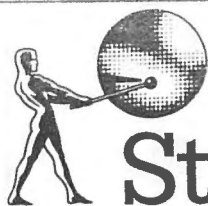


Cadenza EP

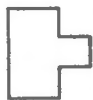
Effects Projector

2000W Halogen



Strand Lighting

22 524 10



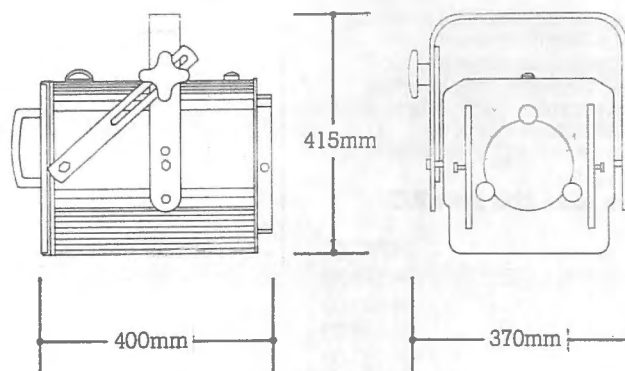
The Cadenza Effects Projector provides the lighting designer with the means of projecting stationary or moving effects onto the acting area or backing of his/her choice, with the flexibility to project standard effects or custom made slides. The projection of a detailed picture – whether from a moving slide or stationary one – requires a more elaborate optical system than for any other stage lighting application.

Strand provide a range of standard moving effects attachments – clouds, waves, flames and so forth – so that the same projector can vary its effect from performance to performance as the production or the mood demands.

This technique is not necessarily used as an economy measure but rather to provide scenic effects unobtainable in any other way; a quick change of locale for instance. Slides can be naturalistic or symbolic; the production and projection of these being a matter for co-operation between the scenery and lighting designers.

Dimensions

Scale 1:10



Item Numbers

Cadenza EP 2kW Effects Projector including RSE/79 2000W lamp and 1.5m power cable (state 240 or 220v, and 15A, Schuko or wire-ended cable).	22 524 10
Additional RSE/79 2000W 240v lamp	34 232 06
Additional RSE/79 2000W 220v lamp	34 232 14
Additional Class CP/43 2000W 240v lamp	34 224 0T
Additional Class CP/43 2000W 220v lamp	34 224 18
Additional 1.5m power cable, 15A 3-pin plug top	35 002 01
Additional 1.5m power cable, moulded-on Schuko	35 001 06
Additional 1.5m power cable, wire-ended	35 000 00

Weight

14.5kg

Carton Size

63 x 48 x 46cm 0.14m³
Packed weight 18.5kg including lamp and power cable.

Environment

45°C max ambient, interior use

Tilt

45° above horizontal to 75° below



Strand Lighting Cadenza EP



Specification

Optical System

A cool, even field of light is collected by a 150mm diameter three-element condenser lens system supplemented by a spherical reflector behind the lamp. A large area of heat-absorbing glass is included in the condenser lens system to avoid the need for forced ventilation.

Condenser Lens Assembly

Three-element, consisting of a 150mm Fresnel lens and two 150mm diameter plano-convex lenses. Assembly includes horizontal slats of heat-absorbing glass covering the whole 150mm diameter. Access to all lens surfaces provided by separate lens mounts die-cast with the necessary spacers.

Runners

Die-cast with anti-rattle clamping screws for 205mm wide backplates.

Housing

Extruded, finned, aluminium sides with gravity die cast aluminium ends joined by machine thread screws to combine extreme robustness and rigidity with minimum weight and maximum heat dissipation. For additional heat dissipation lamp house provided with light baffled ventilation slots. Anchorage provided for safety bond and heat insulated grab handle fitted at rear.

Fork

Aluminium alloy, reversable for hanging or stand use with heat insulated hand wheel for tilt lock. Provided with DIN Platte fixing holes centre hole threaded with M.12 bolt, washer and wingnut for compact suspension and swivel lock. Fitted with clip for power cable retention.

Lampholder

GY16 unequal-pin porcelain body with integral heat sink and wired direct to CEE22 high temperature power connector.

Power Cable

1.5m long, 3 x 1.5mm² conductor toughened silicon rubber cable connected to mating CEE.22 angled power socket. Other end of cable fitted to 15A 3-pin or moulded Schuko plugtop, or open wire-ends (specify).

Internal Access

Screw fastener secured top entry provides access to lampholder assembly for convenient lamp replacement and to reflector and lens for cleaning.

Reflector

150mm diameter spherical reflector of anodised aluminium edge-masked behind support plate.

Finish

High temperature stoved, epoxy powder coated black.

Lamps

2000W GY16 base 70mm l.c.l. with 40mm max. dia. quartz envelope. Supplied with 2000W RSE/79 240v or 220v lamp. Similar, but not identical 2000W Class CP/43 lamps are also suitable.

Effects

The majority of projected moving effects require an effects projector, a moving effects attachment, and an objective lens. Scene projection requires a slide carrier and a turntable front instead of an effects attachment.

Accessories

Turntable front only for slide carrier . . .	24 154 04
Metal slide carrier for two 3¼ x 4in or 3¼in square slide	24 156 05
TV Spigot, M12 stem	26 860 04

Objective Lenses

Commercial quality, slide focusing and with backplate.

6.5cm (2½in) focal length.	24 151 08
10cm (4in) focal length.	24 153 09
15cm (6in) focal length.	24 155 0T
Adjustable metal mask.	24 343 00
Beam divertor mirror for above	24 346 07

Moving Effects Attachment

Disc Type

475mm diameter case, 200/250v 50Hz motor, reversible drive of a 445mm diameter thick glass disc with a continuous photographic transparency, 13cm diameter gate aperture. Fitted with die-cast turntable backplate to allow 360° rotation around optical axis of the Cadenza EP and runners for 175mm wide backplate objective lens.

475mm diameter case 220/240v AC motor drive

Thunder Clouds	24 653 01
Fleecy Clouds	24 134 0T
Storm Clouds	24 135 05
Rain	24 136 00
Snow	24 137 06
Running Water.	24 138 01
Smoke	24 140 05
Flames	24 141 00
Chromosphere	24 667 00
Psychedelic	24 723 04
Chromotrope	24 725 05
Forked Lightning, hand operated . . .	24 148 09

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

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