



ILLUMINATING SUCCESS

The Advantages of **INDIRECT LIGHTING** in Indoor Sports Facilities



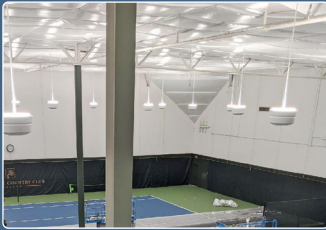
DISC LED University Lighting CONTENTS



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7 Basketball, Volleyball, Pickleball



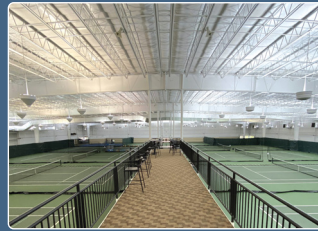
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TOP-NOTCH FIXTURES
Our DISC LEDs are LEDs produce 100 to 130 *foot-candles and offer brightest light, longest lifespan, the industry's best warranty, and significant energy savings.



SIGNIFICANT ENERGY SAVINGS
Our DISC LED replaces 1000-watt HIDs, delivering twice the light, saving you thousands on your energy cost.



BLUETOOTH NETWORK LIGHTING CONTROLS
Take control of your energy consumption with our Bluetooth Network Lighting Controls, effortlessly managing your lighting for additional savings.



PERFECT FOR ALL SPORTS OR MANUFACTURING FACILITIES
Our DISC LEDs eliminate distractions from glaring light, allowing athletes to focus on their game while enhancing safety with fewer shadows in the workplace.



INDIRECT AND DIRECT MOUNTING
Our DISC LEDs offer indirect or direct light in several mounting applications. Contact us to provide you with the perfect fit for your lighting needs.

COMPLIANT WITH



BRIGHTEST LIGHT | LONGEST LIFESPAN | INDUSTRY'S BEST WARRANTY | SIGNIFICANT ENERGY SAVINGS

 BEST Lights are made in Michigan

FOR MORE INFORMATION
Call 800.545.2928, visit bestlights.com or email gyurich@bestlights.com

Why Indirect LED Lighting? The reasons why indirect LED lighting is superior for indoor sports.

Why choose indirect lighting to illuminate spaces for indoor tennis, pickleball, gyms, volleyball, basketball, soccer, fieldhouse, aquatics and many other indoor sports?

Parameters

First, you must have a clean white ceiling (16 feet to 100 feet tall) to use indirect LED lighting efficiently because it reflects the light back down to the floor. If the ceiling is not white you can consider painting or installing a reflective White Fiberglass Insulation System.

Indirect LED lighting is more expensive than direct but the benefits far outweigh the cost.

Benefits

Indirect LED lighting provides perfectly even light throughout the facility.

Because light is being reflected off a large surface it's evenly distributed over the entire playing surface.

Direct light is focused straight down and between fixtures, leaving dark areas on the ground which presents potential hazards. Indirect LED lighting is a non-glare light making it the ultimate type for any indoor sport. The light will not interfere with the players ability to see the ball or play the game. With indirect lighting, you don't see the glare nor reflection on the floor or water when looking down.

Direct light is very distracting.

You can lose the ball in the light when looking up. The glare on the floor is distracting when looking down. For aquatics areas, the glare from direct lights can be dangerous as it reflects off the water's surface and can prevent you from seeing the bottom of the pool.

Indirect LED lighting is aesthetically pleasing to players and spectators.

Visibility is improved by having an evenly lit facility and eliminating glare. Safety is increased as the reflection from direct lighting causes accidents. Most players prefer indirect lighting over direct.

Gary Yurich, the president and owner of Best Lights, has been manufacturing lights out of Troy, Michigan, for 30 years. He's an avid fly fisherman, family man, businessman and holds seven U.S. patents for indirect lighting.

