

Laboratory Service PHYSICAL TEST REPORT



R-Tech
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Member of Schröder Group

Subject: CITEA MINI NG 48 led's

Sample n°: P-E16015, P-E16098

Test purpose: Electrical measurements @ 350 & 500 mA

Remarks:

Test request n°: P-D16150

Folder n°: P-F16004

TEST CONDITIONS:

Operator: LEONARD Philippe

Load: 48 led's
2x 24 led's
Typical Vf: @ 350 mA: 2,89 V
@ 500 mA: 2,93 V

Driver: PHILIPS Xi LP 75 W 0.2-0.7A Si 230 V S240 sXt
Ref.: 9290 009 63206

Measurement device:

Yokogawa TX10: thermal measurements
Fluke Norma 4000 (HF Powermeter, User 10, filter OFF)

Power Supply:

Elga Tw 3500-4
Out 230 V 50 Hz

CONCLUSIONS:



Harmonics distribution complies with the IEC/EN 61000-3-2 Standard.

@ 350 mA:

- Efficiency: 90,0 %
- PF: 0,97
- THD: 7,4 %

@ 500 mA:

- Efficiency: 92,2 %
- PF: 0,98
- THD: 6,5 %

Duplicate to: Mr M. Thijs
LAB 09/03/2016
L. Maghe

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A handwritten signature in blue ink, appearing to read "Maghe".