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Prolite® Stainless Steel 316 Soffit Luminaires MAJOR PRODUCT IMPROVEMENT

Salt or contaminants will cause 316 Marine Grade Stainless Steel to rust stain. To avoid this, the product must be washed frequently with fresh water.

From Atlas Specialty Metals Tech Note 5;

“naturally occurring atmospheric conditions can result in deposits which can be quite corrosive. An example is salt deposits from marine conditions. Solution: frequent washing down with fresh water”.

From Mico Metals Ltd (Nisshin Steel Co CF00194aE):

“a laboratory test simulating an even more severe marine environment – a sheltered area, where salt particles concentrate, 316 was badly stained”.

Frequent washing is not always practical so to counter the effects of salt particle buildup and consequent staining all Prolite® soffit luminaires are further processed:

- RND FL 316 SS- **Ni/Cr coated**. Also available in **Ni/ copper**. (RND FL 316 CO)
- RND TILT 316 SS- **Ni/Cr coated**. Also available in **Ni/ copper**. (RND TIL 316 CO)
- SQ RND 316 SS- **Ni/Cr coated**. Also available in **Ni/ copper**. (SQ FL 316 CO)
- SQ TILT 316 SS- **Ni/Cr coated**. Also available in **Ni/ copper**. (SQ TILT 316 CO)
- FL SS FTG- **Ferritic Marine Grade Electro Polished**. Also available in **solid copper**.

To help prevent moist air entering the roof space, heat cans should be used. **It is essential** that all fittings installed in high pressure zones, normally the seaward side of the building, are incorporated with SP316CAN. SP316CAN are an aid to seal air flow rather than allowing air movement like other heatcans. The FL SS WH/BL or FL CO WH/BL is complete with SP Heat can. Heat cans are not available to fit FL SS FTG or FL CO FTG.

It is strongly recommended that transformers with an IP rating of at least IP56 be used. Protecting all joints (with heat shrink or similar) from atmospheric salt is a good precaution.

A warranty of 5 years is extended **only if Prolite SP 316 CANS are utilized**.

Cut out size:

RND FL, RND TILT, SQ FL, & SQ TILT- 85mm. Covers 97mm.

With SP HEAT CANS- classification CA. Minimum vertical space 170mm

FL SS FTG or FL CO FTG- 63mm. Covers 78mm.

FL SS WH/BL or FL CO WH/BL 80mm. Covers 100mm. C/W CAN requires 150mm vertical..

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