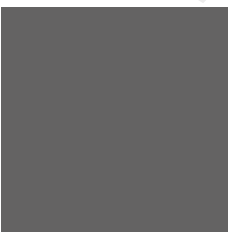
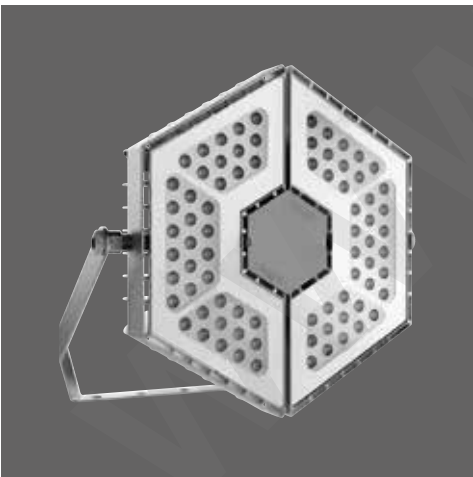


## Solutions for **TENNIS COURTS**



Ed. **02**  
2019

**GEWISS**

DIGITALSPORT  
INNOVATION

# 8 reasons to upgrade your tennis courts



## Immediate energy savings

**Reduced energy consumption** by 70% thanks to the innovative LED devices from GEWISS.



## Communication Campaign

Ad hoc communication to promote your modernised facility and its new LED solutions.



## No maintenance necessary

**Minimised costs for periodic maintenance** thanks to the new LED sources from GEWISS, guaranteed for 5 years.



## Better comfort for athletes

Athletes, spectators and technical staff benefit from the best visual comfort possible. Select the GEWISS devices assure the **perfect colour rendering** across the entire playing field.



## Sport facilities in compliance with main European standards

Solutions respecting main international and European standards: 400 lux for top-level competitive sport fields; 300 lux for any other level of sport activity.



## No work required on the existing infrastructures

The installation don't affect the existing infrastructure: your new lighting system will be in place soon without you even notice it.



## No capital lock-up

Solutions that easily pay for itself, even without initial outlays, due to the savings in your electric bill generated by the LED devices.



## Remote management

Monitor and supervise your system, **with a simple touch on your smartphone, anywhere and at any time**. With a simple touch on your smartphone.



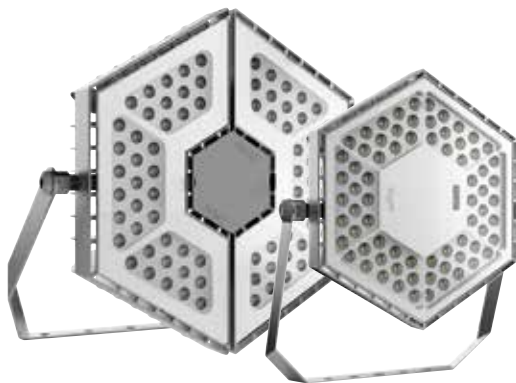


# Solutions for playing fields

Smart [PRO]  
2.0



ESALITE



With a lifetime exceeding 150,000 hours, a 5 year warrenty and 8 different optics, the products in the Smart[PRO] 2.0 range is the ideal solution for any installation, also thanks to a wide working temperature range between -30°C and 50°C.

ESALITE is the LED range that adapts to any requirement, thanks to its characteristics of durability (long lifetime exceeding 100,000 hours and 5 year warranty), resistance (working temperature -30°C/50°C) and versatility (7 different lumen outputs, 4 optics and native DALI).

	Training fields *		Fields for competitions *	
	200 lx UNI EN 12193:2008	300 lx UNI EN 12193:2008	400 lx UNI EN 12193:2008	500 lx UNI EN 12193:2008
Outdoor				
indoor				

\* The proposed solutions are approximate and refers to the European standards.



