

9. **Circulation spaces** i.e., corridors and staircases, attribute to **26% of the area while consuming minimal energy**. Circulation spaces are also naturally ventilated with a parapet wall.

3.1.2 Lighting Energy Consumption

3.1.2.1 Artificial lighting

Artificial lighting contributes to **24% of the total consumption** in Jhunjhunwala College – mainly due to the longer duration of usage (due to working in 3 shifts). The types of lamps used in the campus are shown in Fig. 5. The number and wattage of lamps used is shown in Table 7.

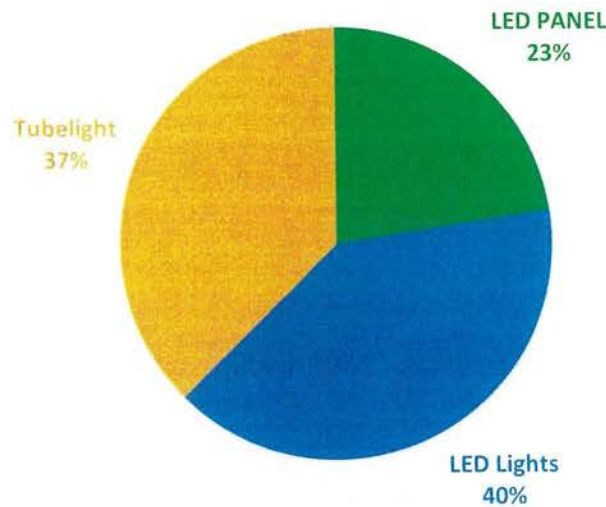


Figure 5: Types of lights and their wattage

S. No.	Lamp Type	Approximate wattage per lamp (W)	Numbers	Total Consumption (kWh)
1.	LED Panel	24	362	14829.6
2.	LED Lights	24	528	26218.8
3.	Tube light	40	332	24556

Table 7: Number and kWh distribution of all Lights

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