



CADENZA

2000 WATT SPOTLIGHTS



Rank Strand



**Cadenza 8°
Profile**

**Cadenza 12/22°
Profile**

CADENZA

... the powerful new 2000 watt range of Profile, Fresnel and Prism-Convex spotlights from Rank Strand, setting totally new standards of optical performance, beam quality, mechanical construction and safety with the maximum of convenience for the lighting technician.

The purpose-tooled Cadenza range, essentially for the large scale professional venue, fully complements the 1000W Harmony, the 650/500W Prelude and the 500W extended Minim ranges – a totally integrated programme enhancing Strand's tradition of quality and value.



Performance

Considerable gains in intensity levels (with integral lens guards) as well as beam quality throughout the range. All Profiles have vernier adjustment for 'peaky' through to 'flat' field adjustment. The Fresnel and Prism Convex models have an exceptionally wide range of spot/flood adjustment (up to 60° ½ peak angle).

Construction and Finish

Extruded and die-cast aluminium to provide rigid strength and optical alignment without excessive weight. Tough and durable stoved black epoxy resin powder coating.

Safety Features

Unequaled; including heat-resisting rear handle and operating controls, sprung-closed safety catches over both colour frame and gate runners, integral 25mm mesh lens guard, anchorage for safety chain on housing, and power connection interlocked with access to drop-down, but captive, lampholder.

Lamps

All Cadenza spotlights are supplied with a Rank Strand 240V or 220V tungsten halogen lamp which provides the optimum balance of high lumen output and 400 hour objective life.

Shutters and Iris Diaphragm

All Cadenza Profiles have an integral 18-leaf iris diaphragm, as well as four beam shaping shutters and horizontal gate runners.



**Cadenza 19/32°
Profile**



**Cadenza
Fresnel**



**Cadenza
Prism Convex**

Focusing

Profile lenses moved by internal rack and pinion drive, but die-cast lens mounts supported independently. Fresnel and Prism Convex have fast cable-drive of extruded lamp and reflector carriage. All Cadenza spotlights can be re-lamped without upsetting focus or beam shaping settings.

Packed and 'ready to go'

The Cadenza range is fully assembled, carton packed and complete with 2000W 240V or 220V Rank Strand branded lamp, and a 1.5m detachable power cable with choice of plugtop. All this, plus a colour frame, included in the unit price.



Cadenza 8
The 8° narrow angle Profile Spot with the necessary punch for really long throws, but without ungainly bulk. Useful working range from 20m to around 33m throw.

Cadenza 12/22
Variable-spread narrow to medium angle Profile Spot with outstanding beam distribution. Ideal for the majority of long-throws from auditorium lighting bridges. Useful working range from 12m to 24m throw.

Cadenza 19/32
Medium to wide variable-spread Profile Spot for high, but relatively close, lighting bridges and for general stage or studio use wherever high intensities are required with accurate control of beam shape and/or pattern gobo projection. Useful working range from 5m to 15m throw.

Cadenza F
The powerful Fresnel Spot with exceptionally wide range of spread with soft, indeterminate edges. Suitable for on-stage or studio use with, or without barndoor attachment. Working range from 4m (flood) to 20m throw.

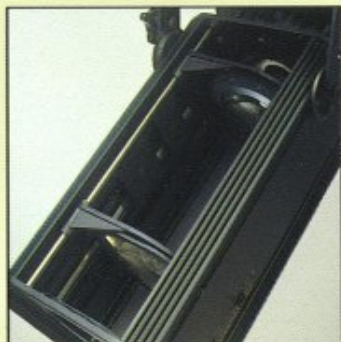
Cadenza PC
The Prism Convex Spot providing diffused, rather than soft, edges to the widely-variable spread beam for tighter lighting than the matching Fresnel. Useful working range, with or without barndoor, from 4m (flood) to 25m, or even longer throw.

- All Cadenza luminaires are supplied complete with:
- Detachable cable with a choice of plugs or open wire-ends.
 - Rank Strand lamp: 2000W 240V or 2000W 220V
 - Colour filter frame.
 - Rear grab handle.
 - Safety chain anchorage point.
 - Integral 25mm mesh lens guard.

