

# KEYLIGHTING

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## General

Our FLRG range of recessed fluorescent luminaires is suitable for T grid ceilings. Available for PLL lamps only, with either high frequency or high frequency dimming control gear. All versions have integral emergency options that run 1 lamp for 3 hours at approximately 10% of the normal light output.

## Construction

The body is made from 0.8 mm zinc plated steel which is CNC punched, folded & rolled to create an accurate body to ensure accurate light distribution. The steel body is degreased & iron phosphate treated prior to painting with epoxy polyester powder paint in RAL9003 70% gloss.

## Assembly

The components are all mounted within a removable gear tray located on the back of the fitting. This allows easy access for installation & maintenance. The emergency control gear is housed in a separate box saddled on the back of the luminaire. All components are directly attached in to the box either by clips, rivets or nut & bolts. All units are 100% tested prior to packing & shipping.

## Dimensions

The FLRG66 is 595 x 595 x 240mm The exposed depth is 90mm, the overall depth is 240mm

## Packing

All luminaires are individually boxed with louvers & attachments in the same carton measuring 600x600x100

## Installation

All the FLRG range are designed to fit T ceilings & sit on the bottom of the T bar (T grid ceilings either 15 or 25 mm).

### Additional Extras Available

- AH Air handling, suitable for air return of 25 litres per second in air-conditioned offices.
- EM Integral emergency on one lamp to maintain the lamp at approximately 10% of its normal output for 3 hours
- EM-ST Self testing emergency system that monitors the condition of batteries, lamp & supply. Automatically tests the lamps in accordance with regulations.
- HFD This special control gear designed to allow the lamps to be dimmed in various ways. Can be controlled by ambient light level presence of people, or with an IR hand held device. These systems can be linked to computers for total lighting control in a building.

### Lamp & Electrical Data

RANGE	TUBES & WATTAGES	LUMENS		WATTS	DIMENSIONS		
		PER LAMP	TOTAL	HIGH FREQ			
661 x 55 PLL	1 x 55 WATT PLL	4800	4800	60	595	595	240
662 x 55 PLL	2 x 55 WATT PLL	4800	9600	120	595	595	240
661 x 40 PLL	1 x 40 WATT PLL	3500	7000	47	595	595	240
662 x 40 PLL	2 x 40 WATT PLL	3500	7000	92	595	595	240

### Components

RANGE	HIGH FREQ PHILIPS	HIGH FREQ TRIDONIC	ANALOGUE DIMMING PHILIPS	DIGITAL DIMMING TRIDONIC
661 x 55PLL	HFB158TLD E11	PC PRO 55 FSD	HRF155PLL	PCA1/55 TCL ECO
662 x 55PLL	HFB258TLD E11	PC2/55 TCL PRO	HFR255PLL	PCA2/55 TCL ECO
661 x 40PLL	HFP140PLL	PC PRO 50 FSD	HFR140PLL	PCA1/40 TCL ECO
662 x 40PLL	HFP240PLL	PC2/40 TCL PRO	HFR240PLL	PCA2/40 TCL ECO

