexibility from a single spotlight. Toccata, like Optique, has only two versions to cover a beam angle range that would normally require three reflector optic luminaires. Toccata 15° to 38° and Toccata 10° to 26° have significant beam angle overlap in the mid range, and a further benefit of the condenser design is the compact length.

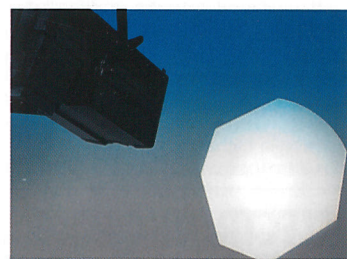
SIX SHUTTER BLADES

In designing Toccata, particular attention was given to providing features that compliment the condenser optical system. A triple-plane gate with six shutter blades is included as standard, to produce a

wider range of shutter cuts, including the elusive triangular shapes as well as polygons and hexagons. The specification of the iri has been increased from the normal 18-leaf to 24-leaf to give a closer approximation to a circle through-out its range of control.

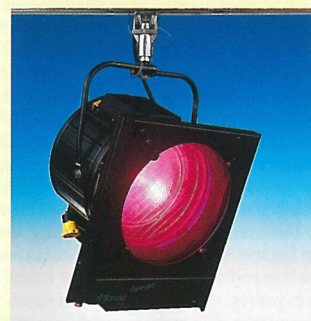
LIGHTWEIGHT

The weight of spotlights has always been a sensitive issue to technicians, and a great effort has been made to ensure Toccatas are the lightest weight in their class. Shape is often as important as weight when regularly lifting and handling product, and the contoured housing of the Toccata makes it easier to manoeuvre. Even the rear handle has been made more comfortable!



Toccata's 6-shutter gate in action.

UPDATE ON COLOURCALL SCROLLER



New ColourCall Scroller

Strand's new ColourCall™ for 2kW to 5kW luminaires is packed with additional features and is available at a competitive price. Replacing the previous unit, the new ColourCall is the larger of the two scrollers in the range.

It is lighter, with a massive reduction in weight to 5.5kg (previously 9.5kg) and it has a simpler, and more convenient method of attaching to most Strand Television and Film luminaires. Also, Pollux Barn-doors now can be easily fitted to the product, without additional accessory plates.

The exclusive Strand gel scroll "easy load" functionality is provided as standard, and the Colour Call will operate with DMX 512 or PALS digital protocols.