



## New Standards & Editions

### C862-01, 3rd edition

*Performance of Incandescent Reflector Lamps* . . . . . \$50

This standard describes testing procedures and states the performance requirements for general service incandescent reflector lamps.

It includes performance requirements for wattage, lamp efficacy, centre-beam intensity, and rated life.

This standard applies to incandescent reflector lamps designed for general lighting use that have all of the following characteristics:

- a rated wattage between 40 W and 205 W, inclusive
- a rated voltage or voltage range that is at least partially between 100 and 130 V
- an E26/24 single contact, or E26/50x39 skirted, medium screwbase
- a bulb diameter greater than 70 mm.

### CAN/CSA-C61215-01, 1st edition

*Crystalline Silicon Terrestrial Photovoltaic (PV) Modules—Design Qualification and Type Approval* (Adopted CEI/IEC 1215:1993, 1st edition, 1993-04) . . . . . \$105

This standard specifies requirements for the design qualification and type approval of terrestrial photovoltaic modules suitable for long-term operation in general open-air climates, as defined in IEC 721-2-1. It applies only to crystalline silicon types. (Standards for thin-film modules and other environments, such as marine or equator conditions, are under consideration.)

This standard does not apply to modules used with concentrators.

The object of this test sequence is to determine the electrical and thermal characteristics of the module and to show, as far as possible within reasonable constraints of cost and time, that the module is capable of withstanding prolonged exposure in climates described in the scope. The actual lifetime expectancy of modules so qualified will depend on their design, their environment and the conditions under which they are operated.

## Nouvelles parutions en français

### CAN/CSA-C61215-01, 1<sup>re</sup> édition

*Modules photovoltaïques (PV) au silicium cristallin pour application terrestre—Qualification de la conception et homologation* (norme CEI/IEC 1215:1993 adoptée, première édition, 1993-04) . . . . . 105 \$

Cette norme donne les exigences sur la qualification de la conception et l'homologation de modules photovoltaïques pour application terrestre et pour une utilisation de longue durée dans les climats généraux d'air libre, définis dans la CEI 721-2-1. Elle s'applique uniquement aux modules au silicium cristallin. Les normes pour les modules à couche mince et pour d'autres conditions d'environnement, telles que les conditions marines ou à l'équateur, sont à l'étude.

Elle ne s'applique pas aux modules utilisés avec concentrateurs.

L'objet de cette séquence est de déterminer les caractéristiques électriques et thermiques du module et de montrer autant que possible des contraintes de coût et de temps raisonnables, que le module est apte à supporter une exposition prolongée aux climats définis dans le domaine d'application. L'espérance de vie réelle des modules ainsi qualifiés dépendra de leur conception ainsi que de l'environnement et des conditions dans lesquels ils fonctionneront.

## Amendments

### CAN/CSA-C360-98

*Energy Performance, Water Consumption, and Capacity of Automatic Household Clothes Washers*

Revision of the outside and inside front cover, and the title page.

### CAN/CSA-C368.1-M90

*Performance Standard for Room Air Conditioners*

Revision of Clauses 1.3, 2.1, 2.2 and 8, and Table 1. Addition of Table 2.

### CAN/CSA-Z245.1-98

*Steel Line Pipe*

Revision of the outside and inside front cover, and the title page.



## Amendments (cont'd)

CAN/CSA-Z245.20-98/Z245.21-98

*External Fusion Bond Epoxy Coating for Steel Pipe/  
External Polyethylene Coating for Pipe*

Revision of the outside and inside front cover, and the title pages.

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## Modifications publiées en français

CAN/CSA-C360-98

*Rendement énergétique, consommation d'eau et capacité des machines à laver électrodomestiques*

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, ainsi qu'à la page titre.

CAN/CSA-Z245.1-98

*Tubes en acier pour canalisations*

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, ainsi qu'à la page titre.

CAN/CSA-Z245.20-98/Z245.21-98

*Enduit extérieur en époxyde thermofusible pour tuyaux en acier/ Enduit extérieur en polyéthylène pour tuyaux*

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, ainsi qu'aux pages titres.

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## Proposed New Projects

For more information about the proposed development of the following new editions, contact Sam Loggia at 416-747-2575 or sam.loggia@csa.ca:

- **C360, 5th edition**  
*Energy Performance, Water Consumption, and Capacity of Automatic Household Clothes Washers*
- **C657, 2nd edition**  
*Energy Performance Standard for Commercial Refrigerated Display Cabinets and Merchandisers*

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## Drafts

**Please note:** Public comments about the draft standards and proposed amendments listed in this issue are due by January 7, 2002.

