

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

Our TL5R range of recessed fluorescent luminaires is suitable for T grid, concealed grid & plasterboard ceiling types. Available for T5 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. Two versions are made of this product the standard recessed T5 fitting with LBX or Cat 2 louvre & perforated flat panels. The second version has dropped side pods & an internal channel to direct light on to the ceiling as well as downward. This product is only available with 65° cut off wedge blade CAT2 louvre. The side pods incorporate perforations with a rear diffuser & the side light uses a 'Hair Cell' semi diffuse panel to attain maximum light output but obscure the internal parts of the fitting.

Construction

The body is made from 0.8 mm zinc plated steel which is CNC punched & folded to create an accurate body for ease of location into ceilings. The steel body is degreased & iron phosphate treated prior to post painting with epoxy polyester powder paint in RAL9003, 70% gloss.

Assembly

All components are directly attached to the chassis either by clips, rivets or nut & bolts . All units are 100% tested prior to packing & shipping.

Aluminium Louvres

TL5R Standard recessed T5
CT2 Wedge blade category 2, 65° cut off for office environments.
LBX Flat blade Low brightness for broad spread applications I.e. retail.

TL5R-RFP

CT2 Wedge blade category 2, 65° cut off for office environments
Complete with side pods allowing light on to the ceiling via perforated & diffused panels.

Dimensions

TL5R3/4x14 C2 595 x 595 x 70mm
TL5R3/4X14 C2 RFP 595 x 595 x 105mm (70 mm recessed depth)

Packing

All luminaires are individually boxed with louvers & attachments in the same carton.
600 x 600 modules are packed 1 per box measuring 600x600x100

Installation

The TL5R range is designed to fit into most ceiling types & either sit on the bottom of the T bar (T grid ceilings either 15 or 25 mm) or be pulled up into the ceiling. For plasterboard & concealed grid types they require side arm suspension brackets available at extra cost. All accessories are located onto the fittings via shoot bolts.

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	DIMENSIONS			TUBES & WATTAGE	LUMENS		WATTS HIGH FREQ
					PER LAMP	TOTAL	
TL5R-3x14	595	595	70	3 x 14 WATT T5	1200	3600	48.1
TL5R-4x14	595	595	70	4 x 14 WATT T5	1200	4800	65.2
TL5R-3x14-RFP	595	595	105	3 x 14 WATT T5	1200	3600	48.1
TL5R-4x14-RFP	595	295	105	4 x 14 WATT T5	1200	4800	65.2

Components

RANGE	HIGH FREQ PHILIPS	HIGH FREQ TRIDONIC	ANALOGUE DIMMING PHILIPS	DIGITAL DIMMING TRIDONIC	EMERGENCY INVERTER TRIDONIC	BATTERY
TL5R 3x14	HFP3/414TL5	PC3/14 T5 PRO	HFR3/414TL5	PCA3/14 T5 ECO HE	EM33A	3 CELL
TL5R 4x14	HFP3/414TL5	PC4/14 T5 PRO	HFR3/414TL5	PCA4/14 T5 ECO HE	EM33A	3 CELL

ALL LAMP HOLDERS ARE MANUFACTURED BY BJB GmbH – PART NUMBER 26-641-2003-50

