



**CASE STUDY**

# V/LINE BIOWASH FACILITY

V/Line is a government-owned corporation that operates regional passenger train services across Victoria, connecting cities like Geelong, Bendigo and Ballarat with Melbourne and other districts.

Unfortunately, animal strikes can be a common occurrence across the rail network and trains need to be inspected and cleaned to ensure a return to service as quickly as possible.

The Bendigo line experiences the highest number of animal strikes in the state, so a new \$7.9m Bio-Wash facility was recently constructed at the Bendigo Station precinct. Having a local facility in central Victoria means trains no longer need to travel to Melbourne for cleaning. The new facility also increases cleaning capacity across the entire network, reducing the possibility of service cancellation and passenger disruption.

A lighting solution that provided sufficient illumination while withstanding high-pressure cleaning, chemicals and biowaste was required at the Bendigo facility.

Enter the **PRACHT Tubis N LED**. PRACHT are the experts at providing effective illumination under extreme conditions. Boasting high ingress protection (up to IP66/68(2m)/X9), the Tubis N LED's smooth surface helps to repel dirt, dust and moisture, while its chemical-resistant housing (made from PRACHT's proprietary PRACHTOPAL material) combined with age-resistant shortened silicone seals, protects the electrical components within.

The amount of illumination exceeded the client's required levels, with each Tubis N LED providing up to 4,500 lumens\* at 80+ CRI, helping the maintenance team quickly and safely complete their tasks, and getting V/Line's rolling stock back on the tracks quicker.

*\*All lumen figures nominal*

**END USER**  
V/LINE

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**ELECTRICAL CONSULTANT**  
WGE / STANTEC

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**LOCATION**  
BENDIGO, VIC

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**CHALLENGES**

- ACHIEVE CLIENT'S REQUIRED LIGHT LEVELS
- WITHSTAND HARSH ENVIRONMENT

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**SOLUTION**  
PRACHT TUBIS N LED

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**RESULTS**

- UNIFORM ILLUMINATION
- HIGH COLOUR RENDERING INDEX
- RESISTANT TO HARSH CONDITIONS



**PRACHT®**

## TUBIS N LED

HIGH INGRESS PROTECTION

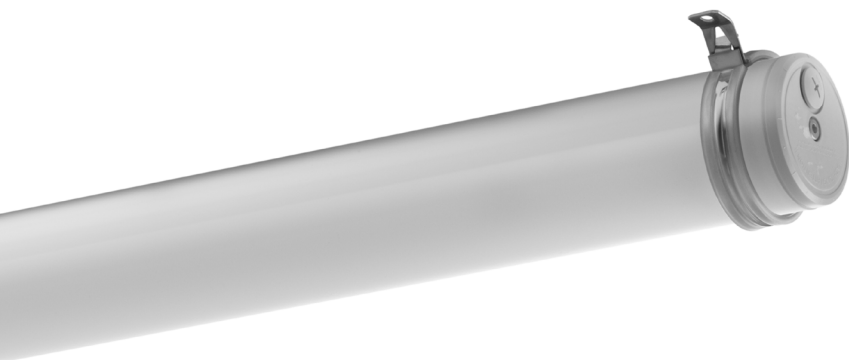
Dust tight and water-jet proof, the PRACHT Tubis Series offers extreme ingress and impact resistance, and is perfect for food production facilities, wet areas, mechanical workshops and more.

Featuring a fully-sealed tubular housing, the Tubis' smooth surface repels dirt, dust and moisture, earning an IP66/IP68/IPX9 rating and offering protection against high pressure, high temperature water-jet spray.

The Tubis offers flexible mounting options, including ceiling mounting, horizontal and vertical wall mounting, pendant mounting and more.

Tubis is also available with PRACHT's XLS Technology (Extended Lighting Solutions - including Bluetooth connectivity and motion sensors) while the 'Industry' variant offers even further protection.

Contact Advanced Lighting Technologies for more information on the robust and innovative PRACHT Tubis Series.



### FEATURES

- HIGH COLOUR RENDERING
- RESISTANT TO HARSH CONDITIONS
- IK08
- UP TO IP66 / IP68 / IPX9
- SUITABLE FOR OUTDOOR USE
- 5 YEAR WARRANTY

### BENEFITS

- REPELS DIRT, DUST AND MOISTURE
- MAXIMUM FLEXIBILITY THANKS TO NUMEROUS MOUNTING OPTIONS

### APPLICATIONS

- FOOD & BEVERAGE PRODUCTION
- MECHANICAL WORKSHOPS
- CAR WASHES
- WET ROOMS & MORE

### Contact us today

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