Outdoor



Indoor

Training activities  
200 lx



Medium level competitions  
300 lx



High level competitions  
500 lx



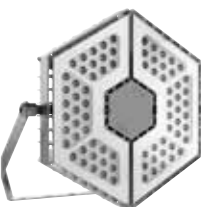
Local and regional competitions  
300 lx



ATP championships and grade-A events  
400 lx



Medium level competitions  
500 lx



FIELD REQUIREMENTS 200LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
III	200	0.6	< 55	20

Proposed solution Smart [PRO] 2.0

LIGHTING RESULTS				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
III	209	0.78	32	70

ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 67%	30 months	70	14

FIELD REQUIREMENTS 300LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
II	300	0.7	< 55	20

Proposed solution Smart [PRO] 2.0

LIGHTING RESULTS				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
II	339	0.71	34	70

ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 68%	27 months	10	21

FIELD REQUIREMENTS 500LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
I	500	0.7	< 50	60

Proposed solution Smart [PRO] 2.0

LIGHTING RESULTS				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
I	532	0.77	32	70

ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 71%	24 months	16	33

FIELD REQUIREMENTS 300LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
III	300	0.5	20	60

Proposed solution ESALITE

LIGHTING RESULTS			
Class	Emed [lx]	MinE/AveE	Colour yield index [Ra]
III	326	0.81	80

ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 58%	31 months	9.2	19

FIELD REQUIREMENTS 400LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
III	400	0.7	60	60

Proposed solution ESALITE

LIGHTING RESULTS			
Class	Emed [lx]	MinE/AveE	Colour yield index [Ra]
III	414	0.83	80

ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 56%	33 months	11.4	24

FIELD REQUIREMENTS 500LX				
Class	Emed [lx]	MinE/AveE	GR	Colour yield index [Ra]
II	500	0.7	60	60

Proposed solution ESALITE

LIGHTING RESULTS			
Class	Emed [lx]	MinE/AveE	Colour yield index [Ra]
II	526	0.87	80

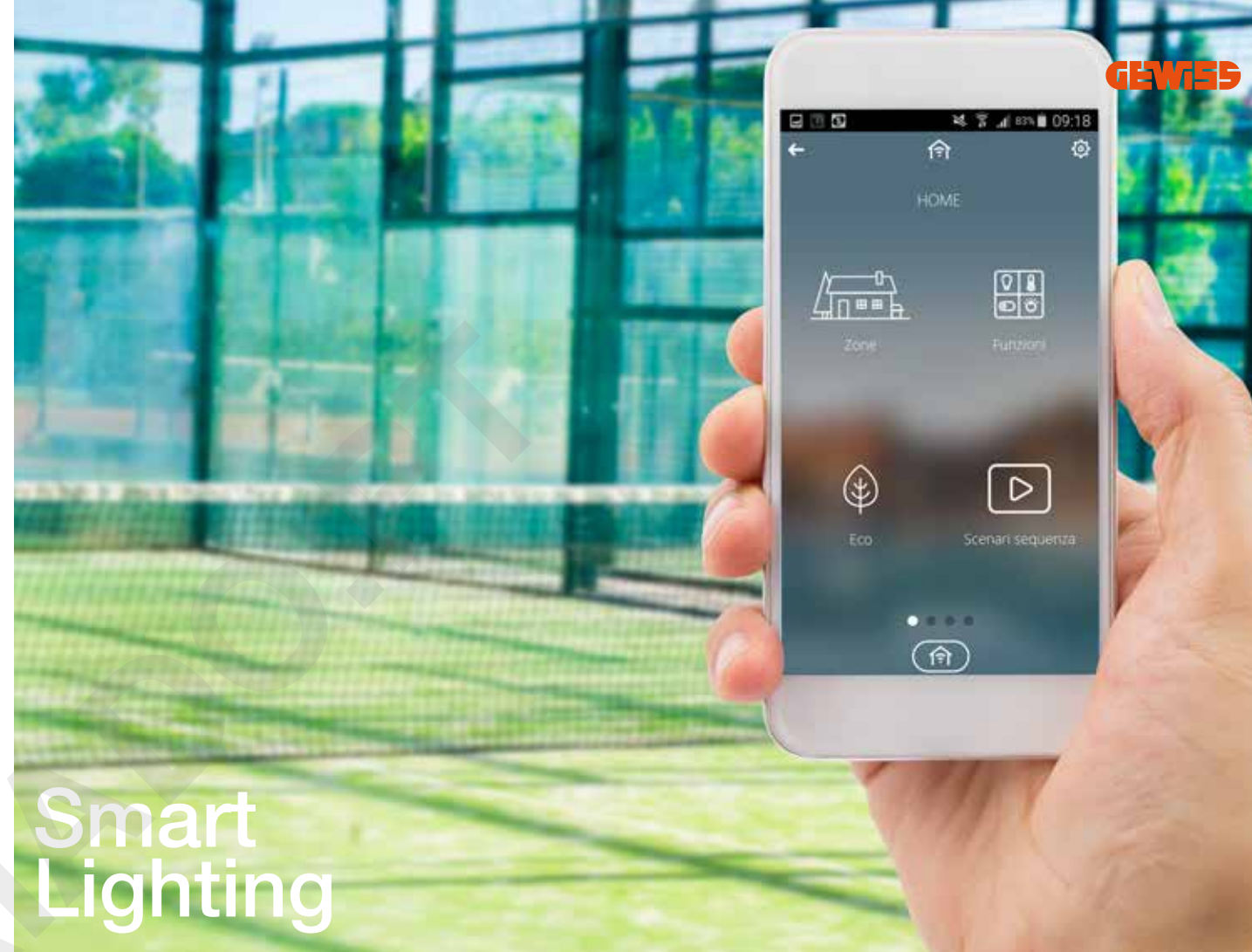
ECONOMIC/ENVIRONMENTAL RESULTS			
Annual savings	Payback	Ton. CO <sub>2</sub>	Barrels of oil
Up to 58%	30 months	15	31

