



Vancouver, Canada

CASE STUDY

FORTIS TOWER – FLOORS 15 & 16

Radiance Energy delivered a tailored LED lighting upgrade across two office floors at Fortis Tower, supporting both active tenant use and future leasing objectives. The project combined energy efficiency, architectural integration, and coordinated multi-trade execution to deliver a clean, modern lighting environment aligned with the building's long-term asset strategy.



SAVINGS SUMMARY

- 55% reduction in lighting energy use
- 29,091 kWh annual energy savings

PROJECT SUMMARY

- ▲ Delivered a custom-integrated LED lighting upgrade aligned with the building's layout and mechanical systems
- ▲ Replaced 64W fluorescent fixtures with 29W Fluxwerx LED fixtures (347V, 3500K) featuring 0-10V dimming
- ▲ Supplied custom fixtures and coordinated HVAC diffusers for seamless ceiling integration
- ▲ Executed a turnkey scope including electrical, HVAC, ceiling tile, and T-bar work
- ▲ Upgraded Floor 15 (occupied office space) to improve lighting quality and working conditions for existing tenants
- ▲ Upgraded Floor 16 as part of a renovation and demonstration scope to support leasing efforts
- ▲ All fixtures include a 5-year manufacturer warranty for long-term performance and reduced maintenance

"The new lighting fixtures look great. They illuminate the floor much better than the original ones."

Henry Almeida, Chief Engineer