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Photoelectric controls for public lighting

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by Japanese Standards Association (JSA), an accredited standards development organization. This edition replaces the previous edition (**JIS C 8369**: 2012), which has been technically revised.

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Photoelectric controls for public lighting

1 Scope

This Japanese Industrial Standard specifies the requirements for the photoelectric controls for public lighting (hereafter referred to as a PC switch) of an integral system or a separate system with a rated voltage 100 V or 200 V, intended for use as a single unit in general outdoor places under a.c. single-phase two-wire system.

Herein, general places do not include the following.

- a) Places where corrosive gases exist
- b) Places where salt damage is anticipated such as seashore
- c) Places where it is always high temperature or high humidity

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent editions (including amendments) shall be applied.

JIS B 7507	Vernier, dial and digital callipers
JIS C 0920 :	2003 Degrees of protection provided by enclosures (IP Code)
JIS C 1302	Insulation resistance testers
JIS C 1609-1	Illuminance meters Part 1 : General measuring instruments
JIS C 3307	600 V Polyvinyl chloride insulated wires
JIS C 3317	600 V Grade heat-resistant polyvinyl chloride insulated wires
JIS C 3612	600 V Flame retardant polyethylene insulated wires
JIS C 7501	Tungsten filament lamps for domestic and similar general lighting
	purposes
JIS C 7527	Tungsten halogen lamps (non-vehicle) — Performance specifications
JIS C 7601	Fluorescent lamps for general lighting service
JIS C 7604	High-pressure mercury vapour lamps — Performance specifications
JIS C 8300 :	2019 General safety requirements for wiring devices
JIS C 8303 :	2007 Plugs and receptacles for domestic and similar general use
JIS C 8306 :	1996 Testing methods for wiring devices
JIS C 8330	Fittings for rigid metal conduits