DOUBLE TWEENER® EU

The New Outdoor Tennis Lighting

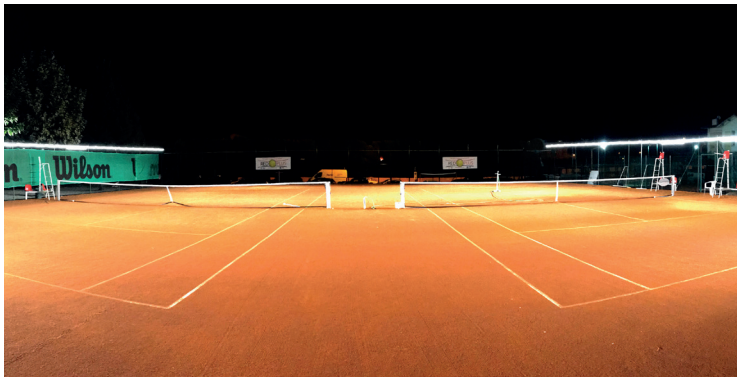
Economical

Plug & Play

Exceptional playing comfort

Designed and patented

Made In France



TWEENER® by NLX is a **patented** LED lighting solution specifically designed for outdoor tennis courts.
Winner of 2 innovation awards : in the United States and in France.

DOUBLE TWEENER® lights up 2 tennis courts.

Application

- **2 contiguous tennis courts with fence***
- **leisure** practice

**For simple court, see SINGLE TWEENER®*

Benefits

- **ONLY ONE** lighting solution **for TWO** tennis courts
- **1 DAY INSTALLATION**: direct installation on fence posts, no structural work
- **DESIGN & INVISIBLE SOLUTION** : perfect integration within the fence, high quality of finitions
- **EXCEPTIONAL PLAYING COMFORT** thanks to specific optics: great uniformity of lighting over the entire playing surface, no glare even with lobs, very low shadow
- **SAVE UP TO 50%** on acquisition, installation and operating budgets compared to a creation of a standard lighting solution. Very low power consumption.
- **MANUFACTURED in FRANCE** by a sport lighting expert (+650 projects)

The Tennis Industry Innovation Challenge

top DES entreprises

www.tweener.fr
sport@nlx.fr

HEADQUARTER
Aérodrome de Blois Le Breuil
41330 La Chapelle Vendômoise - FRANCE
Tél : +33(0)2 54 51 99 40

DOUBLE TWEENER® EU

NLX Next Lighting eXperience

W 3500* | IP 65 | IK 08 | Lux 250 | IRC >70 | GR <50 | 5 years WARRANTY

180-528 V AC | Lm /W 135 | KG 246 | RoHS

Composition of the Tweener® Kit

- 20 LED modules with waterproof connectors :
  - 2 lines of 8 LONG modules (L x H x W) — 380 x 5,9 x 7,9 cm (12'5.6"x 2.3"x 3.1") — 6,3 kg / module
  - 2 lines of 2 SHORT modules (L x H x W) — 95 x 5,9 x 7,9 cm (3'1"x 2.3"x 3.1") — 2 kg / module
- 2 power supply boxes (H x W x D) — 63 x 53 x 8,7 cm (2'1.2" x 1'.9"x 3.4") — 19 kg / box
- Universal fasteners et screws
- 1 Installation Manual
- Wooden box (L x W x H) — **400** x 73 x 50 cm (13'1.5" x 2'4.7" x 1'7.7")
- Weight — Kit 184 kg / Box 62 kg / **Box & kit 246 kg**

OPTIONS

- Customised color
- Wireless control lighting system
- Extension modules (for longer court)

Mechanical Characteristics of 1 Module

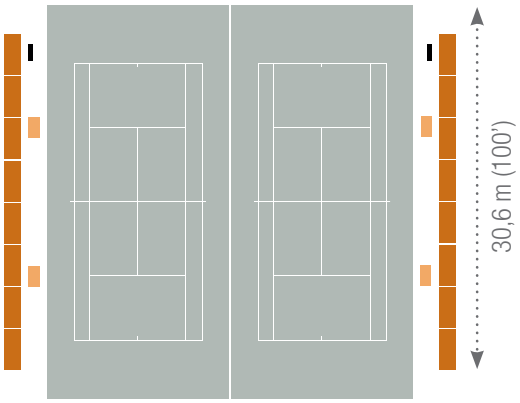
- Material MODULES — Heatsink : powder coated aluminum (GREEN RAL 6005 or BLACK RAL 9005). Diffuser: 2 mm Clear and UV resistant PolyCarbonate Sheet.
- Material FIXING SYSTEM — Coated stainless steel
- Index of protection — IP 65
- Shock resistance — IK 08
- Fire test — 850°C
- Operating temperature — -30°C to +50°C

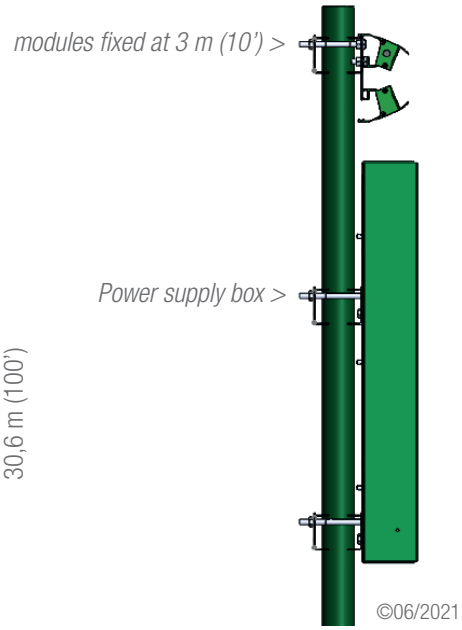
Electrical Characteristics

- Power supply box — 2 x 1200 W alimentation (IP67)
- Input — 180-528 V AC
- Frequency — 50-60 Hz
- Power LED — 3500 W (1750 W each side)
- Power consumption max — 4500 W (2250 W each side)
- Power factor — > 0,9
- Dimmable (optional) — 0-10V
- Class of protection against electrical shock I

Optical Characteristics

- Optics — Specific
- LED quantity — 680 per line (1360 in total)
- Correlated color temperature — 5000 K
- Luminous flux — 226 000 lm
- Luminous efficiency — 135 lm / W





©06/2021