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Energy efficiency measures - Commercial - Lights - Compact fluorescent light

Template assignment

Base case

- Retail space - illumination level: 600 Lux
- 30 incandescent lamps - 100 W
- Operating 12 hours per day

Proposed case

- Reduce illumination level to 500 Lux
- Replace with screw-in compact fluorescent lamps - 25 W
- Incremental cost for replacement: \$260

Other opportunity

- Modify lighting pattern and reduce illumination level to 450 Lux, half of remaining fixtures needs to be moved at \$200/fixture

Solution

The worked-out solution is the data file selected from within the [RETScreen Project Database](#). The user automatically downloads the Project Database file while downloading the RETScreen software.

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