



CASE STUDY

CLAYTON OPEN SPACE PROJECT

The Victorian Government has been busily removing railway level crossings over the past few years, including nine along the Cranbourne / Pakenham rail lines between Caulfield & Dandenong.

Sections of elevated rail have been built along this corridor, with the open space created underneath dedicated to public and community use, including cycling tracks, playgrounds and sporting facilities.

Advanced Lighting Technologies supplied the **Cree OSQ High Output LED Area/Flood Light** to illuminate several multi-purpose sporting courts and surrounding areas along the rail line in Clayton. Backlight shields were used to minimise obtrusive light and reduce any impact on train drivers and neighbouring properties.

Smaller and lighter than other LED solutions, the Cree OSQ High Output Series has changed the standard for high-output illumination.

IESANZ 2019 VIC/TAS AWARDS COMMENDATION

Lighting work completed on the Caulfield to Dandenong Level Crossing Removal Project was recently recognised with a commendation at the IESANZ 2019 VIC/TAS Awards.

Presented by the Illuminating Engineering Society of Australia and New Zealand (IESANZ), the awards celebrate originality and ingenuity in lighting and luminaire design.

LOCATION

CLAYTON, VIC

CHALLENGES

- MINIMISE OBTRUSIVE LIGHT FROM REACHING NEARBY RESIDENTS
- MINIMISE DISTRACTING GLARE FOR TRAIN DRIVERS
- HEIGHT LIMITS DICTATED SHORTER POLES THAN USUAL BE USED

SOLUTION

OSQ HIGH OUTPUT SERIES
WITH BACKLIGHT SHIELD

RESULTS

- ENHANCE FEELING OF SECURITY AND SAFETY AT NIGHT
- MINIMAL LIGHT SPILL
- SMALLER AND LIGHTER THAN OTHER HIGH OUTPUT SOLUTIONS



CREE OSQ High Output Series

LED AREA & FLOOD LIGHT

The Cree OSQ High Output Series LED Area & Flood Light changes the standard for high output lighting. With high lumen output, one luminaire can replace multiple Metal Halide fixtures. The result is more than 80 percent energy savings at exceptional performance levels. Compared to other LED solutions, its smaller and lighter, making it easier to install while minimizing wind load requirements.

The 5000K version features TrueWhite Technology, which renders true-to-life colours with a CRI score of 90 and optical distributions that are optimized for automotive frontlines, large parking lots and high mast applications.



FEATURES

MINIMUM 70 CRI (3000K, 4000K; 5700K);
90 CRI (5000K)

CCT: 3000K, 4000K, 5000K, 5700K

CREE TRUEWHITE TECHNOLOGY
AVAILABLE IN 5000K VARIANT

UTILISES NANO OPTIC PRECISION
DELIVERY GRID™ OPTIC

BENEFITS

SUITABLE UPGRADE FOR HID APPLICATIONS

VERSATILE MOUNTING CONFIGURATIONS
OFFER SIMPLE INSTALLATION

SLIM, LOW-PROFILE DESIGN MINIMIZES WIND
LOAD REQUIREMENTS

IMPROVED ENERGY AND MAINTENANCE
SAVINGS

STANDARD 10-YEAR LIMITED WARRANTY

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