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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 2/05

COMMUNICATION CONCERNING THE APPLICATION OF THE COUNCIL DIRECTIVE OF 20 JUNE 1972 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO A TYPE OF COMPONENT WITH REGARD TO RADIO INTERFERENCE SUPPRESSION (72/245/EEC) AS LAST AMENDED BY 2005/83/EC.

Type Approval No: e11*72/245*2005/83*4030*01

EC type-approval mark to be affixed on ESA: e11 034030

Reason for Extension: To cover addition of new model name/numbers

SECTION I

0.1 Make (trade name of manufacturer): Woodway Engineering Limited

0.2 Type: LED Lightbars and Remote Heads

0.3 Means of identification of type, if marked on the component:

2", 4" & PAR36 ROUND REMOTE LED LIGHT HEADS:

T0*00F_, T0*00M_, T0CACCC_, 2E*00Z*, 2F*00Z*, 20*00F*, 20R00BR_,
20R00XR_, 20A00AA_, 20C00WC_, 20C0ACC_, 20*0BC*, 20C0BCC_, 20C0CCC_,
2G*00F_, 2GR01BR_, 2GR00BR_, 2GR00XR_, PAR36L*, 360CLXR_, 360CLMR_

400 SERIES REMOTE LED LIGHT HEADS:

40**5S*, 40*02Z*, 40*00F*, 40R00XR_, 40R00BR_, 40A00AA_, 40C00VC_, 40*HU0*U

500 SERIES REMOTE LED LIGHT HEADS:

50*00F*, 5S*00F*, 50*02Z*, 5V*02Z*, 50*03Z*, 5SC000Z_, 5SR00XR_, 5SC00WC_,
5SA00MA_, 5SR00MR_, 5SCA0CC_, 50*00Z*, 50C000Z_, 50R00XR_, 50C00WC_,
50A00MA_, 50R00MR_, 5G*00F_, 5GR01BR_, 5GC0ACC_, 5GC0CCC_,

600 SERIES REMOTE LED LIGHT HEADS:

60*00F_, 60A00TA_, 60*00A*, 60R00X*, 60R00BR_, 60C00VC_, 60C00WC_,
60**SF_, 60*02S*, 60*02F*, 60**6F_

700 SERIES REMOTE LED LIGHT HEADS:

70*02S_, 70*02F_, 70**6F_, 70*00F*, 70*00Z*, 70RBSFJ_, 70RCSFD_, 70R00BR_,
70R00X*, 70C00VC_, 70C00WC_, 70A00AA_, 70A00T*, 70ARSF_

900 SERIES REMOTE LED LIGHT HEADS:

90**5S*, 90**5F*, 90*00F*, 90A00T*, 90R00B*, 90R00XR_, 90C00WC_,
90ARSFC_, 90RRSFR_

STRIP LIGHT REMOTE LED LIGHT HEADS:

PS*00F*R, PSRASXCR, PSR00XRR, PSCABCCR, PSCACCCR, PSTANK

TIR3 & LINEAR3 SERIES REMOTE LED LIGHT HEADS:

RS*03Z*, RV*03Z*, RS*02Z_



HELSEL SERIES REMOTE LED LIGHT HEAD:

HELSEL*

TRAFFIC ADVISORS, LED:

TAD6, TAD8, TAD8**, TAM63, TAM83, TAM83**, TAL65, TAL85, TAL85**, TAM65,
TAM85, TAM85**, TA837L, TA837L**, TA837M, TA837M**, TA4437L, TA4437M, TA870L,
TA1652L, TA1660L, TADCTL1

MICRO EDGE SERIES LED LIGHTBARS:

MCFLLED2*, MC40ED3A, MC40ED4A, MCSLED2*, MCSLED3*, MCSLED4*

FREEDOM SERIES LED LIGHTBARS:

