

Project Highlights

The Numbers

- Lighting kWh Reduction: 85,000 (62%)
- Light Level Improvement: 2.0 – 2.5 X
- First Year Savings: \$25,000
- Utility Incentive: \$7,270

General Manager Tom Schellenberg spearheaded the project and commented:

“Back in early 2015 we considered upgrading the exterior site lighting to LED but other priorities put that on hold. We reached out to TradeForce again in early 2016 and they presented their ideas for fixture options and a business case for the entire facility that were reviewed by our team. The project outcomes have been great and the TradeForce team was very responsive when it came to making final modifications and adjustments”

REDBIRD STRIP KIT COMPONENTS



Based on one of the great golf courses in Ontario, Deer Ridge is more than just a golf facility. This Thomas McBroom-designed course that runs into the stunning Grand River Valley has an incredible practice facility and course that is ranked in the Top 100 in Canada by SCOREGolf. It also offers a clubhouse with an unparalleled view, perfect for that family anniversary or company retreat and an unforgettable setting for the wedding of a lifetime.

The key objectives of this LED retrofit were to save on electricity and maintenance costs and improve lighting quality throughout the facility interior and exterior.

The bulk of the interior involved the replacement or retrofit of T8 fluorescent grid ceiling fixtures and cove lighting. The 2x2 LED panels shown below are manufactured by CONX Corp of Mississauga ON. The kitchen area fixtures and cove lighting were retrofitted using a unique “light bar” kit from RedBird LED of Atlanta Georgia. The modular, dimmable design of the RedBird solution coupled with 150 lumens per watt efficacy enabled optimization of power consumption and illumination levels in the various areas.

The energy consumption reduction achieved across the entire interior and exterior of the facility was just over 60% resulting in an annual savings of electricity and maintenance costs of approximately \$25,000.

That’s about 500 additional tee times each year for the average course in Ontario!

VIVIX
LTL Panel Lights
3x6 Module - 15 year L70

ORDERING INFORMATION
CNX-LTL - P1 - 40 - 035 - M - XXX - WHT

CONX CORP LED PANEL LIGHT
INPUT VOLTAGE: P1 - 120-277VAC, P2 - 240-480V
WASTAGE: 035 - 30 WATT/L
CONTROL: XXX - NO CONTROL
COLOR TEMPERATURE: 40 - 4000 K, 50 - 5000 K
LUMINAIRE TYPE: M - 1 MODULE
FITURE COLOR: GRAY - GRAY, BLK - BLACK, SILV - SILVER, WHT - WHITE, BRZ - BRONZE, Green - Green

PRODUCT SPECIFICATIONS

Luminous Efficacy (lm/w)	150
Luminous Flux (lm)	4200
LED Driver (lm/w)	70
LED Driver Control (lm/w)	100
Operating Voltage (VAC)	120 - 277 (0.0/0.0/0.0) - 240 - 480 (0.0/0.0/0.0)
Power Factor (PF)	> 0.99
Operating Temperature Range	-40° to +140°F
Weight (lbs)	1.3



CONX ViVix PANEL SPECIFICATIONS