



## **IS 371:1999 Ceiling Rose**

A **ceiling rose** is a decorative element affixed to the ceiling from which a **chandelier** or **light fitting** is often **suspended**. The '**rose**' is part of a decorative element that encases the **cable** and its **light fitting support**. **Electrical** ceiling roses are basically just a component to any **ceiling light** that covers up unsightly **wires** and **raw cut holes in plaster**. They are usually **attached** to the ceiling using **adhesive and screws**.

A good ceiling rose should protect the consumer from any possible **electric shocks** and when properly assembled, **correctly wired** and fitted with **flexible cord and cover**, the **live parts** should **not be accessible**. It should be of **robust construction** and shall be so designed and that, when installed and used as in normal use, **the temperature rise of current carrying parts** is not excessive. It should possess **adequate mechanical strength** to withstand the **stresses** imposed during installation and use. It is also expected that a **good and safe** ceiling rose should be **resistant to heat**.

The Indian standard **IS 371:1999** covers ceiling roses of **surface and semi-recessed types** for use with simple or **multiple pendant lighting fitting** and for the use in circuits in which the nominal voltage does not **exceed 250V**. This standard effectively addresses **consumer expectations** through various **performance requirements**. The standard ensures the **safety** of its **user** through tests like **accessibility of live parts, provision of earthing and insulation resistance test**. Also, the **performance and quality** of this product is assessed through tests like **mechanical strength test, flash test, temperature rise test, resistance to heat, fire and tracking** along with various other tests.

Ensuring compliance to the **Indian Standard IS 371:1999**, manufacturers can produce ceiling roses that not only meet **technical specifications** but also ensure **consumer safety** as well as **satisfaction** in terms of **quality and durability**.