Base Lightbar: FT8****_, FTD****, FL\$****, FX\$****,

Options: FLD**, FLDD*, 9L*FL, 9LD*FL, FLTDLED, FLALLED, FLCRUZ**, FLAM1**,
FLT*46LL, FLT*45LL, FLT*LN5L, FLT*LN6L, FLH*46LL, FLH*45LL, FLH*LN5L, FLH*LN6L,
OPTCONV-FL, SA40, FLH2**, FLTDM8, FLAM6, FLALY, FXAM1, ZEO1701_

MESSENGER PROGRAMMABLE LED SIGNS:

MGMO1_, MGM02_, MGC01_, MGCO2_

LIBERTY SERIES LED LIGHTBARS:

Base Lightbar: LT2****_, SL\$****, SX\$****,

Options: SLD**, LL_L**, LL_M**, SLTM2M*, SLAM1**, SLT*LN5L, SLT*LN6L, OPTCONV-
SL, SLH2**, SLTDM1, SLTM2S*, SLTM2M*, SXAM1, SLALY, ZEO1701_

4500 SERIES LED LIGHTBARS:

Base Lightbar: 45FL\$**,

Options: 45FLD-*_, 45FLD-D*, 45CL*, 45FL*, 45LFLASH, 45LFLASC, 45ADDHAL4,
45ADDHAL7, 45FLH2CC

LED COMPARTMENT LIGHT: 01-0664962D03, 01-0664962D06, 01-0664962-03, 01-
0664962-06

CLEARANCE & MARKER LIGHTS: 0S*00MCR, 0S*00FCR

500 SERIES REMOTE LED LIGHT HEADS: 50**2ZCR, 5V**2ZCR, 50**3ZCR,

700 SERIES LED DOME LIGHT: 01-0664263-

FREEDOM SERIES LED LIGHTBARS: Base Lightbar: FV\$****, FWS****,

LIBERTY SERIES LED LIGHTBARS: Base Lightbar: SWS****

FREEDOM/LIBERTY SERIES ECE65 FLASHER: HRL2100

RESPONDER HD SERIES MINI LIGHTBARS: R9HD_*, R10HD_*

GUARDIAN SERIES MINI LIGHTBARS: G8 SERIES, G9 SERIES

* Indicates LED/LENS colour. Replace with: A=AMBER, B=BLUE, C=WHITE/CLEAR,
G=GREEN, R=RED.

_ Indicates a none EMC related part number component such as mounting type, connector
type, dome height etc.

\$ Indicates a part number component representing the lightbar length.

0.3.1 Location of that marking: Label on top or base of unit

0.5 Name and address of manufacturer:

Woodway Engineering Limited
Lower Road
Barnack
Coventry
CV7 9LD
United Kingdom

Name and address of authorised representative, if any: Not applicable



0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: Part of label noted in section 0.3.1 or separate label

0.8 Address(es) of assembly plant(s):

Woodway Engineering Limited
Lower Road
Barnacle
Coventry
CV7 9LD
United Kingdom

Whelen Engineering
Route 145
Winthrop Road
Chester
CT 06412
United States of America



APPENDIX

to EC Type Approval Certificate No: e11*72/245*2005/83*4030*01

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended by Directive 2005/83/EC

1. Additional information
 - 1.1 Electrical system rated voltage: 12/24 Volts dc
 - 1.2 This ESA can be used on any vehicle type with the following restrictions: Negative 12/24 Volts dc
 - 1.2.1 Installation conditions, if any: See manufacturer's documentation
 - 1.3 This ESA can only be used on the following vehicle types: Not applicable
 - 1.3.1 Installation conditions, if any: Not applicable
 - 1.4 The specific test method(s) used and the frequency ranges covered to determine immunity were (please specify precise method used from Annex 1X): 20 to 400MHz BCI @ 60 m-Amps, 400 to 2000MHz @ 30 V/m free field
 - 1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: SGS Durham

5. Remarks: None

(1) *Delete as applicable*

(2) *If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document/type-approval certificate, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).*

