

Fluorescent-free

With more than 800 000 m² of floor space in stores, PEP accounts for almost 50% of the group's store footprint. Electricity is the highest direct emissions contributor of this business and the group.

Phase one of a three-year LED roll-back project has been completed whereby all lighting in 573 PEP stores was replaced with LED technology. Once the project reaches completion in 2021, all PEP stores (± 2 500) will use LED technology.

Implementation of the project is done on a planned roll-out, while all new and refurbished stores are opened with the LED lighting.

The LED lamp was specifically developed to fit PEP's requirements, producing more light output at 60% of power consumption. Furthermore, the direct-drive LED solution greatly reduces maintenance costs as there are fewer components and points of failure.

The new LED lighting increased light levels in-store, adding to the shopping experience without compromising the aesthetic value of the store.



Picture top: PEP, Durbanville. Picture above: PEP, Liberty Promenade.

INPUTS → OUTPUTS →

- Operational efficiency
- Resource management
- Responsible sourcing

- Cost saving
- Energy saving
- Unchanged shopping environment and customer experience

R30 million
ESTIMATED COST SAVING PER YEAR ONCE THE PROJECT IS COMPLETE

34% (16 718 345 kWh)
ESTIMATED SAVING ON ELECTRICITY DEMAND PER YEAR

121 084
LIGHTS WERE CHANGED DURING PHASE ONE