

# Laboratory Service PHYSICAL TEST REPORT



**R-Tech**  
Rue de Mons 3 – B-4000 Liège – Belgium  
Tel.: +32 4 224 71 40 – Fax: +32 4 224 25 90  
Member of Schröder Group

**Subject:** VOLTANA 0 – 8 led's – Flat glass protector

Sample n°: P-E16377, P-E16394

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

**Remarks:**

Test request n°: P-D16575

Folder n°: P-F16041

**TEST CONDITIONS:**

Operator: BOMBIL Patrick

VOLTANA-0 8 led's with flat glass protector

**Pre-conditioning:** endurance test

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

**CONCLUSIONS:**



VOLTANA-0 8 led's with flat glass protector complies with IP66 test following IEC/EN 60598-1 Standard.

Duplicate to: Mr M. Thijs  
LAB 21/11/2016  
L. Maghe

**//P-16CR575**