

LED Flux measurement

FORM-L-41 ED1 REV 0

Date : **24/03/2015**

Operator : **FC**

Filename : **2015_324.xml**



226 - TEST

LEDs

NBN EN ISO/IEC 17025 : 2005

Trademark : **LG Innotek**

Entry number : **35R036**

Type : **3535 Gen4**

Power (Catalogue) : **1.00** W

BIN Description : **X9-J32-9**

Flux : **160** lm/LED

Part number : **LLRMA97-25K400B**

Color or CCT (Theoretical) : **NW**

Number of LEDs : **8**

Lenses

Trademark : **None**

Type : **None**

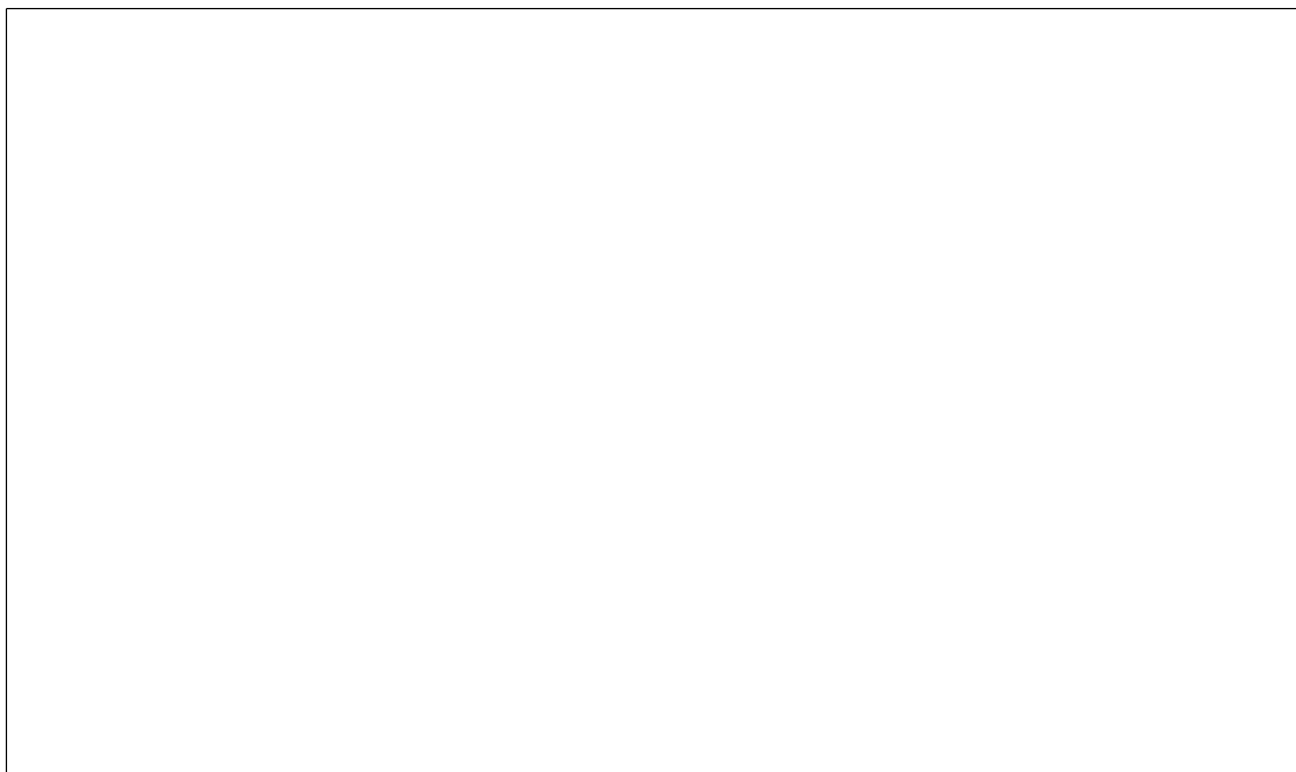
Power & Print

Type : **DELTA SM400-AR-4**

Print description : **8 leds voltana 1**

Active ☐

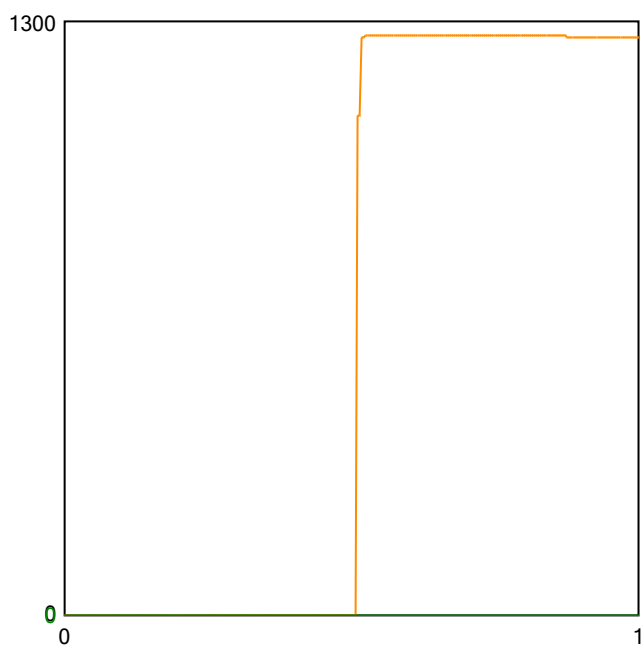
Picture



Sphere photometric measurement

Average flux : **625** lumens

Maximum flux : **1273** lumens



Position in sphere :



Electrical measurement

● Secondary electrical measurement

Voltage : **23.45** V

Current : **0.350** A

Power : **8.22** Watt

→ LEDs light efficiency at thermal stabilization :

76.0 lm/W

78.1 lm/Led

→ LEDs light efficiency at 25° :

154.8 lm/W

159.1 lm/Led

● Primary electrical measurement

Voltage : **N/A** V

Current : **N/A** A

Power : **N/A** Watt

Cos φ : **N/A**

→ Driver losses : **N/A** %

→ LEDS & Driver light efficiency :

N/A lm/W

Description :

Flux @25°/350mA CTR du 2015/146 après gonio - pcb N°2 - Voltana 1

Comment :

FORM-L-41 ED1 REV 0



226 - TEST

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Approved by :

LED 2015/324 2/3



Colorimetry

