


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

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