



## CASE STUDY

# ST JOHN'S PRIMARY SCHOOL

St John's Primary School is a Catholic school located in Mitcham, in the eastern suburbs of Melbourne. The school recently underwent a redevelopment which included landscaping, additional shaded areas and a new multi-sports court being built.

Advanced Lighting Technologies (ADLT) supplied the Cree Lighting **OSQ Series LED Area & Flood Light** to illuminate the sports court.

The brief called for the average light levels to meet the recommendations in the relevant Australian Standard (AS/NZS 2560.2.4:1986 Lighting For Outdoor Netball & Basketball).

In addition to the OSQ Series, ADLT also supplied matching premium square steel light poles from Cree Lighting, featuring the unique Crown-Weld base that offers improved strength and robustness compared to typical poles.

The lighting provides St John's with the flexibility to safely use the courts for longer throughout the day, especially during the winter months. Cree Lighting's long lifetime and industry-leading warranty (10 years on the luminaires, 7 years on the poles) is an added benefit, helping to ensure the court will be lit up for years to come.

### END USER

ST JOHN'S PRIMARY SCHOOL

### ELECTRICAL CONSULTANT

PERRY CONSULTING ENGINEERS

### ELECTRICAL CONTRACTOR

ASED CABLING PTY LTD

### LOCATION

MITCHAM, VIC

### CHALLENGES

- ACHIEVE RECOMMENDATIONS  
IN AS/NZS 2560.2.4:1986

### SOLUTION

- CREE LIGHTING OSQ SERIES  
LED AREA & FLOOD LIGHT
- PREMIUM SQUARE STEEL LIGHT POLES

### RESULTS

- UNIFORM ILLUMINATION
- MINIMAL SPILL LIGHT
- LONG LIFE
- INDUSTRY-LEADING WARRANTY



**CREE**  LIGHTING

## OSQ Series

LED AREA & FLOOD LIGHT

The Cree Lighting OSQ Series blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminium with an integral, weather tight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination.

### FEATURES

- MINIMUM 70 CRI (4000K & 5700K), 80 CRI (3000K)
- CCT: 3000K, 4000K, 5700K
- UTILISES NANOOPTIC PRECISION DELIVERY GRID OPTIC

### BENEFITS

- SUITABLE UPGRADE FOR HID APPLICATIONS
- VERSATILE MOUNTING CONFIGURATIONS OFFER SIMPLE INSTALLATION
- SLIM, LOW-PROFILE DESIGN MINIMISES WIND LOAD REQUIREMENTS
- IMPROVED ENERGY AND MAINTENANCE SAVINGS
- STANDARD 10-YEAR LIMITED WARRANTY

### APPLICATIONS

- COUNCIL & GOVERNMENT
- SPORTS & LEISURE - OUTDOOR
- CAR DEALERSHIPS
- OUTDOOR AREA

Contact us today for more information on how we can provide a lighting solution to fit your needs.





