

Environmental Durability APPLICATION Guide

Environmental Tests – 30mm Stacklights

Test Name	Description of Test
Surge Voltage	15% over maximum rated voltage applied for one minute.
Reverse Voltage	Not Applicable- parts are non-polar.
Intermittent RT Life	A duty cycle of 1 second on & 1 second off, for a minimum of 10,000 times at room temperature at maximum rated voltage.
Hot Life	250 hours continuous operation at maximum rated operating temperature and maximum rated voltage.
Cold Life	250 hours continuous operation at maximum rated operating temperature and minimum rated voltage.
Hot Storage	250 hours at maximum rated hot storage temperature (no voltage applied)
Cold Storage	250 hours at maximum rated cold storage temperature (no voltage applied).
Humidity	95% relative humidity @ 40C for 100 hours (no voltage applied).