

# 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 – 6 led's NW @ 1050 mA

Sample n°: P-E16418

**Test purpose:** Photobiological safety tests following IEC-EN 62471 Standard

**Remarks:**

Test request n°: P-D17045

Folder n°: P-F16041

**TEST CONDITIONS:**

Operator: Laborelec

**VOLTANA 0 – 6 led's NW @ 1050 mA**



**Test program:**

Spectral radiance and irradiance measurements of the device under test in the following wavelength ranges:

- 200 to 400 nm : « Actinic UV skin & eye » irradiance
- 315 to 400 nm : « Eye UV-A » irradiance
- 300 to 700 nm : « Blue Light » radiance
- 380 to 1400 nm : « Thermal Retinal » radiance
- 780 to 1400 nm : « Thermal Retinal » radiance (weak visual stimulus)

Determination of the Risk Group classification for each hazard and recommendation about the marking of the product.

**CONCLUSIONS:**

RG2 @ 20 cm

RG1 @ 30 cm

Duplicate to: Mr Ph. Verbeeck

LAB 08/06/2017

G. Cheuvart

**//P-17CR045**

A handwritten signature in blue ink, appearing to read "Cheuvart", written over a blue circular stamp.