



JASSTECH

The future is bright



Sports PRO

LED Flood Lighting System

THE FUTURE OF AREA LIGHTING IS HERE

Australia is one of the harshest environments for high-powered outdoor and sports lighting.

Sports PRO is the next generation in elite performance, multi-application LED luminaire designed to illuminate sports fields, airports, and large outdoor areas with: superior uniformity; outstanding light quality; and remarkable visual comfort.

Utilising our patented fold-fin thermal technology, and the latest high flux LEDs, **Sports PRO** delivers the highest luminous flux from a single, compact, lightweight luminaire. The custom engineered optics are also a major breakthrough in LED beam control, enabling **Sports PRO** to deliver incredible photometric outputs that meet and exceed the most challenging of lighting requirements.

BENEFITS

- « Very low windage area (EPA)
- « Various lumen packages to replace old-style 400-2000 Watt luminaires
- « Easy direct replacement using the existing mast, wiring, and mounting arms
- « Dark sky friendly with zero upward light
- « Visors allow for ultimate control, and reduced glare
- « Industry leading optical performance for light spill control
- « Consistent high performance in the most demanding environments
- « Compatible with leading programmable lighting control systems, including wireless systems

KEY FEATURES



1 FOLD FINS

Patented lightweight thermal structure maximizes heat dissipation whilst maintaining a compact, lightweight, luminaire design.

2 MOUNTING SYSTEM

Versatile mounting bracket, designed for simple install in new or retro fit applications.

3 ADJUSTING

Simple to adjust for final aiming.

4 FINISH

Polyester powder paint provides a highly durable finish that is resistant to UV rays and corrosion (Coastal Finish option also available)

5 HOOD

Eliminates upward light leakage and provides excellent control of spill light

6 OPTICS

Eight custom-engineered optics that direct light precisely where needed whilst minimizing glare

7 IP66 ENCLOSURE

Weather-tight design ensures durability and reliability in the harshest environments.

8 LEDs

Long life, high density L80 > 100,000 hours Ta 45°C

9 GLASS

Heat, shock and vandal resistant, toughened glass lens, with high light transmission.

INSTALL

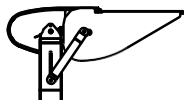
Sports PRO is designed to be installed on existing poles and infrastructures and can be mounted above or below a crossbar simply by inverting the bracket. This allows multiple lights to be fitted on each mast, eliminating the expense for new poles, crossarms, demolition, engineering, and foundations.



Underslung



Side



Overslung

DRIVER SYSTEM

PERFORMANCE

The power gear enclosure is designed to minimize driver operating temperatures so it runs cooler, significantly improving reliability and performance.

CONTROL

The power control technology delivers constant light output, independent of input voltage variations and runs at an efficiency of >96% and a power factor of 0.99*.

FLEXIBILITY

The complete power gear system can be located up to 50m away from the luminaires, making it Ideal for remote mounting. This simplifies installation, lowers initial cost and enables easy access for maintenance and future upgrades.



PRODUCT PARAMETER

Model	LED Max Power (W)	Typical System Power (W)	Input Voltage	Typical Luminous Flux	Dimensions (mm)	Mass (kg)
Sport PRO-450	450	500	120-277V / 347-480V AC 50/60Hz	>51500	531x630x312	10.5
Sports PRO-650	650	700	120-277V / 347-480V AC 50/60Hz	>74500	531x630x312	11
SPORTS PRO-950	950	1050	120-277V / 347-480V AC 50/60Hz	>108000	897x630x312	13
Sports PRO-1250	1250	1350	120-277V / 347-480V AC 50/60Hz	>143500	897x630x312	23

SPECIFICATIONS

Light Source	Lumileds / Cree (model dependent)
CCT	4000K, 5000K, 6500K
CRI	>80 CRI (90 CRI also available)
Dimming	0-10V (415V and 240V), DALI (240V only)
Material	Body: Low copper content Aluminum. Bracket: Galvanized Steel/Stainless Steel option available
Finish	Polyester coating
Ingress Protection	IP65
LED Lifespan	100,000 H
Operating Temp	-40°C to +45°C
Certification	CE CB ENEC SAA

ACCESSORIES

- « Laser aimer
- « Customized brackets available on request



ORDER CODES

PRODUCT ID	LED POWER	COLOR TEMP	CRI	OPTICS	COLOR
Sports PRO	045 = 450W	40K = 4000K	70 = Min 70	FT = Far Throw	GR = Gray
	065 = 650W	50K = 5000K	80 = Min 80	MLR = Med Left-Right	BL = Black
	095 = 950W	65K = 6500K	90 = Min 90	SLR = Short Left-Right	
	125 = 1250W			PNB = Round 15° x 15°	
	155 = 1550W			NB = Round 30° x 30°	
	185 = 1850W			SB = Round 60° x 60°	



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