



2021 CHM LIGHTING CONTROLS BROCHURE





WE ARE A PROUD COMPANY.

ESTABLISHED IN 2005. MADE IN TEXAS. AN ALL-IN-ONE SOLUTION.

Our Mission is to provide superior sports lighting solutions that offer our customers predictable and honest results, reduced energy consumption, incredible reliability and ease of use that results in a world class lighting experience regardless of the size of the venue or cost of the system. CHM Lighting has been illuminating sports lighting venues from parks and recreation to professional stadiums since **2005**, manufactured right here in Texas, USA.

UNLIMITED FLEXIBILITY

The wireless control solutions from CHM Lighting offers near unlimited flexibility. The system is factory calibrated and pre-programmed to your unique needs before shipment with up to (5) unique scenes. During field commissioning and training, CHM Lighting on staff control technicians to adjust and reprogram the scenes to fit your unique application. If you want to add more scenes in the future all you have to do is call CHM Lighting and we'll be happy to offer reprogramming services to add additional scenes to your system. Think you might want to add local push button override in the future? No Problem! Additional wireless devices can be added at any time and seamlessly integrated into your existing system!

OPEN SOURCE TECHNOLOGY

At CHM Lighting, we understand that our customers do not want multiple control systems throughout their sporting complex. That is why CHM Lighting utilized proven and widely available components from Synapse Wireless to create our wireless control solution. The Synapse components can be installed on virtually any LED luminaire and can easily be integrated into the CHM Lighting wireless control system offering our customers an extremely versatile platform with which to control their entire sports complex. CHM Lighting does this without the use or sole source or proprietary components!

IN HOUSE SOLUTION

Our entire wireless control solution from CHM Lighting is sold, warranted, programmed and supported by CHM Lighting. CHM Lighting controls technicians are Synapse SNAP Certified and will perform the one-on-one customer training as well as provide phone and e-mail support to our customers throughout the duration of the system warranty. With CHM Lighting, you only have one number to call for support of your entire system.

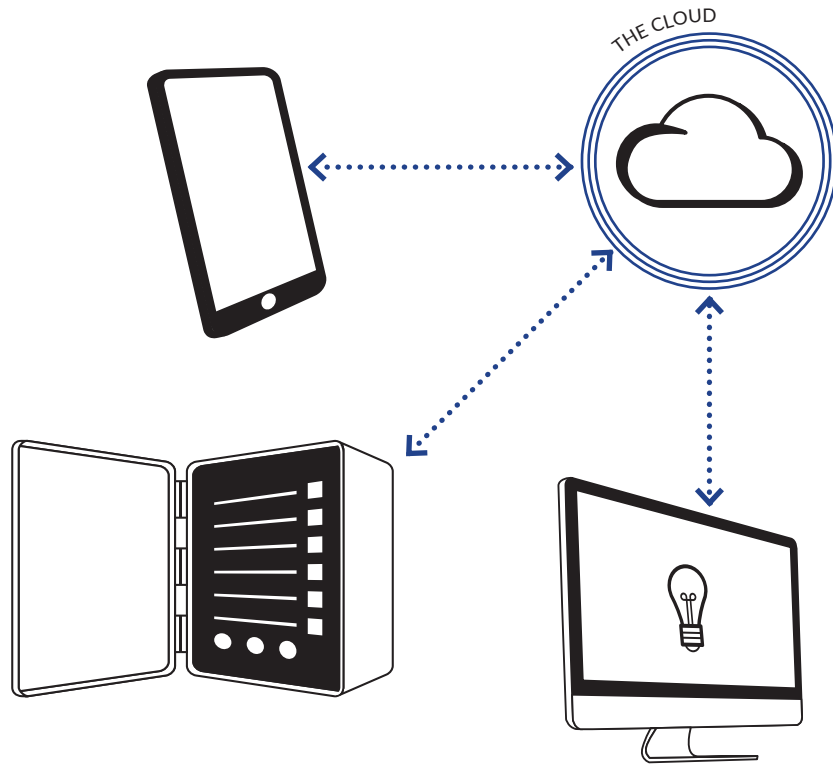


WIRELESS CONTROLS FOR EVERY PROJECT

- One (1) Wireless controller per luminaire or cluster
- One (1) Central Base Station for local override and control
- Service and support for duration of warranty
- Remote training for end user
- Wireless control and monitoring
- Continuous dimming from 10%-100% and full off
- Solid-state control with no relays or contactors to fail
- True mesh network for improve reliability
- Ability to integrate future installations and interoperability with various manufacturers

