

A high-angle, top-down photograph of a volleyball game in progress. Three players are visible: two in blue jerseys on the left and one in a red jersey on the right. They are all jumping towards a central net. A volleyball is suspended in the air above the net. The court floor is made of wood with yellow and orange circular markings. The lighting is bright and even, highlighting the players and the net.

interact Sports

Where everyone wins

Harnessing the power of connected
lighting for recreational sports

Find out more about Interact Sports
www.interact-lighting.com/sports

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Lighting and sports: it's time for teamwork

For players, good lighting has always meant improved visibility and enhanced safety. But if you're responsible for managing recreational sports facilities, your own interests are likely to go a great deal further.

You're focused on keeping costs and energy consumption down, for instance. And with the lighting taking up a large proportion of your bills and carbon footprint, it's an area of your operation you simply can't afford to ignore. The latest generation of lighting systems can make a positive impact to both your financial management and carbon footprint.

You want a system that can easily be repaired and maintained. Applications built around high ceilings and masts can quickly become very problematic. So the choices you make here are important to your efficiency and peace of mind.

And what about your neighbors? They're likely concerned about potential light pollution and will want you to demonstrate that you're reducing any potential impact.

But it's possible to take lighting to another level too.

Thanks to technology pioneered and championed by Interact, you can see lighting as part of your integrated IT infrastructure. That means harnessing the power of data to maximum advantage.

As you move into the future of recreational sports, you'll be able to enhance your brand and become a destination of choice for your customers, who'll be more engaged than ever before.

It's time to have Interact on the team.



As the world changes, we need to change with it

The new challenges and opportunities in recreational sports have become very clear.

We've seen an ever-increasing trend of people moving to cities. And with this growing urbanization comes a demand for leisure opportunities.

For city authorities, this provides an excellent chance to help improve quality of life. Healthier citizens are happier citizens and tend to place less pressure on hard-pressed public services.

The public's expectations are high though.

They want high-quality recreational sports, but understandably look for their experience to be affordable too. A sentiment shared by those who manage recreational sports facilities, who are keen to keep control of costs.

And with so many competing leisure activities on offer as we head into the 2020s, differentiation is more important than ever before. Harnessing the power and potential of lighting is just one way of standing out and brining more people in.



Your training facilities transformed

Interact Sports is the technology that powers smarter recreational sports facilities. Put simply, it's connected lighting with associated software, which gives you control through a simple and intuitive dashboard. You're able to create a seamless and enjoyable experience for your customers or visitors – from the moment they arrive for training to the moment they leave.

You're able to integrate the lighting with other building systems and access the potential of the Internet of Things (IoT). And with data on tap to analyze, you can improve your operational efficiency and maybe even explore whole new revenue streams and services.

See the benefits

When you combine Philips LED luminaires with manage, monitor and control lighting remotely through Interact Sports, you can increase your operational efficiency and reduce energy costs by up to 65%. But the benefits don't end there. You can also:

- Integrate your lighting with other applications
- Manage your lighting more easily and efficiently
- Improve the quality of light on the field
- Support new revenue streams
- Enable services built around data

The best quality of light

Whether you're hosting Class 1, top-level competitions or Class 3 events, you want the best possible quality of lighting, which complies with NEN-EN standards. With high performance of Philips LED luminaires, you have a choice of different color renderings too, as well as proven high-quality optics. That means lighting that out-performs at times.

Everyone wins



Players benefit from more comfortable lighting and increased vision. Spectators have an improved experience too.



Sports clubs and operators benefit from single-dashboard control, increased operational efficiency and access to data-based insights.



Installers and maintenance operators benefit from easy installation, web-based commissioning and remote monitoring.



City officials benefit from improved operational efficiency, data-based insights and new business or service opportunities.



Citizens benefit from No Light Trespass into living areas close to facilities thanks to new Spill light control and Zero Tilt optics.



Handing you control

With Interact Sports, the power is in your hands. Our software allows you to manage, monitor and control your lighting across all your sports and training facilities. Just use the intuitive dashboard to pre-program the light settings, make instant adjustments and gather the kind of high-quality data that allows you to optimize schedules and operations.

Lighting management

With Interact Sports Lighting management software, it's easy to manage, monitor and control connected lighting across your sports and training facilities. You can access valuable data, which allows you to optimize the lighting schedule in your facility, as well as your operations.

Scene management

This unique management software allows you to activate pre-programmed light settings that are appropriate for the sports currently under way on your field. Is it a training session, for example? Or a match? You have the control to make real-time adjustments at the touch of a screen.

