

## STANDARD INFORMATION

**Standard:** CSA C22.2 No. 250.570

**Standard ID:** Track Lighting [CSA C22.2#250.570:2024 Ed.2]

**Previous Standard ID:** Track Lighting (R2020) [CSA C22.2#250.570:2016 Ed.1]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **October 1, 2026**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

### Overview of Changes:

- Revisions for movable joints containing conductors
- Revisions for track adaptors
- Indoor use only and track luminaires with fluorescent ballasts or metal halide lamps
- Tests for connectors and end covers

Specific details of new/revise requirements are found in table below

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
5	Info	<b>Mechanical construction</b>
		<b><i>New section added;</i></b>
5.12		<b>Movable joints</b>
5.12.1		A movable joint containing 18 AWG or larger conductors shall comply with CSA C22.2 No. 250.0, Clause 5.12.
5.12.2		A movable joint containing conductors less than 18 AWG but not smaller than 24 AWG shall be capable of withstanding 500 cycles of motion, linear or rotational, in accordance with the movable joint rotation test of CSA C22.2 No. 250.0, Clause 17.19.
8	Info	<b>Fluorescent luminaires — Supplementary requirements</b>
8.2	Info	<b>Ballasts</b>
		<b><i>New clause added;</i></b>
8.2.1		A fluorescent luminaire shall use a thermally protected ballast except a non-thermally protected simple reactance ballast may be used with straight tubular lamps.
17	Info	<b>Mechanical tests</b>
17.105	Info	<b>Strength of adaptor/luminaire assembly test</b>
17.105.2		A weight equivalent to the force of 45 N <u>or a weight equal to twice the weight of the luminaire, whichever is greater</u> , shall be suspended from the luminaire for 1 min.
		<b><i>New clause added;</i></b>
17.105.3		An assembly of adaptor and luminaire that is manufactured as a one-piece assembly shall be subjected to a weight equal to twice the weight of the luminaire, suspended from the luminaire for 1 min.
17.106	Info	<b>Connector strength test for use in pendant-mounted track</b>
		<b><i>New clause added;</i></b>
17.106.1		A connector shall be joined between two track sections, and an end feed connector shall be installed on one end of a track section. The assembly shall be placed horizontally on supports spaced at least 1.2 m (4 ft) apart or the intended spacing in accordance with the installation instructions, with the connector in the centre.



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17.106.2		A 90 N force shall be applied for 1 min by means of a weight suspended <del>from the connection</del> <u>at a point located 12.7 mm (1/2 in) from the connector. The location of the suspended weight shall be fixed in position if it is likely to move position as a result of track distortion.</u>
		<b><i>New clause added;</i></b>
17.106.4		The test of Clause 17.106.1 through 17.106.3 shall be repeated for each pair of connection points on the connector.
17.107.8	Info	<b>Polarity test</b>
		<b><i>New clause added;</i></b>
17.107.8.1		One end of each bus bar that may make electrical contact with a connector or adaptor during this test shall be connected to a lead of an ohmmeter. The ohmmeter shall be used to determine if an open circuit is maintained during the test.
		Test results are acceptable if
17.108.4		a) the components remain assembled; b) <u>there is no damage to the track, connectors or adaptors;</u> c) <u>there is no distortion that reduces electrical spacings below those required in Clause 6.12; and</u> d) <u>there is no evidence of a permanent electrical connection being made between the bus bars and ohmmeter;</u>
17.110	Info	<b>Field cutting and drilling test</b>
1.110.1		A section of track shall be cut and/or drilled in accordance with the manufacturer's instructions. <u>Each connector, adaptor, or end cover intended to be inserted into the track shall be installed, and any mounting hardware shall be installed with the drilled hole.</u>
		<b><i>New clause added;</i></b>
17.110.2		Test results are acceptable if there is no distortion or damage that reduces electrical spacings below those required in Clause 6.12.



CLAUSE	VERDICT	COMMENT
18	Info	<b>Electrical tests</b>
18.101	Info	<b>Bond impedance test for track systems</b>
18.101.1		<p>A track system shall be assembled consisting of four sections of track, 0.51 m (20 in) long, connected together with three intercept connectors. <u>An X-shaped or T-shaped connector shall be connected such that a straight-line configuration exists between track sections. A feed connector shall be connected to each end of the track system assembly. A floating feed connector shall be connected such that there is 25.4 mm (1 in) between the closest electrical connection point and the end of the track.</u></p> <p>A luminaire shall be connected to one of the track sections <u>such that there is 25.4 mm (1 in) between the closest electrical connection point and the end of the track.</u> The components assembled shall be selected by conducting resistance measurements to find those having the highest bonding path resistance from other possible parts of the system. The bonding impedance of the track system shall be tested with each applicable luminaire model.</p>