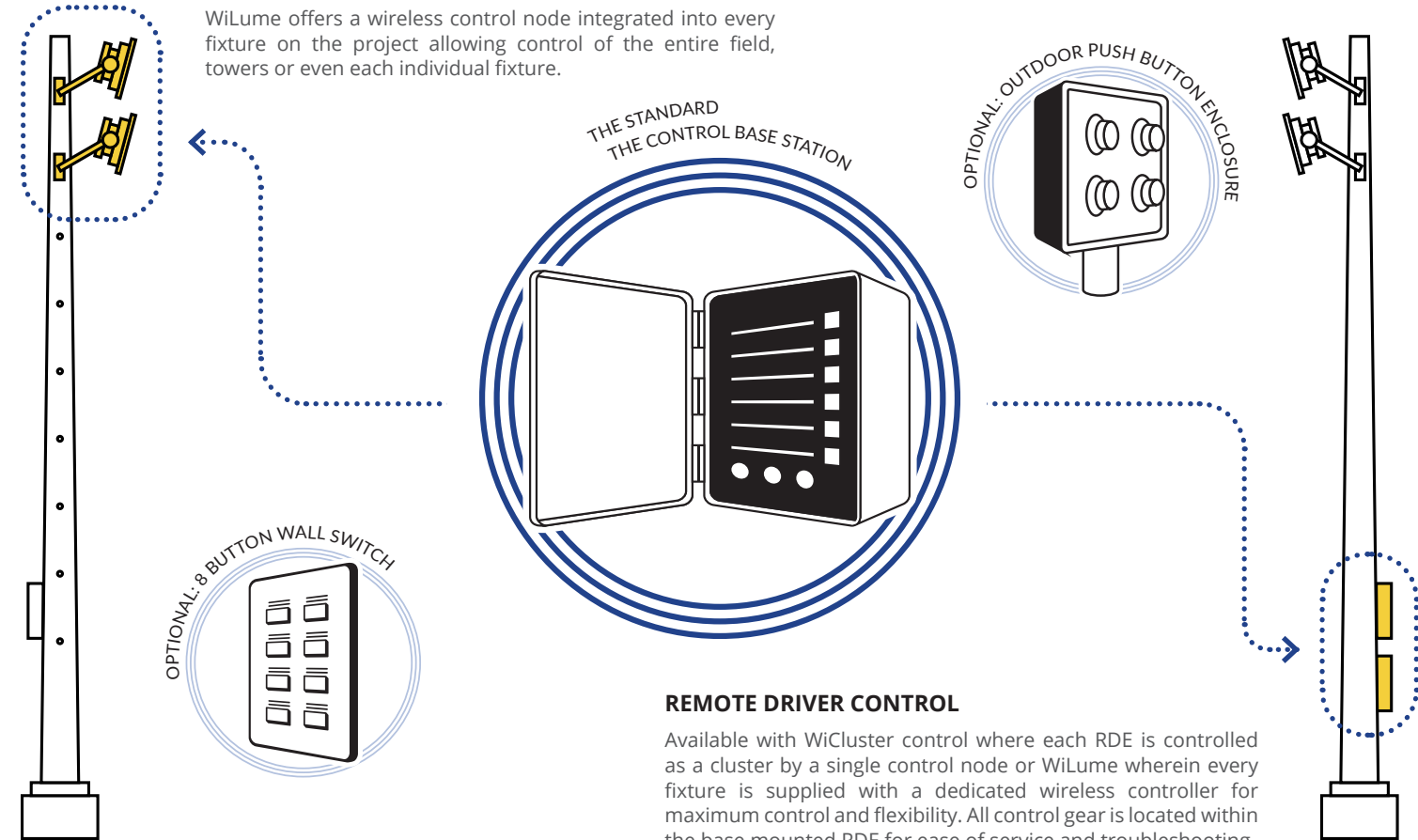
OPTIONAL FEATURES

- 3G Connectivity when LAN is not available
- 7 PIN node with utility grade power monitoring (120-277V only)
- Indoor wall switches
- Outdoor push button enclosures
- Wireless controlled contractors and relays to control additional devices on site
- Extended service and support up to 25 years