To receive copies of the following draft, or to offer comments, contact Lidwina Kumar at 416-747-4188 or lidwina.kumar@csa.ca:

- **C653, 3rd edition**  
*Performance Standard for Roadway Lighting Luminaires*

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## Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **B346-M1980 (R1996)**  
*Power-Operated Dispensing Devices for Flammable Liquids*

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## Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca.

- **B140.2.3-M1981 (R1998)**  
*Replacement Burners and Replacement Combustion Heads for Residential Oil Burners*



## Status of CSA Standards Projects

**TYPE:** ns new standard; ne new edition; spec special publication; p preliminary standard.

**STATUS:** 1 The project is under initial evaluation.

2 The technical content is being drafted.

3 The draft is undergoing an internal quality audit by CSA.

4 The publication is being processed for formal letter-ballot approval.

5 The approved publication will be for sale within 2–3 months.

H The publication is on hold.

C The publication has been cancelled. It will be removed from the next status report.

SUBJECT	NUMBER	TYPE	STATUS
<b>Performance, Energy Efficiency, and Renewables</b>			
Performance Standard for Dusk-to-Dawn Luminaires	C239	ne	4
Energy Consumption Test Methods for Household Electric Ranges	C358	ne	2
Energy Performance, Water Consumption, and Capacity of Automatic Household Clothes Washers	C360	ne	1
Test Method for Measuring Energy Consumption and Drum Volume of Electrically Heated Household Tumble-Type Clothes Dryers	C361	ne	2
Energy Efficient Test Methods for Three-Phase Induction Motors	C390	ne	1
Design and Installation of Earth Energy Heat Pump Systems for Commercial, Industrial, Residential and Other Small Buildings (Note: This formerly appeared as C445.)	C448	ne	4
Performance Standard for Roadway Lighting Luminaires	C653	ne	1
Energy Performance Standard for Commercial Refrigerated Display Cabinets and Merchandisers	C657	ne	1
Performance Standard For Rating Packaged Water Chillers	C743	ne	3
Energy Efficiency for Single- and Three-phase Small Motors	C747	ne	H
Maximum Losses for Power Transformers	C802.3	ns	5
Small Fluid Pumps	C820	ns	4
Performance of Internally Lighted Exit Signs	C860	ne	5
Performance of Ballast for Use With High Intensity Discharge Lamps	C863	ns	2
Residential Mechanical Ventilation Systems	F326	ne	2
<b>Fire Safety and Fuel Burning Equipment</b>			
Installation Code for Oil Burning Equipment	B139	ne	1
General Requirements for Oil Burning Equipment	B140.0	ne	4
Oil Fired Furnaces	B140.4	ne	1
Oil Fired Steam and Hot Water Boilers for Residential Use	B140.7.1	ne	1
Oil Fired Steam and Hot Water Boilers for Commercial and Industrial Use	B140.7.2	ne	1
Oil Fired Warm Air Heating Appliances for Mobile Housing and Recreational Vehicles	B140.10	ne	1
Oil-Fired Service Water Heaters and Swimming Pool Heaters	B140.12	ne	3
Mechanical Flue-Gas Exhausters	B255	ne	2
Installation and Maintenance of Farm Stand-by Electric Power	C679	ns	4
<b>Nuclear</b>			
General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants	N285.0	ne	4
Periodic Inspection of CANDU Nuclear Power Plant Components	N285.4	ne	3



<b>SUBJECT</b>	<b>NUMBER</b>	<b>TYPE</b>	<b>STATUS</b>
Material Standards for Reactor Components for CANDU Nuclear Power Plants (This series consists of N285.6.1–N285.6.11.)	N285.6 Series	ne	2
Technical Requirements for In-Service Evaluation of Zirconium Alloy Pressure Tubes in CANDU Reactors	N285.8	ns	3
Management System Requirements for Nuclear Power Plants	N286.0	ne	3
Requirements for Environmental Qualification of Equipment for CANDU Nuclear Power Plants	N290.13	ns	4
Fire Protection for CANDU Nuclear Power Plants	N293	ne	1
<b>Oil &amp; Gas Industry Systems</b>			
Steel Line Pipe	Z245.1	ne	4
Coiled Aluminum Line Pipe and Accessories	Z245.6	ne	4
External Fusion Bond Epoxy Coating for Steel Pipe	Z245.20	ne	4
External Polyethylene Coating for Pipe	Z245.21	ne	4
Liquefied Natural Gas (LNG)–Production, Storage, and Handling	Z276	ne	5
Storage of Hydrocarbons in Underground Formations	Z341	ne	3
Oil and Gas Pipeline Systems	Z662	ne	2