



**FRATER**

## **FRR 418/4**

**Regular with single parabolic specular louvre with serrated cross blades & 4 Ballast**

### **Modular Recessed Fluorescent Luminaire with 4 nos. Electromagnetic ballast**

#### **TECHNICAL DATA**

##### **Description:**

**Frater** fluorescent luminaires for installation in metric modular false ceiling with exposed-T grids. Suitable for 4 nos. 18W/T8 fluorescent lamps operated by 4 nos. Electromagnetic ballast.

##### **Application:**

Suitable for general lighting applications in indoor areas like offices, computer rooms, schools, hospitals and commercial areas like shops etc.

##### **Features:**

Modular construction  
Conforms EN 60598  
Easy to install & maintain  
Switch start circuit  
Internal wiring with heat resistant (105°C) single strand copper wire.

##### **Optical attachments:**

Polished, reflective aluminium mirrors and serrated cross blades.

##### **Options :**

HPF capacitors, Electronic starters, HF circuits, RFI capacitors, Emergency pack for 3 hrs duration, other voltages and freq.

##### **Material & Finish :**

**Housing:** CRCA sheet steel powder coated white, both inside and outside.

**Louvres :** High purity reflective aluminium sheets parabolic formed V blades and serrated cross blades. The louvre system can be hinged by anticorrosive wishbone springs.

**Ballast :** **Frater** ballast, Low energy loss, noiseless operation, low operating temperatures, minimum temperature rise. Each of the four 18 W/20W lamps are operated by independent ballast. In the event of failure of one lamp the other 3 lamps will continue to operate as they are controlled by independent Ballast. Moreover failure in the control gear would affect only one lamp.

**Lamp & Starter holders :** Flame-retardant high quality plastic.

**Wiring :** PVC insulated single strand heat resistant wire.

##### **Dimensional Data :**

Type	Lamp rating	Dimensions (mm)		
		L	W	H
FRR 418	4x18W/20W	596	596	98

(Data subject to change without notice)

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