LED Flux measurement

FORM-L-41 ED1 REV 2

226 - TEST

NBN EN ISO/IEC 17025 : 2005

Date : **16-01-19**

Operator : **FCE**

Filename : **2019_58.xml**

LEDs

Trademark : **Samsung**

Entry number : **39R005-2**

Type : **LH351C**

Power (Catalogue) : **0,00** W

Flux : **0** lm/LED

BIN Description : **40-70M-4-TB-RB**

Part number : **Unknown**

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

Number of LEDs : **8**

Lenses

Trademark : **None**

Type : **None**

Power & Print

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

Print description : **00-71-636 A - Voltana 1**

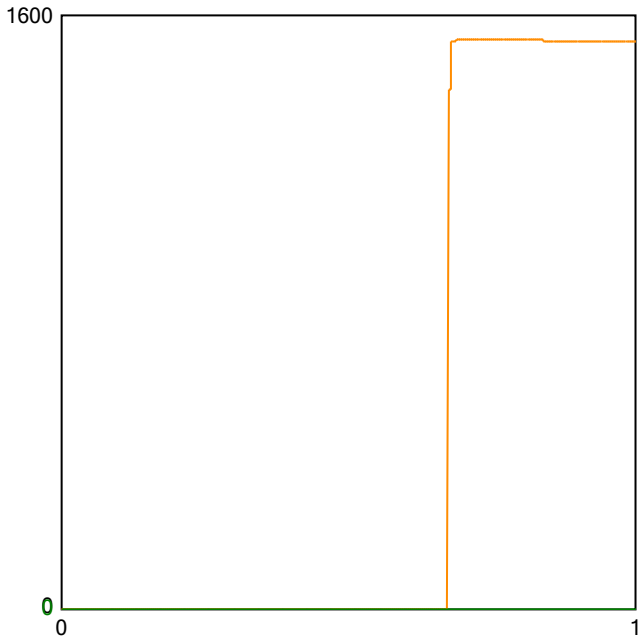
Active ☐

Picture

Digitally signed by Galciuc Igor
Date: 2021.09.23 09:14:45 EEST
Reason: MoldSign Signature
Location: Moldova

Sphere photometric measurement

Maximum flux : **1538** lumens



Operating condition

Position in sphere : 

Ambient sphere T ° : **24,3**

Electrical measurement

- Secondary electrical measurement

Voltage :	**22,37**	V
Current :	**0,350**	A
Power :	**7,82**	Watt

→ LEDs light efficiency at 25° :

196,6	lm/W
192,2	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 - pcb Voltana 1 - 8 Samsung LH351C - pcb N°2

Comment :

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Approved by :

Colorimetry

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