



## Case Study

A total redevelopment of Tamworth council's tennis facilities saw The Courts@East turn pro, hosting their first ITP Pro Tennis event in late 2025. An important part of the upgrade was the STRIKER lighting to international competition standard.



**STRIKER**  
High-performance sports lighting



### Summary

Tigerlight's STRIKER sports floodlights were selected to illuminate a redeveloped tennis facility in Tamworth NSW. The client was Tamworth Regional Council, with funding from local, state and federal governments.

There were 11 tennis courts in total - 10 standard courts and one show court. Existing infrastructure was utilised on existing courts while new courts required a new low-maintenance approach.

### Challenge Faced

Ongoing maintenance was a key focus for both the builder and the club. Tigerlight's design team consolidated all remote drivers into 3 centrally located vented, fan-cooled remote cabinets, delivering a clean uncluttered installation.

Mounting was simplified through the use of rotatable L-spigot brackets for precise aiming, while concealing the power cabling from bird damage without using anaconda-style protection.

### Solution

STRIKER 480, 720 & 960W high-performance LED floodlights were specified for new poles and lighter-weight 480W Megaflood floodlights for existing poles around the original courts:

- 16 x 480W STRIKER floods (58,000 lm)
- 28 x 720W STRIKER floods (87,000 lm)
- 16 x 960W STRIKER floods (125,000 lm).

All were supplied with 415VAC input, with remote drivers which were located within 3 central fan-cooled cabinets. Rotatable L-Spigot mounting brackets were fitted to all lights.

Tigerlight's in-house designers constructed a lighting plan which exceeded the targets set:

- 350 lux on 4 courts with 8m poles,
- 500 lux on 6 courts with 12m poles and
- 1000 lux on the ITF show court with 15m poles.



480W, 720W and 960W STRIKER Sports Lights on new and existing poles, producing over 350 lux over 4 standard courts with 8m poles, 500 lux over 6 courts with 12m poles and 1000 lux over the ITF competition court for TV broadcasting. Note the uniformity of illumination of the courts and surrounds, with minimal light spill into adjacent non-pedestrian areas.

**FULL RANGE OF STRIKER OPTIONS**

- LCP from 480W to 1920W
- Lumens - from 58,000 lm to 252,000 lm
- Voltages - 240VAC, 415 VAC
- Lighting controls / Dimming
- Optical lenses - 16 options including anti-backspill
- CCT - 4 options: 3000, 4000K, 5000, 5700K
- CRI - 3 options: >70, >80, >90
- Mounting brackets
- Powdercoating colours



L-Spigot bracket



960W STRIKER with U bracket