Individual data sheets with full performance data and specification available on request.

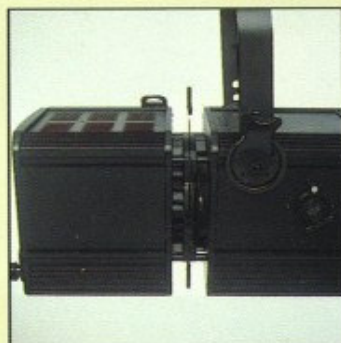
CADENZA IN MORE DETAIL...

All Cadenza spotlights are fitted with a heat-resisting rear handle for ease and comfort when focusing. They all have an anchorage for the attachment of a safety chain direct to the housing. The 1.5m power cable with a moulded high temperature connector plugs in through the rear casting.

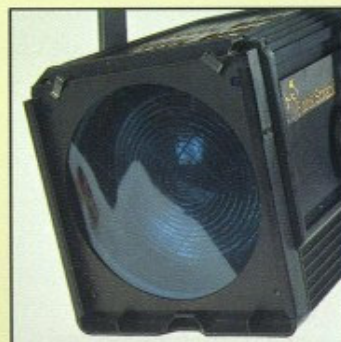
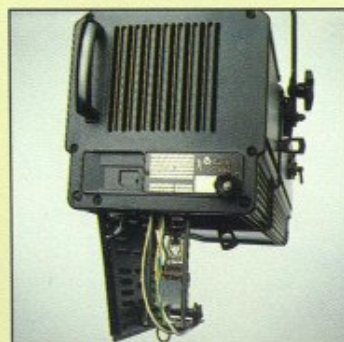


The lenses of the Profile spots are held in diecast mounts which slide smoothly along two internal rods. Each lens is moved by internal rack and pinion gears operated by hinged-toggle rotary controls conveniently accessible near the gate plane.

For safety's sake the power connector is interlocked so that the hinged access panel to the lamphouse cannot be opened until the power cable has been disconnected. The lampholder assembly can then be released and withdrawn downwards on two captive rods to provide easy access for re-lamping without disturbing the focus setting of the Fresnel or PC, or the 'peaky'/'flat' adjustment of the Profile spots.

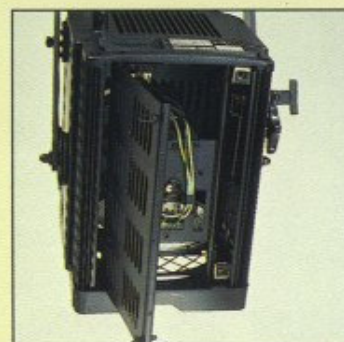


The gate assembly of the Profile spots includes four beam shaping shutters, a side-operated 18-leaf iris diaphragm, and horizontal gate runners with a sprung safety clip. The gate assembly is within louvred castings which allow generous ventilation without light leaks.



Other safety features include an integral 25mm mesh lens guard and a spring safety clip over the colour runner cassette. The front casting is shaped to ensure adequate airflow over both sides of the colour filter and also provides a recess to accept the extra safety screw provided on barndoor and semaphore colour change accessories.

The spot/flood focus of the Fresnel and P.C. is by an internal cable drive operated by a hinged toggle rotary control at the side. The distribution adjustment for the Profile spots is by a fine lead-screw operated by a rotary knob at the rear.



The suspension forks of all Profile spots are adjustable laterally to allow compensation for the additional weight of colour change mechanisms. All forks are provided with an M.12 suspension bolt set and holes at centres to suit DIN Platte. A cranked fork is available as an accessory to suit mounting above a rigid bridge or tower structure.

The Company reserves the right to make any variation in design or construction to the equipment described.



Rank Strand

Rank Strand Limited
PO Box 51 Great West Road,
Brentford, Middlesex TW8 9HR,
United Kingdom
Telephone 01 568 9222 Telex 27976