



**SPECIALTY LIGHTING  
INDUSTRIES, INC.**

**MEMORANDUM**

From: Scott J Hershman

Date: 26 March 2008

Re: Specialty Lighting Industries - Suitability of Shower Lights for Steam Showers

There are no requirements set forth by the National Electric Code or Underwriters Laboratories specifically for shower lights. According to the NEC showers are considered damp locations unless the spray heads are directed at the ceiling. Accordingly a damp location fixture is all that is required. Local inspectors have the authority to overrule the NEC and some consider the shower a wet location. To address this SLI produces a range of sealed and gasketed shower lights that are listed for wet locations.

We are often asked if these fixtures can be used in a steam shower. Once again this is not covered in the NEC or UL regulations. Many manufacturers choose not to warranty their products for use in a steam shower because they are concerned about corrosion or some other failure of the product. Specialty Lighting Industries warrants its shower lights for use in a steam shower because we are confident in the materials and robustness of our products. All metal in our product is either aluminum or stainless steel, our sockets are of the highest quality and our transformers are remote or completely potted. Our fixtures are designed to withstand the rigors of this environment.

A criterion that must not be overlooked when specifying any of our recessed products is the temperature of the plenum. SLI fixtures are designed to operate in the thermal environment typically found in a plenum or attic space. Internal electronic components and thermal protectors are designed to de-energize the fixture when the ambient temperatures exceed 90 degrees Celsius. We do not recommend using our recessed products in plenums where temperatures will exceed 45 degrees Celsius. If the temperature of the shower plenum meets this criteria there are no known issues with using one of our shower lights in a steam shower.

Specialty Lighting Industries Shower lights.doc

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