Open APIs

Open, secure API enable the sharing of real-time and historical lighting data with other IT and facility management systems to enable these systems to manage lighting schedules or events. APIs also enable you to share the lighting data with third parties who could create additional software apps or services to further improve your facility operations.

Helping a center of excellence grow

The vision

The Royal Dutch Football Association (KNVB) in Zeist, the Netherlands, serves as a training facility and a vital rehab center for players recovering from injury. It is also a base for international football camps and a testing ground for new innovations in the game. Already equipped before 2017 with a new artificial grass pitch and Philips OptiVision LED lighting, the brief to Oostendorp Nederland – an Interact Certified Value Added Partner – was to install lighting for planned campus expansion. Versatility was important, along with a spec that matched broadcast standards for when TV cameras arrived at the venue.

Our solution

As the lighting needed to be suitable for a variety of purposes, Oostendorp decided an optimal solution was to install Interact Sports Lighting management software, configured to manage recreational sports facilities. The connected lighting software allows facilities managers to activate pre-programmed lighting scenes and settings for training sessions or matches. If necessary, they can make adjustments in real time too.

“Our sports field is uniquely situated in the middle of the Zeist Forest. Players need excellent light to perform, however there are also environmental considerations. Consulting partner Oostendorp's solution meets our needs, while minimizing light spill.”

Bas Stoker,

Project leader KNVB Campus and Facility Manager, KNVB





Preparing for the big stage

The vision

Campa de La Florida – a soccer stadium in Portugalete, Bilbao – needed to comply with federation rules when the resident club qualified for the Copa del Rey football tournament. It was essential that players could take to the field at night and in front of TV cameras, which meant it was necessary to install flexible and easily controllable lighting, which conformed to broadcast standards.

Our solution

Interact Sports Lighting management software – configured to manage lighting at sports training facilities – was the ideal solution, as it gave the option to choose different programmable scenes. Lighting can be configured remotely and pre-set for the entire venue. As a result, Club Portugalete can now host national matches and has a growing number of spectators.

“Vision is perfect, without shadows. The playing conditions are really good and we can see from the field that there are more fans in the stands. And with our new lighting, we can now host national matches”

Jon Moya,
Captain of Club Portugalete



Making it easy to find sports venues

The vision

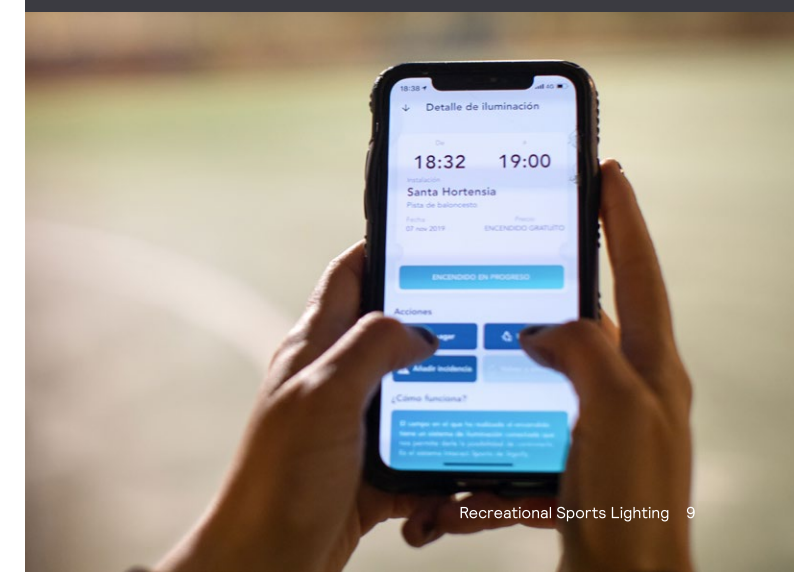
Aluzina Madrid – a start-up founded by sports lovers – saw a niche for an online database that gives citizens information about local sports facilities, as well as a facility for them to book in advance. It's integrated with the lighting at training fields, ensuring that players have appropriate light available to them when they arrive. The concept was pitched originally in 2017 Philips Smart City Contest.

The solution

The software app developed was one that ordinary citizens could use to book sports facilities and pay for their lighting during the session. Since the first pilot in October 2018, it has proved very popular, helping to improve opportunities for exercise, as well as increasing sporting activity in the city. Aluzina Madrid makes use of Interact API to power their own app, which helps citizens to control lighting in sports facilities and provides crucial data to city authorities.

“Aluzina Madrid is the result of the collaboration with Signify and the Aluzina Madrid company itself, which very well demonstrates the way we approach innovation, which is through participation and co-creation with society as a whole.”