Gary can be contacted by emailing — gyurich@bestlights.com or by calling **800-545-2928**



Indoor Tennis Application

Best Lights DISC LED

BENT TREE COUNTRY CLUB

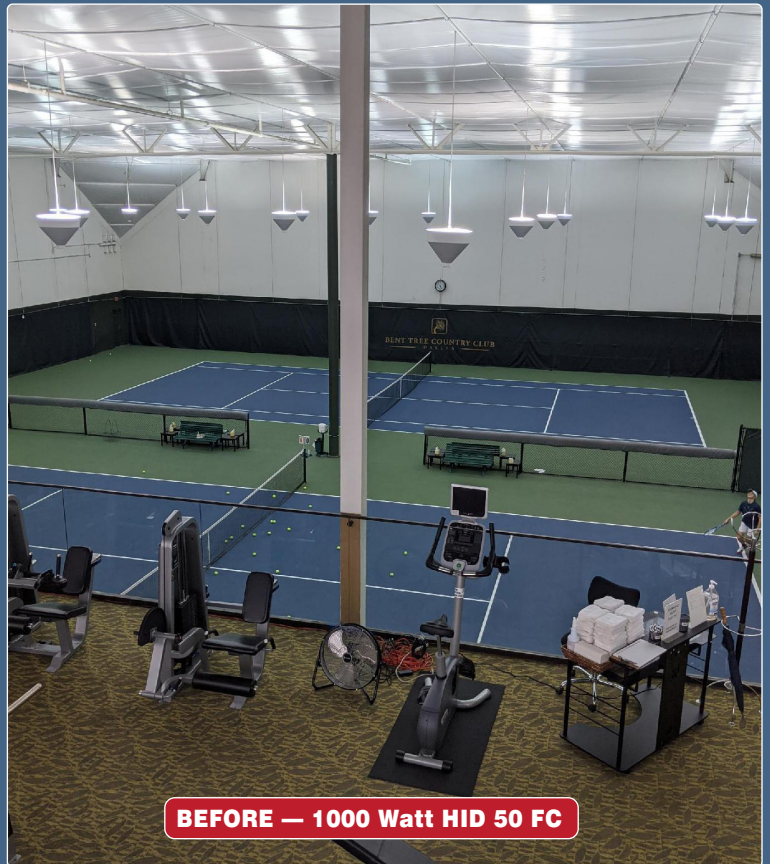
BEFORE

1000 Watt HID 50 FC

AFTER

552-Watt DISC LED 90 to 105 FC

- ✓ 50% Energy Savings Twice the Light
- ✓ Indirect DISC LED Pendant Mount
- ✓ 74000 and 102,000 Lumen Package
- ✓ CCT 5100 CRI 85
- ✓ L70 LED Life 370,000 Hours
- ✓ Instant On and Off for Additional Savings
- ✓ Wireless Controls from Phone or Tablet
- ✓ Simple and Easy Installation



BEFORE — 1000 Watt HID 50 FC

TESTIMONIAL

“ This was the best improvement for our club.

We reduced our carbon foot print by 50%.

The project was installed quickly without business interruption.

Our players see the ball better.

Members and staff are thrilled with the light levels and energy savings! ”

Craig Bell
Bent Tree Country Club



AFTER — 552-Watt DISC LED 90 to 105 FC

Indoor Pool Application Best Lights DISC LED

BEST LIGHTS HAS BEEN ILLUMINATING FACILITIES AND CRAFTING HIGH QUALITY LUMINARIES FOR 30 YEARS.

Our **DISC LEDs** boast the brightest light, longest lifespan, and industry best warranty. Along with significant energy savings, our luminaries deliver more light using less wattage, reducing your energy bill. Take control of your energy consumption with our Bluetooth Network Lighting Controls, effortlessly managing your lighting for additional savings.

Are you tired of having light shine directly in your eyes while at work or play? At BEST Lights, we are dedicated to revolutionizing your environment with our innovative DISC LEDs that offer indirect lighting.

Indirect lighting is a game-changer, providing illumination by reflecting light off surfaces like white

ceilings instead of beaming it directly at your players or employees. This technique not only eliminates potential glare but also minimizes bothersome shadows, ensuring optimal visibility and safety.

In sports facilities, where clear visibility is crucial, our indirect DISC LEDs eliminate distractions of glaring light, allowing athletes to focus on their game. Plus, fewer shadows mean better visibility, enhancing both worker and athlete safety.

