

# Test report summary

Tested for: Lion Laboratories Limited  
Ty-Verlon Industrial Estate, Barry, Vale of Glamorgan  
CF63 2BE Wales, UK

Tested by: MHF International Road Safety Test Lab  
Storgatan 3  
SE-543 31 Tibro Sweden

Subcontractor: Abtest Limited, 3C Test Ltd

Product name: Lion DS-20

Serial number: A:1766 C: 1768 E:1763  
B:1767 D: 1762 F:1764

Test Standard: **EN 50436-1:2005**

Classification: 4.11 EMC The tests according to the e-MARK 72/245/EEC as last amended by 2009/19/EC, e11\* 72/245\*2009/19\*7560\*00  
4:12 Electrical disturbances, class A  
4:13 Type of protection: IP40  
8.3.1 Temperature cycles, code A  
8.1.1-8.1.3, 8.4.2, 8.4.4 approved for 12 V and 24 V  
8.13 Long term behavior (test) 12 month

Test report no: 1127

Test results: **Approved** In all tests according to EN 50436-1:2005. With classification according to the specifications above.

Tibro 2013 03 19



**Tomas Jonsson**  
Test leader



**Ph.D Lars Olov Sjöström**  
Quality leader