



Part of the Energy Queensland Group

# Operational Update

## Gerard Nostalgia LED Range Quarantined

This Update Supersedes Operational Update No T-1402 & T1405

Issue # T-1407 – 9 May 2018

### Target Audience:

Designers, Consultants, Contractors, Workgroup leaders, Work Crews, Assessment Officers and Customer Connections.

### Introduction

The quarantine on the ordering of the Gerard Nostalgia LED range has now been lifted with stock becoming progressively available as detailed below.

### Why is this Operational Update being issued?

This Operational Update is to advise of the corrective actions being undertaken to remove the quarantine on the Gerard Nostalgia and Avenue (Modular LED Series) Luminaires.

Note this issue only affects the LED nostalgia range, it does not affect traditional HID / CFL Avenue / Nostalgia luminaires.

### Identified Problem

Water can ingress into the chamber containing the electronic control gear. Gerard has undertaken a review of the matter and has identified two potential root causes resulting in water ingress. They are:

- Via the spigot & body interface at the point of cable entry and dependent on the fixture installation being tilted forward from horizontal; and/or
- Via the three screws of the top cover which in some instances may not have been tightened sufficiently due to concerns of deforming the top cover.

### Rectification

To remedy this issue a design modification has been verified which involves adding a sealing gasket to the spigot entry point along with a clamping plate which allows the three top cover screws to be tightly fastened without causing deformation of the top cover (ref. Figure 1below).

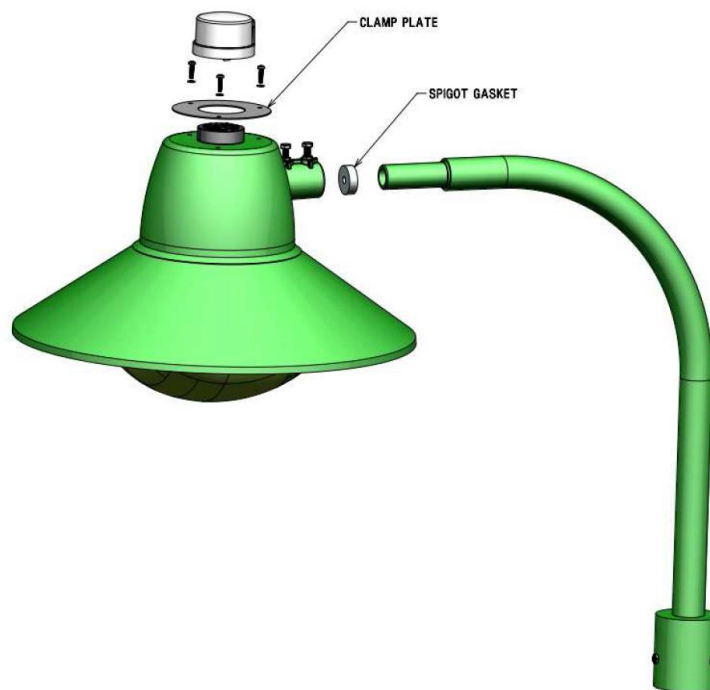


Figure 1

Gerard Lighting will also be adding a Label to all fittings that:

- a) New
- b) Reworked

Providing clarity to fittings that have been rectified, refer Figure 2 below for example of label.



Figure 2

## Remedial Program

The following is the program for rectification of this quality matter:

### Phase 1: Reinstatement of production

Commencing April 16<sup>th</sup> Gerard issued an Engineering Change Notification to the production facility providing instructions to add the top cover clamping plate along with a spigot entry gasket and Rectification Label.

- Components should be available the week of May 7<sup>th</sup>.
- Production capacity is 30 to 40 units per day, however, Gerard is looking at increasing capacity.
- Stock will be progressively dispatched the week of May 14; however precise dates will be issued by Gerard once production normalises after all components have arrived.

### Phase 3: Rectification of product that has been installed.

These luminaires will be replaced with new Modular Series fittings. Contractor, Consultants, Developers will need to contact the supplier of the luminaire to organise replacements. The following information will need to be supplied:

- Site Address
- Quantity of luminaires required (Wattage & Colour)
- Quotation to do change over

## Lifting of the Quarantine

The quarantine on the ordering of the Gerard Nostalgia and Avenue LED range (Modular LED Series) is lifted. Orders for the luminaires can be placed, however there may be delays as the back log the rectification work is processed.

Installation of the rectified Gerard Nostalgia and Avenue LED range (Modular LED Series) can commence. Subdivision shall be audited and commissioned as per the normal process.

The audit process shall be updated to include confirming the Gerard Nostalgia and Avenue LED range (Modular LED Series) have the sticker indicating they have been rectified, refer Figure 2 for example of sticker. No installations shall be accepted unless all the luminaires have the design modification applied.

### Affected Luminaires

The table below is a complete list of the stockcodes for which the quarantine has been lifted.

Stock Code	Item Description
2457687	FIXTURE,LIGHTING 17W LED, Nostalgia Type 1 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457711	FIXTURE,LIGHTING 17W LED, Nostalgia Type 1 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2456457	FIXTURE,LIGHTING 17W LED, Nostalgia Type 1 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457695	FIXTURE,LIGHTING 25W LED, Nostalgia Type 1 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457729	FIXTURE,LIGHTING 25W LED, Nostalgia Type 1 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457653	FIXTURE,LIGHTING 25W LED, Nostalgia Type 1 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457703	FIXTURE,LIGHTING 30W LED, Nostalgia Type 1 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457661	FIXTURE,LIGHTING 30W LED, Nostalgia Type 1 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2456465	FIXTURE,LIGHTING 30W LED, Nostalgia Type 1 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2462141	FIXTURE,LIGHTING 17W LED, Nostalgia Type 2 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)

Stock Code	Item Description
2462158	FIXTURE,LIGHTING 17W LED, Nostalgia Type 2 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457737	FIXTURE,LIGHTING 17W LED, Nostalgia Type 2 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2462166	FIXTURE,LIGHTING 25W LED, Nostalgia Type 2 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2462174	FIXTURE,LIGHTING 25W LED, Nostalgia Type 2 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457745	FIXTURE,LIGHTING 25W LED, Nostalgia Type 2 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2462182	FIXTURE,LIGHTING 30W LED, Nostalgia Type 2 Luminaire, Bottle Green c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2462190	FIXTURE,LIGHTING 30W LED, Nostalgia Type 2 Luminaire, Black c/w Integral Control Gear, PE Cell Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)
2457752	FIXTURE,LIGHTING 30W LED, Nostalgia Type 2 Luminaire, Blue/Grey c/w Integral Control Gear, PE Cell, Lamp, Power Factor Correction & Bracket, Minor Roads, ETS05-01-02, 00000783 (scm)

**For more information contact:**

**Adam Bletchly, Underground and Public Lighting Standards Engineer on 4931 2783**

***\*All current Operational Updates should be posted to noticeboards\****