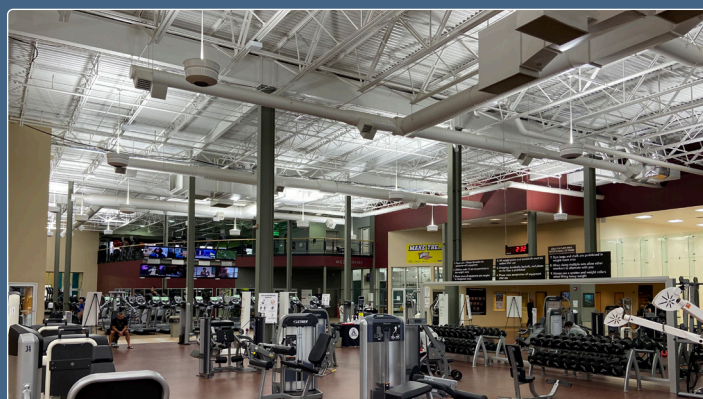


Experience the BEST Indirect Lighting with BEST Lights.



DISC LED Indoor Athletic Facility Application

223,000 Square Foot Athletic Facility



THE 520-WATT INDIRECT DISC LED WITH BLUETOOTH NETWORK LIGHTING CONTROLS REPLACED 1000 WATT HIDS

Controls

Time Clock-Scheduling-Motion Sensors-Daylight Harvesting High End Trim-Monitoring The lights automatically come on at 6 AM. Motion Sensors take over, if no motion is sensed after 10 min. the lights shut off in each area of the club except for the fitness area. At 9:30 PM all lights automatically turn off except for the fitness area.

Tennis Courts

Motion on court lights turn on. No motion after 10 min off.

Basketball/Volleyball

Motion on courts lights turn on. High End Trim to 390W. Daylight Harvesting lights dim to 70FC. No motion after 10 min off.

Fitness Area

Scheduled on at 70% power = 380W from 6 AM to 9:30 PM. Scheduled dimmed 9:30 PM to 6 AM Dimmed to 35% power = 182W.

Running Track, Golf, Fitness

8 motion sensors set with different time from 30 min to 3 hours.

Racquetball Courts

135-Watt LED Fixtures replaced 400W HIDs. Motion Sensor Instant on. No motion off.

* FC stands for Foot-Candles.

The Solution

Remove their 19 year old Indirect 1000-Watt Best Lights fixtures and install the new 520-Watt Indirect DISC LED with Bluetooth Network Wireless Controls. The Controls are automated and touch-free, utilizing daylight harvesting, motion sensors, high end trim and scheduling. They turn on and off as people come on and off the courts.

The Result

Employees have not touched a light switch in 2.5 years. Maintenance staff no longer work on lights, freeing them up to do other things. The light levels on the Tennis Courts doubled from 50 FC to 100 FC. The lighting upgrade has created higher visibility which has improved attraction and retention of members who are thrilled with the new look.

Project Installed COST	\$587,000
Consumers Energy REBATE	\$357,000

- ✓ BEST Lights, Inc. financed 24 monthly payments of \$9,583 = \$230,000.
- ✓ Genesys Athletic Club Electrical Savings per month is \$10,963.
- ✓ Positive cash flow per month after payment \$1,380.
- ✓ Accension Genesys Health Club had the new DISC LED installed for free and put \$33,120. in their pocket over the two year period.
- ✓ They are currently saving \$131,500. each year in electricity with twice the light.

Indoor Basketball, Volleyball, Pickleball Application

Best Lights DISC LED Pendant Mount



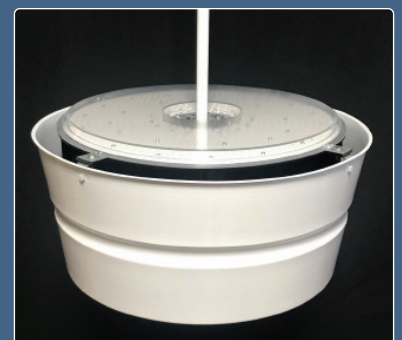
UWM SPORTS COMPLEX PONTIAC, MI

- ✓ Building Size 320' x 250' x 34'E x 70'R
- ✓ 140 - 552 Watt Indirect DISC LED
- ✓ 1.43 Watts per Sq. Ft. 75 Avg. FC
- ✓ Bluetooth Network Lighting Controls
- ✓ Two Bluetooth Switches with Two Zones
- ✓ Two Light Levels 50% and 100%
- ✓ No Glare in Players Eyes
- ✓ No Shadows on the Floor
- ✓ Delivered the Lights Within 5 Weeks
- ✓ Client Extremely Pleased

