

AS/NZS 62386.105:2021



Australian/New Zealand Standard™

# Digital addressable lighting interface

**Part 105: Particular requirements for control gear and control devices  
— Firmware transfer (IEC 62385-105:2020 (ED.1.0) MOD)**



AS/NZS 62386.105:2021

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee EL-041, Lamps and Related Equipment. It was approved on behalf of the Council of Standards Australia on 09 August 2021 and by the New Zealand Standards Approval Board on 04 August 2021.

This Standard was published on 3 September 2021.

The following are represented on Committee EL-041:

Australian Industry Group  
Better Regulation Division (Fair Trading, Safework NSW, TestSafe)  
CHOICE  
Consumer Electronics Suppliers Association  
Consumers Federation of Australia  
Department of Industry, Science, Energy and Resources  
Electrical Compliance Testing Association of Australia  
Electrical Regulatory Authorities Council  
Energy Efficiency and Conservation Authority of New Zealand  
Energy Efficiency Council  
IES: The Lighting Society  
Joint Accreditation System of Australia and New Zealand  
Joint Accreditation System of Australia and New Zealand —New Zealand  
Lighting Council Australia  
Lighting Council New Zealand  
Master Electricians Australia  
Master Electricians NZ  
WorkSafe New Zealand

This Standard was issued in draft form for comment as DR AS/NZS 62386.105:2021.

### **Keeping Standards up-to-date**

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

[www.standards.org.au](http://www.standards.org.au)

[www.standards.govt.nz](http://www.standards.govt.nz)

ISBN 978 1 76113 493 7

Australian/New Zealand Standard™

# Digital addressable lighting interface

**Part 105: Particular requirements for control gear  
and control devices — Firmware Transfer (IEC  
62385-105:2020 (ED.1.0) MOD)**

First published as AS/NZS 62386.105:2021.



© IEC Geneva Switzerland 2021 — All rights reserved

© Standards Australia Limited/the Crown in right of New Zealand, administered by the New Zealand Standards Executive 2021

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of either the IEC or the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth) or the Copyright Act 1994 (New Zealand). If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please see the contact details on the back cover or the contact us page of the website for further information.

## Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-041, Lamps and Related Equipment.

The objective of this document is to specify requirements for firmware transfer for control gear and control devices.

Typically, a bus unit according to IEC 62386 (all parts) contains firmware. There are circumstances where it might be necessary to change the firmware after production or shipping of the product.

For example, if the bus unit does not operate as intended. In such a case, a firmware update of a bus unit via the interface is beneficial.

This firmware update process is primarily designed to be a bug fix process, not a feature extension process. Nevertheless, the firmware update process can be used for feature extensions. But it is important that the risk of negative effects to the complete system is considered in detail.

This document is an adoption with national modifications, and has been reproduced from, IEC 62386-105:2020, *Digital addressable lighting interface — Part 105: Particular requirements for control gear and control devices — Firmware transfer*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix ZZ](#) lists the variations to IEC 62386-105:2020 for the application of this document in Australia and New Zealand.

As this document has been reproduced from an International Standard the following applies:

- (a) In the source text “this part of 62386” should read “this document”.
- (b) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

## NOTES

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-