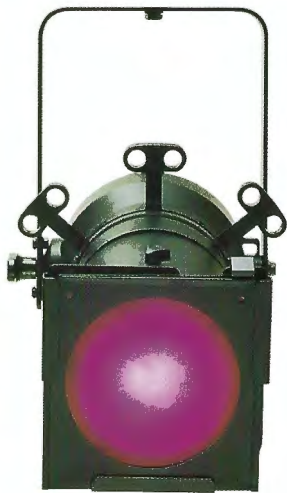


LEIKO®



- New range of five fixed-angle 1000W ellipsoidal spotlights
  - Compact & lightweight die-cast aluminium body
  - Four interchangeable lens tubes 20°, 30°, 40°, 50°
  - Fast rigging and focusing
  - High angularity gate with overlapping shutter blades, each with 100° movement†
  - Simple lamp replacement without disturbing lamp setting†
  - Designed to meet international safety standards
  - Economically priced
- † patent pending



Strand Lighting

## Overview

Leko offers an affordable, purpose designed range of fixed angle profile spotlights, suitable for British and European lighting practice. This new version of Leko covers five beam angles from 15° to 50°, with interchangeable lens tubes for the Leko 20°, 30°, 40° and 50°. Leko is fully rated at 1000W and has been designed for European safety regulations. Simplicity is its main advantage, making Leko fast to rig and focus. The ingenious high angularity gate enables oblique and overlapping shutter angles to be obtained without the additional cost of a fully rotatable gate. Applications include perch and side lighting ladders as well as cramped front of house positions. The soft focus ability of Leko will provide a cost effective gobo wash over stage.

## Gate features

Leko includes an ingenious solution to the problem of setting oblique shutter angles. Until now the only solution has been by means of a rotating gate. Leko has an overlapping shutter design (patent applied for), enabling more design options and giving scope to greater creative freedom. The gate also allows a drop-in iris, rotatable gobo holder, or a gobo rotator to be installed for continuous moving patterns.

## Interchangeable Lens tubes

Four Lekos have interchangeable lens tubes, allowing easy and quick beam angle change, without de-rigging the luminaire. These lens tubes are available as accessories. Particularly important for customers who would like the flexibility without the extra cost of stocking complete luminaires. The lens tubes have been carefully marked with a simple bar coding which is legible from the stage floor. Numerical marking has been placed at the rear of the colour frame holder, to enable lens tubes to be quickly swapped without confusion. This label is legible when focusing from the balcony or when stored nose down.

## Optical system

The Leko optics include an ellipsoidal reflector with an axially mounted 1000W lamp. The efficient collection system gives a high intensity beam, making it ideally suited for front of house and general acting area lighting.

The latest Leko includes smooth lamp adjustment to obtain a flat or peaked (bright centre) field. A failed lamp can be replaced without disturbing the set-up by means of a bayonet-type locking mechanism between the lamp carriage and the luminaire body (patent applied for). This twist and remove action allows the failed lamp to be replaced, whilst the field

setting position is independently locked.

Aligning lamps within the reflector for optimum performance is provided; a cool alignment procedure is achieved using a screwdriver as a joystick (patent applied for), the leverage of which gives a direct action response to the observed movement in the field. Once optimised this can be locked off.

## Mechanical features

The tilt position of the Leko is maintained using a positive lock-off system including an expanding disk spring and cup - an important feature with the growing use of colour scrollers which increase the load on the lens tube.

The colour frame retaining clip, necessary for European safety regulations, has been designed for one handed operation. The Leko accessories are provided with self retention. The rear handle now contains an accessible termination area for the 180°C silicon rubber cable. The rear lamp house casting hinges open for easy reflector cleaning, and gate maintenance.

## Concise specification

### Performance

| Peak Intensity   | 5m   |     | 10m  |     | 15m |      | 18m |      | 21m |      |
|------------------|------|-----|------|-----|-----|------|-----|------|-----|------|
|                  | Lux  | dia | Lux  | dia | Lux | dia  | Lux | dia  | Lux | dia  |
| Fitted with CP77 |      |     |      |     |     |      |     |      |     |      |
| Leko 15°         | 6840 | 1.3 | 1710 | 2.6 | 760 | 3.9  | 527 | 4.7  | 388 | 5.5  |
| Leko 20°         | 4280 | 1.8 | 1070 | 3.5 | 475 | 5.3  | 330 | 6.3  | 265 | 7.4  |
| Leko 30°         | 3484 | 2.7 | 871  | 5.4 | 387 | 8.0  | 268 | 9.6  | 197 | 11.3 |
| Leko 40°         | 2608 | 3.6 | 652  | 7.3 | 290 | 10.9 | 201 | 13.1 | -   | -    |
| Leko 50°         | 1448 | 4.7 | 362  | 9.3 | 160 | 14.0 | -   | -    | -   | -    |

### Ordering Information

| Catalogue |   | Accessories |                                      |
|-----------|---|-------------|--------------------------------------|
| No        | Description                                   | No          | Description                          |
| 12314     | Leko 15°, 240 volt 1kW CP77 lamp, 15A Plug    | 18102       | Leko 18 leaf Iris                    |
| 12313     | Leko 15°, 230 volt 1kW CP77 lamp, Schuko Plug | 18101       | Leko Rotatable gobo holder, size "B" |
| 12324     | Leko 20°, 240 volt 1kW CP77 lamp, 15A Plug    | 18105       | Additional Colour frame              |
| 12323     | Leko 20°, 230 volt 1kW CP77 lamp, Schuko Plug | 18120       | Leko 20° Lens Tube                   |
| 12334     | Leko 30°, 240 volt 1kW CP77 lamp, 15A Plug    | 18130       | Leko 30° Lens Tube                   |
| 12333     | Leko 30°, 230 volt 1kW CP77 lamp, Schuko Plug | 18140       | Leko 40° Lens Tube                   |
| 12344     | Leko 40°, 240 volt 1kW CP77 lamp, 15A Plug    | 18150       | Leko 50° Lens Tube                   |
| 12343     | Leko 40°, 230 volt 1kW CP77 lamp, Schuko Plug | 43774       | CP77 lamp, 1kW, 240V                 |
| 12354     | Leko 50°, 240 volt 1kW CP77 lamp, 15A Plug    | 43773       | CP77 lamp, 1kW, 230V                 |
| 12353     | Leko 50°, 230 volt 1kW CP77 lamp, Schuko Plug |             |                                      |

### Dimensions

|                   | Leko 15° | Leko 20°, 30°, 40° 50° |
|-------------------|----------|------------------------|
| Weight            | 7.8kg    | 6.0kg                  |
| Length            | 680mm    | 545mm                  |
| Width             | 300mm    | 300mm                  |
| Height (inc Yoke) | 415mm    | 415mm                  |
| Packed Weight     | 8.6kg    | 6.8kg                  |
| Packed length     | 305mm    | 305mm                  |
| Packed Width      | 300mm    | 300mm                  |
| Packed Height     | 800mm    | 690mm                  |

Your local dealer is:



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