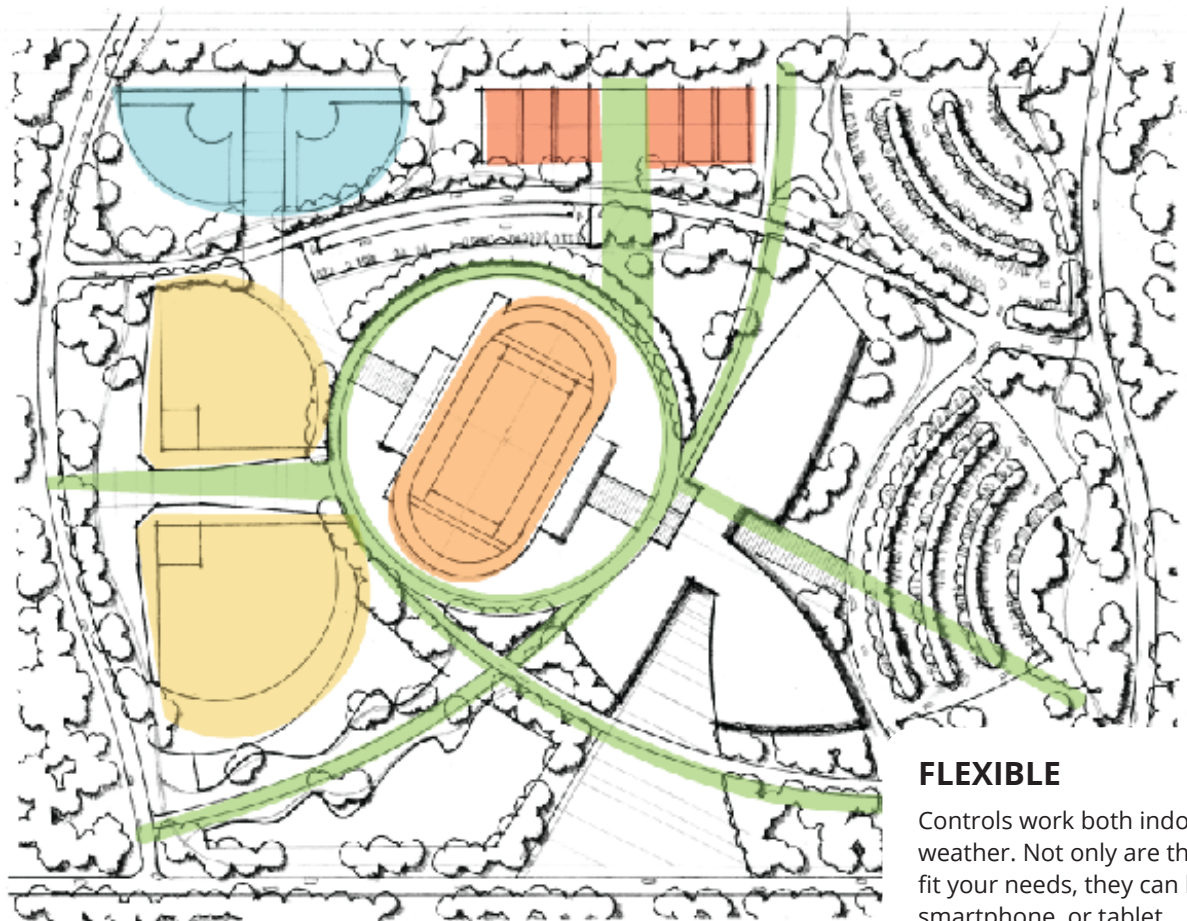
INTEGRAL DRIVER CONTROL

WiLume offers a wireless control node integrated into every fixture on the project allowing control of the entire field, towers or even each individual fixture.



REMOTE DRIVER CONTROL

Available with WiCluster control where each RDE is controlled as a cluster by a single control node or WiLume wherein every fixture is supplied with a dedicated wireless controller for maximum control and flexibility. All control gear is located within the base mounted RDE for ease of service and troubleshooting.



KEY

Baseball: Yellow
 Softball: Blue
 Football: Orange
 Courts: Red
 Walkways: Green

FLEXIBLE

Controls work both indoor & outdoor, in all weather. Not only are they easily customizable to fit your needs, they can be controlled from laptop, smartphone, or tablet

INSTALLATION GUIDE

- Install sports lighting system
- Controls are factory integrated into the fixtures.
- No extra steps, labor or equipment required.
- Energize sports system
- Lights function as any standard light without programming
- Install Central Base Station within 300' of any tower
- Provide 120V and Ethernet connectivity
- Control base station automatically synchronizes with sports system creating wireless mesh network. No additional work or equipment required.
- At this point, the five (5) buttons on the control base station control the all fixtures in the network
- Contact CHM Sports for training and final programming of your system to meet the needs of your facility

STRAIGHTFORWARD

CHM provides all training and support for maximum ease. Five standard scenes ship with every unit. No Ethernet available? No problem! Contact CHM Lighting for information on available cellular 3G connectivity.

FACTORY STANDARD

- 100% Level
- 75% Level
- 50% Level

CUSTOMIZATION

- Five (5) custom scenes included.
- Unlimited number of scenes available.
- Want to change scenes after installed? CHM Control technicians can wirelessly reprogram your system to your unique needs from our factory in Texas. Your custom solution is just a phone call away.



CHMLIGHTING.COM

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