Juan Manuel Garrido,
Head of Innovation department City of Madrid, Spain





Features and specifications



Standard control devices that anyone can control



Option to produce reports on lighting consumption and use



Easy retrofitting - cutting out disruptive and costly cable works



Option of multiple user groups and authorisation profiles for lighting control



Reliable and stable communication and data transfers via power-grid cables



Dedicated installation tool for easy re-configuration and system upgrades



Remote support and hassle-free software upgrades



Future-proof architecture thanks to cloud technology

Intuitive control devices

3 different options for controlling light settings



Panel

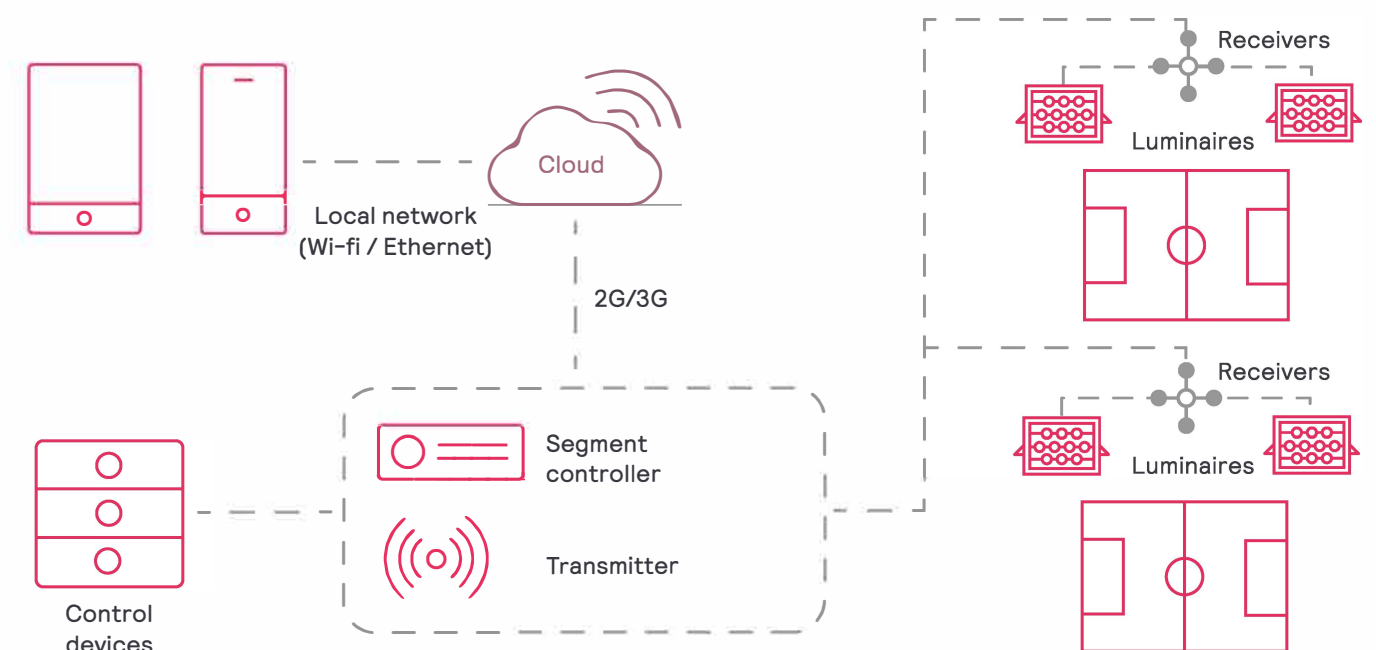


Tablet



Smartphone

System architecture



Choose the bundle that works for you

System Features	Specifications
Dimmable floodlights	Philips LED floodlights, DALI driven
Conventional floodlights	Supported, but only ON/OFF setting
System type	Cloud hosted application software with local controller
Network communication	Cellular 2G/3G
Local communication network	Coded mains – coded dimming signal over mains supply DALI communication between luminaire controller and drivers
Architecture	Cloud-based with service support from Signify
Control user device	Panel, via RS-485 cable or dry contact. Tablet or smartphone, Android, iOS and Windows supported (tablet or smartphone not delivered by Signify)

More detail product specification:

<https://www.lighting.philips.com/main/prof/outdoor-luminaires/sports-and-area-floodlighting>