The DISC LED Pendant Mount is perfect for lighting the Basketball, Pickleball and Volleyball Courts

At 81,303 Lumen's it is the brightest Basketball/Volleyball LED illuminating courts to higher light levels with fewer watts.

Available with Bluetooth Network Lighting Controls.



Air Dome Application

Best Lights DISC LED Cable



TROY RACQUET CLUB, MI

**Replaced 1000 Watt HID's
with DISC LED, 8 lights
per Court**

- ✓ Saved 65% on Electrical Bill by using our Bluetooth Network Lighting controls
- ✓ 75 foot-candles overall at 75% power
- ✓ Bluetooth Network Lighting Controls offer 4 Light levels from 100% to 25%
- ✓ Can easily be changed and accessed on Phone, Tablet, or Switch.

The DISC LED Cable Mount is perfect for lighting Airdomes.

At 81,303 Lumen's it is the brightest LED illuminating courts to higher light levels with fewer watts.



Available with Bluetooth Network Lighting Controls.

DISC LED with Bluetooth Network Lighting Controls

TWICE THE LIGHT AT 70% LESS ELECTRICITY!

High-End Trim

Sets the light and power level of each court.

At 520 watts and 100% power, Genesys can achieve tournament light levels of 100 FC*. For normal club operation, we high-end trimmed the lights to 75 FC using only 390 watts. With a touch of a button, Genesys can switch from daily-use to tournament light levels.

Motion Sensors

Lights turn off when not in use.

Walk onto the court and the lights come on instantly, 24/7. No motion for 10 minutes and the lights dim to 50% power. After another 5 minutes, the lights shut off. No more turning lights on and off for additional energy savings!

Daylight Harvesting

Saving money and energy with natural light.

The basketball courts at Genesys have windows that let in sunlight during the day. Daylight Harvesting sensors are set at 70 FC, 364 watts, 24/7. As the sun shines through the windows, fixtures automatically dim to 70 FC, using less power for additional savings.

Scheduling

Setting a customizable schedule.

The lights are programmed to automatically turn on at 5:00 AM and turn off at 9:00 PM. The Genesys team can adjust this schedule at any time.

Adjust Lights from Anywhere

Make changes from your phone, tablet, or computer.

All programming is done using a secure, password protected platform that can be accessed right from your computer or mobile device at any time, day or night. The program allows an administrator and multiple users.

Network Controls

24/7 access to light data and network controls.

Genesys can access key information and stats about their lights, and monitor the electrical usage, occupancy, and scheduling for all areas, no matter the day or time.

Rebates

Eliminating out-of-pocket costs.

Genesys Health Club received three times the normal rebate from the local utility because of Best Lights' Network Lighting Controls. We filed all the paperwork on the club's behalf and financed the balance – that's how confident we are in the cost-saving capabilities of our lights.



Got BEST LIGHTS? We Do...

Indirect DISC LED Lighting Retrofit

MIDTOWN ATHLETIC CLUB, BANOCKBURN, IL



“ At Midtown Bannockburn, IL they doubled our light levels. When set at 100% power we exceed professional tournament lighting set by the USTA. With the Utility Rebate and the electrical savings we have less than a two year ROI (Return On Investment).

Jill Zordan, Vice President Facilities & Development, Midtown Athletic Clubs ”

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INDIRECT AND DIRECT MOUNTING

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Got BEST LIGHTS? We Do...

Indirect DISC LED Lighting Retrofit

GRAND VALLEY STATE UNIVERSITY, MI



“ Best Lights significantly improved our light levels and lowered our costs. Our athletic teams here at GVSU will have a better experience while practicing and competing with the new DISC LEDs and Bluetooth Network Lighting Controls.

Brent Tavis Assistant Director of Athletics, GVSU ”

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