

Product verification and reliability Report

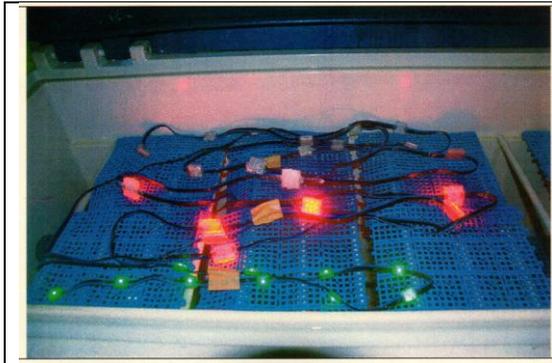
Product: VC-Dot Series

Date: 2017-03-16

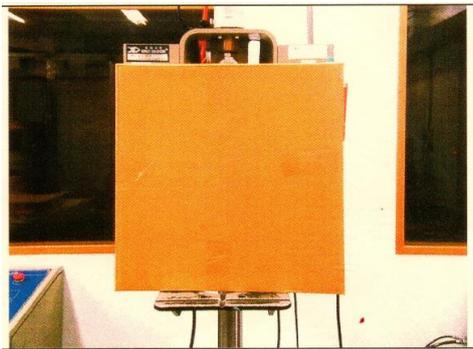


Test performed	Condition	Duration	Test lab	Result
<p>Solar Radiation and Moist Test Verification - method for exposing fixture to UV light in the presence of moisture to reproduce the weathering effects (temperature, humidity and/or wetting)</p> 	ISO 4892-2, cyclic no. 1, 102 mins. dry, 18 mins. water spray	1000 hour	Danish Technological Institute	Pass
<p>Cyclic Temperature Test Verification – verification of robustness against rapid ambient temperature changes</p> 	-25°C to +60°C	40 cycles	Martin	Pass
<p>Static Temperature test – verification of high temperature robustness</p>	80°	24 hours	Martin	Pass

				
<p>IP Class Test Verification – protection against intrusion of dust and water</p> <p>IPX7 Test</p> 	<p>IP X7, EN60529</p>	<p>30 mins / 1 m</p>	<p>ETC</p>	<p>Pass</p>
<p>Salt fog Test Verification - corrosion resistance of materials and surface coatings</p> 	<p>ASTM-B117, 5% NaCl, T=35°C / ISO12944, C5-M, Medium/low durability</p>	<p>720/1440 hours</p>	<p>King Design/ EKTOS</p>	<p>Pass</p>



Packing drop Test Verification – verification of robustness of product and packing



Nordtest method
NT ELEC M601;
Free fall: 1.2 m.
12 drops

NA

King Design

Pass

Packing bump and vibration test - verification of robustness of product and packing



Nordtest method
NT ELEC M404;
25g, 6ms / NTM-
104, 22 Hz – 100
Hz, 0,7 g

3 x 1000
(bump)
2 x 3 h.

King Design

Pass

Bo A. Poulsen

Report prepared and verified by:

Bo Horsted Poulsen, Senior Quality Engineer

Department:

Martin Professional, R&D QA

Date:

16-03-2017

Revision:

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