# 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 Schréder Group

Subject: SKIDO 6 led's

Sample n°: P-E15365

Test purpose: Thermal test evaluation @ 1.05A and 700mA following IEC/EN

60598-1 Std

Remarks:

Test request n°: P-D15544 Folder n°: P-F14083

## **TEST CONDITIONS:**

Operator: CLOSSET Frédérick

**Load**: 6 led's

**Driver**: Test 1A: Mean Well PLD-25-1050

Test 700mA: Mean Well PLD-16-700

Tc 70 °C

### **Measurement device:**

Yokogawa TX10: thermal measurement

Yokogawa WT 210: primary EM Fluke 87: secondary and led's EM

### **Junction Temperature measurement method**

Junction temperature measurement by base temperature measurement and electrical measurement.

 $T_j^o = T_b^o + R_{jb} \times P_{led}$ 

#### **CONCLUSIONS:**

Tq (IEC):  $25 \,^{\circ}$ C Tq (CEI):  $40 \,^{\circ}$ C

Tq given for driver full load

T° given without wind effect to comply with IEC 62722-2-1

Duplicate to: Mr M. Thijs

L. Maghe

LAB 01/07/2015

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