Philips floodlights are ready to be connected with Interact Sports



OptiVision LED gen3



ClearFlood Large



ClearFlood

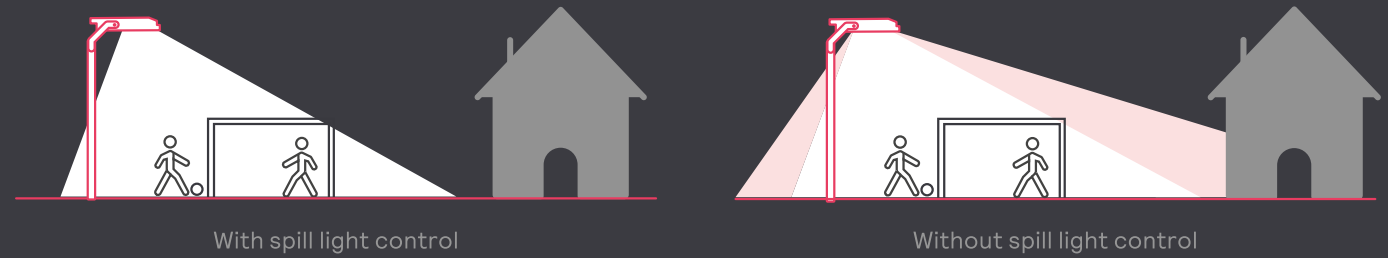


GentleSpace gen3

Product benefits

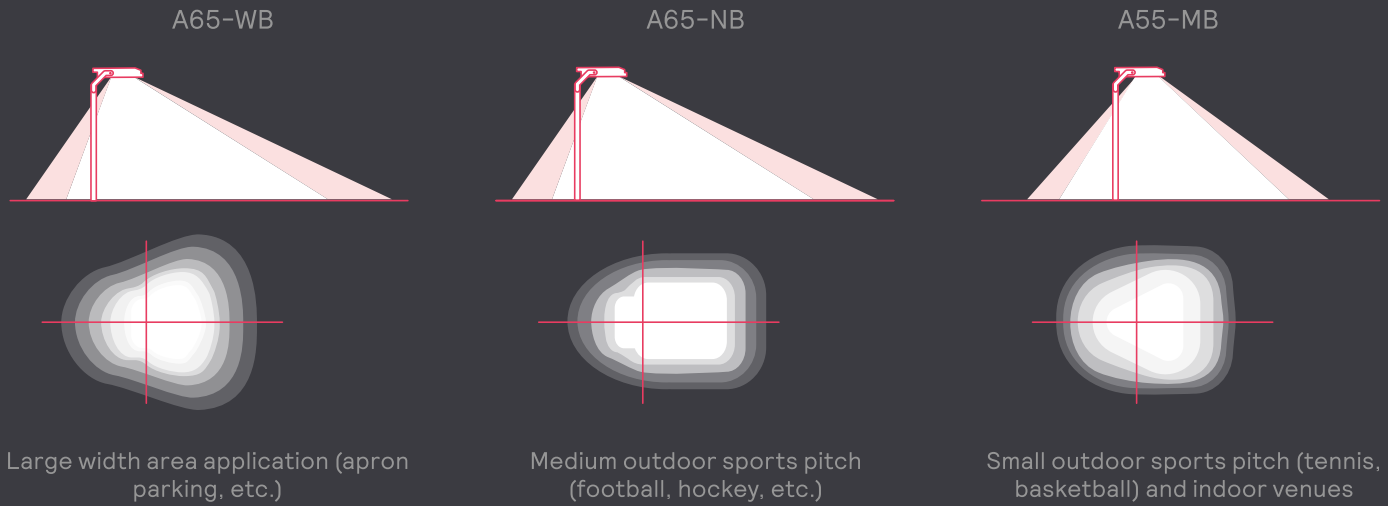
Best quality of light

A wide range of optics ensures the lighting is efficient and precisely distributed, all while minimising spill. This means in order to minimise light nuisance and preserve the dark sky, the light is sent to the desired zone without spreading out into the surrounding area and disrupting nearby wildlife.



Flexibility

0-tilt allows for low SCx value for projects that want to re-use installed pole structures to minimize required investment. 0-tilt option further increases comfort.



Hassle-free/easy maintenance

Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information.

Energy savings

When you combine Philips LED with Interact Sports Lighting management software, the floodlight enables additional energy savings (up to 65%) in different area lighting applications.



Take advantage of the Internet of Things

We offer a secure, scalable system that collects insights from your connected LED lighting. With Interact Sports, you can gather, store and analyse data, generating reports and insights.

Your analytics can be real-time, historical or predictive. And you're in control of who uses the platform and specific devices through our protocols for security, authentication and authorization.

Find out how Interact can transform your business
www.interact-lighting.com/sports

interact Sports

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Date of release: xx xx