

## Sports Arena — Indian Trail, North Carolina

Carolina Courts is a modern two-sport athletic complex just southeast of Charlotte, N.C., that provides a positive, energetic environment for athletes of all ages to learn the games of basketball and/or volleyball through healthy competition, excellent instruction, and experienced coaching that focuses on the building of self-confidence and self-esteem. Carolina Courts also aims to provide nationally recognized programs, camps, clinics and speakers tailored for the development of youth and adult athletes and general fitness, in a first-class facility.

### Annual Savings\*\*

Cost Savings	\$17,000
Energy Savings	241,000 kWh

### Environmental Impacts\*

CO <sub>2</sub> Reduction	158 tons/year
SO <sub>2</sub> Reduction	0.63 tons/year
NO <sub>x</sub> Reduction	0.23 tons/year
Mercury Reduction	0.01 pounds/year

### Environmental Equivalents\*

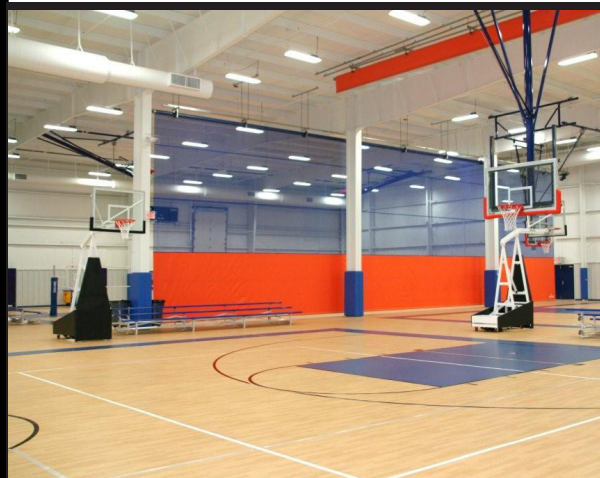
- Planting 44 acres of trees
- Removing 39 cars from the road
- Saving 19,895 gallons of gasoline annually
- Reducing oil demand by 474 barrels annually

*“Right from the get-go we knew fluorescent lighting was the best way to go because it was the brightest, most natural light we could get. And, using half the power of the usual high-intensity discharge (HID) system, high-intensity fluorescent (HIF) is economical and green.”*

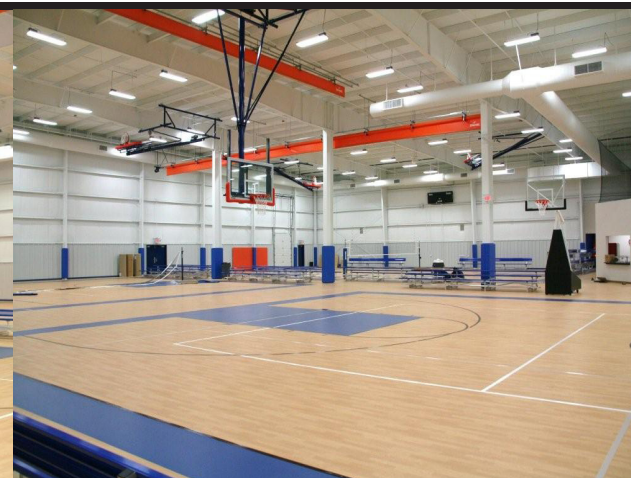
### Scott Chitwood

Executive Vice President and Director of Operations

\*\*This was a new construction project, therefore the energy and cost savings have been estimated based on the variance between typical HID energy consumption and HIF energy consumption.



After



After

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\*Environmental impacts and equivalents calculated using state emission factors per the EPA's eGrid database. Light years ahead and Orion are trademarks/service marks of Orion Energy Systems Inc. Copyright© 2009 Orion Energy Systems Inc. All rights reserved. rev.3.11.09