

# KEYLIGHTING

North Brook Works, Alkincote Street, Keighley, BD21 5JT Tel: 01535 616 300 Fax: 01535 616 301  
Email: sales@keylighting.co.uk Web: www.keylighting.co.uk



## General

Designed for the commercial & semi decorative applications. They have a wide range of compact fluorescent lamps. Having a stylish slim appearance allowing it to have wide variety of uses. The KL425 range is semi recessable reducing the profile to only 50mm.

## Construction

The diffusers are injection moulded in flame retardant polycarbonate. With a spun steel base which can be finished in chrome or brass plate or by powder coating a number of colours. The diffusers clip in to the body & are retained with four clips allowing them to be used on walls or ceilings. Most versions have integral emergency available. All control gear is mounted on removable gear trays (except some PLL versions) for ease of installation & maintenance. All the gear & wiring is on the underside of the gear tray to prolong component life & improve appearance. IP 20

## Assembly / Installation

The luminaires are supplied with a common body, gear tray & lamp. As the gear tray has to be removed for installation this is supplied separately to ensure no damage occurs prior to installation. The body can be mounted via the BESA box fixing, centrally placed or three alternative fixings with stand offs. It is important to maintain the air gap at the back of the fitting as this keeps the control gear at the correct operating temperature.

The diffuser is removed, with preferably, a blunt hooked device pulling the diffuser towards you. Being polycarbonate it is virtually impossible to break. Physically fix the luminaire body to the ceiling or wall wire the incoming flex ion to the terminal block on the gear tray this can be then fixed to the body by the keyhole slots & the screws tightened. Insert the lamp or lamps in to the lamp holder & replace the diffuser. The KL425 semi recessable range can be surface or semi recessed & requires a cut out of 370mm. A pair of side arm suspension brackets are required for installation.

## Packing

All units are individually boxed,

|             |                 |
|-------------|-----------------|
| Body        |                 |
| KL325       | 330 x 330 x 100 |
| KL420 & 425 | 450 x 450 x 70  |
| KL525       | 540 x 540 x 100 |

## Range

| Part Number | Wattage & Control Gear Options Available |                        |             |
|-------------|--|------------------------|-------------|
|             | 2D                                       | T5                     | PLL         |
| KL325*      | 16 & 28                                  | None                   | None        |
| KL420       | 28 & 38                                  | 1x40, 1x40+ 1x22, 1x55 | None        |
| KL425       | 28 & 38                                  | None                   | None        |
| KL525       | 28 & 38                                  | 1x40, 1x40+ 1x22, 1x55 | 2x24 & 3x24 |

\* no emergency options available  
 All other sizes & wattages available with integral emergency

## Lamp & Electrical Data

| Lamp Type      | Lumens Per  |         | Total Watts |           |
|----------------|-------------|---------|-------------|-----------|
|                | Lamp        | Fitting | S/Start     | High Freq |
| 16 w 2D        | 1050        | 1050    | 21.2        | 17.0      |
| 28 w 2D        | 2050        | 2050    | 36.7        | 28.7      |
| 38 w 2D        | 2850        | 2850    | 36.0        | 39.7      |
| 40 w T5        | 3300        | 3300    | N/a         | 43.5      |
| 40 w + 22 w T5 | 3300 + 1800 | 5100    | N/a         | 71.0      |
| 55 w T5        | 4400        | 4400    | N/a         | 60.0      |
| 2 x PLL24      | 1800        | 3600    | 65.5        | 57.0      |
| 3 x PLL24      | 1800        | 5400    | 98.3        | 77.0      |