



Communication concerning approval granted of a type of electrical/electronic sub-assembly with regard to Regulation No 10

Approval No:	04190 <u>Extension 1</u>
1. Make: (trade name of manufacturer)	Mobitec / Lawo
2. Type and general commercial description:	MobiLED Ultima Alternative commercial name Lawo Futura
3. Means of identification of type, if marked on the component:	Product name and article number on label
3.1. Location of that marking:	Back side of unit
4. Category of vehicle:	N/A
5. Name and address of manufacturer:	Mobitec AB Box 97 SE-524 21 Herrljunga
6. Location and method of affixing the ECE approval mark:	See item 3
7. Address(es) of assembly plant(s):	See item 5
8. Additional information:	See appendix
9. Technical service responsible for carrying out the tests:	SP Technical Research Institute of Sweden Box 857 SE-501 15 BORÅS
10. Date of test report:	2013-11-21, <u>2014-01-09, 2014-01-09, 2014-01-09</u>
11. Number of test report:	3P03057-E2, <u>3P09087A, 3P09087B, 3P09087C</u>
12. Remarks (if any):	See appendix
13. Place:	Borlänge
14. Date:	2014-02-21
15. Signature:	 Bo Nilsson



16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

- Information document 03150-R2, dated 2014-01-20 5 pages
- Test report 3P03057-E2, dated 2013-11-21, 45 pages
- Test report 3P09087A, dated 2014-01-09, 38 pages
- Test report 3P09087B, dated 2014-01-09, 30 pages
- Test report 3P09087C, dated 2014-01-09, 37 pages

Appendix to type approval communication form No: 04190 Extension 1
Concerning the type approval of an electrical/electronic
sub-assembly under Regulation No. 10

1. Additional information
 - 1.1. Electrical system rated voltage: 12 V / 24 V Negative ground
 - 1.2. This ESA can be used in any vehicle type with the following restrictions: N/A
 - 1.2.1. Installation conditions: N/A
 - 1.3. This ESA unit can be used only in the following vehicle types: N/A
 - 1.3.1. Installation conditions: N/A
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: ISO 11 452-4, 20-200 MHz
ISO 11 452-2, 200-800 MHz
ISO 11 452-2, 800-2000 MHz
 - 1.5. Approved laboratory responsible for carrying out the test: SP Technical Research Institute of Sweden
Box 857
SE-501 15 BORÅS

2. Remarks:

MobilED-Ultima:

LG 2000000, LG 2010000, LG 2020000,
LG 2050000, LG 2060000, LG 2070000.
LG 2090000, LG 2100000, LG 2110000,
LG2150000 , LG 2160000, LG 2170000,
LG 2180000 and LG2190000

Lawo Futura:

Maeza 16028.61-50.99
Maeza 16084.61-50.99
Maeza 16112.61-50.99
Maeza 16128.60-50.99
Maeza 26048.63-50.99
Maeza 26192.63-50.99
Maeza 26216.62-50.99