\* The proposed solutions are approximate





# The system that pays itself back



# Smart Lighting

GEWISS aims at enhancing the **advantages of energy savings**: both relamping and new, LED devices projects can lead to better performing lights in sport facilities. To do so, a free, **preliminary inspection of the courts** where the installation will take place is performed together with a **detailed evaluation** of the existing system, in order to propose the **best technical offer**. When feasible, this is combined with a customised financial plan to support the investment.

A turnkey solution that comprises lighting devices installed according to GEWISS high-quality and efficiency standards.

## A simple and convenient choice.

Due to relamping, a **return on investment of less than three years** is guaranteed.

In fact, the LED devices by GEWISS allow energy savings of up to 80%. In case the deferred payment option is available, the periodic electric bills are covered **without any initial payment**.



## Sensors

A complete system of sensors detects all access to the playing fields, in order to switch on the lamps only when needed.



## Dimmers

All products are dimmable, to guarantee maximum optimisation in terms of energy, visual comfort and savings.



## Scenes

The sensors and dimming function allow to create lighting scenarios according to the specific needs of the facility, so reducing consumption and guaranteeing maximum visual comfort too.

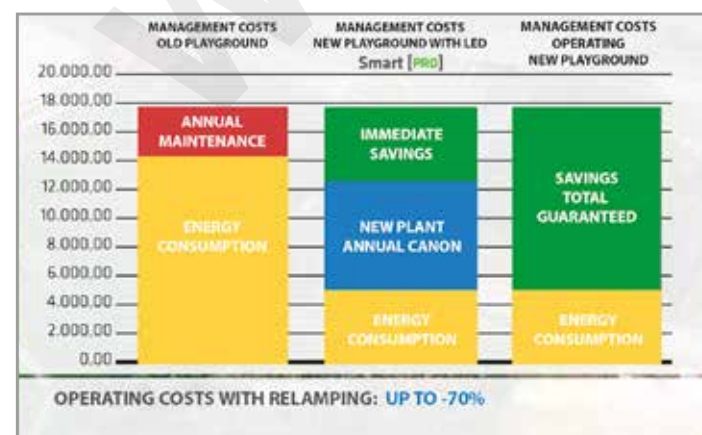


## Remote control

The management and supervision of the main system's functions can be operated remotely, via smartphone or tablet, thanks to the wireless technologies (Bluetooth/Zigbee) connected to the devices.



DIRECT PURCHASE



DEFERRED PAYMENT





# IF YOU LOVE **SPORT** SHED **LIGHT** ON IT

We design and modernise indoor and outdoor sports facilities:  
lighting for fields, bleachers, changing rooms and technical rooms, for the greater comfort and safety  
of all athletes and for promoting the Italian sports movement.

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