

Lighting Services >>

achieving operational **EXCELLENCE**

Lighting Maintenance

From the first time you turn on a lamp, it begins to lose light. The accumulation of dust, dirt and debris on lamps, lenses and reflective surfaces lower light levels even further. Regularly scheduled maintenance and re-lamping programs keep your lighting system operating at its most efficient level while managing energy costs.

MacDonald-Miller provides tailored lighting and electrical services with regularly scheduled site inspections—handled by our dedicated Lighting Maintenance Techs.

THE ADVANTAGES OF A LIGHTING MAINTENANCE AGREEMENT

- Regularly planned and scheduled service intervals
- An assigned Technician familiar with your building and its occupants
- Maintenance costs that can be part of your planned budget
- Optimal light levels at all times
- Low impact on employees and customers
- Maintenance work can be scheduled to eliminate disruptions
- Consistency in lamp types and colors
- Fixture and lamp life extended by regular cleaning of dirt and debris
- Cracked lens and broken lam holders replaced as needed
- Electrical malfunctions or safety hazards are detected and addressed
- Any replaced lamps or ballast are covered with a 3-year warranty
- Malfunctioning lamps and ballast are properly recycled or dispatched

Lighting Conservation

With over 2,000 lighting conservation projects successfully completed, MacDonald-Miller is recognized as the most proficient and experienced group in the Pacific Northwest. Our modernization projects are designed to achieve four major goals:

REDUCE YOUR MONTHLY BILLS

- Major reduction in kW and kWh
- Verifiable energy savings

REDUCE ANNUAL MAINTENANCE COSTS

- Average life of lamps doubled
- Fewer lamp types to maintain
- Fewer ballasts to service
- Lamp warranty of three years
- Ballast warranty of five years

IMPROVE OVERALL LIGHTING

- Higher color index lamps for better visibility
- Electronic ballasts for noise and heat reduction
- Fixtures cleaned for increased light output
- Fixtures fixed or upgraded with new components

ACCESS UTILITY INCENTIVES

- Estimated 50% of installed cost reimbursed
- Review and approval of installation costs
- Verification of design, installation and completion



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