“We used to spend up to 16 hours each month changing this garage’s bulbs and ballasts on the HPS fixtures. Now it may be 10 years before we have to do anything to these Kenall TekDek lights.”

— Ken Landrus  
SIA facility maintenance supervisor

Project Summary

Challenge: Reduce maintenance time and expenses in the airport parking garage.
Solution: TekDek LED luminaires were deemed superior in photometrics and performance as a result of a rigorous two year evaluation process.
Benefit: Eight-year payback; $45,000 utilities rebate; and an anticipated $20,000 dollars in annual energy savings.
TekDek’s™ Intelligent Design and Durability Delivers Impressive Results
Spokane International Airport, Spokane, WA

The project involved a one-for-one replacement of high pressure sodium (HPS) fixtures with TekDek LED luminaires in the 33-year old, five-floor parking garage.

TekDek provides:
• unprecedented glare reduction
• fixture efficacy 100 lumens per watt
• LED lifetime (L70) up to 150,000 hours per LED engine
• zonal dimming for up to 77% energy savings
• cutting-edge thermal management with patent-pending heat-sink technology

Landrus and the Airport Board are pleased with impressive results:
• an eight year payback
• a $45,000 rebate from Avista Utilities
• anticipated annual energy savings of $20,000 with the LED luminaires

“Reducing maintenance time and expense was a driving force for this project.”
— Ken Landrus,
SIA facility maintenance supervisor

The first phase included running conduit, wiring and a control system to prepare the parking garage for Phase II of installing the new lights. In a one-for-one replacement, 150W high pressure sodium (HPS) fixtures were retrofit with 80-watt TekDek LED luminaires.

For more information, please visit us on the web at www.kenall.com