

# Laboratory Service PHYSICAL TEST REPORT



**R-Tech**  
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Member of Schröder Group

**Subject:** VOLTANA-2 16 led's @ 1A

Sample n°:

**Test purpose:** Tightness test IP66 following IEC/EN 60598-1 Standard

**Remarks:**

Test request n°: P-D14696

Folder n°: P-F14058

**TEST CONDITIONS:**

Operator: BOMBIL Patrick

Preconditioning: endurance test

| Test   | Result |
|--|--------|
| <b>IP6X</b> : -Luminaire switched ON until stable T°<br>-Talcum in suspension (blowing ON)<br>-After 1', luminaire OFF<br>-Talcum for 3 hours  | OK.    |
| <b>IPX6</b> : - Luminaire switched ON until stable T°<br>- Luminaire switched OFF and immediately sprayed with water jet<br>- Hose $\Phi$ 12,5 mm<br>- Water pressure: 1 kg/cm <sup>2</sup><br>- Spraying distance: 3 m<br>- Duration of test: 3 minutes | OK.    |

**CONCLUSIONS:**

VOLTANA-2 16 led's @ 1A satisfies the IP66 test following IEC/EN 60598-1 Standard.

Duplicate to: Mr M. Thijs  
LAB 23/09/2014  
J.P. Harchies

**//P-14E696**

A handwritten signature in blue ink, appearing to read "Patrick Bombil".