

05-14 – 2021

504.9, 504.9.1, 504.9.2

Proponent: Kimberly Paarlberg, International Code Council

Revise text as follows:

**SECTION 504
STAIRWAYS**

504.9 Lighting. Lighting for interior stairways shall comply with Section ~~504.9~~ 1008.2 of the International Building Code.

~~**504.9.1 Illumination level.** Lighting facilities shall be capable of providing illuminance of stairs measured at the center of tread surfaces and on landing surfaces within 24 inches (610 mm) of step nosings as follows:~~

- ~~1. A 1 foot candle (10.8 lux) minimum illumination at times other than conditions of stair use~~
- ~~2. A 10 foot candle (108 lux) minimum illumination during conditions of stair use~~
- ~~3. The transition from 1 foot candle (10.8 lux) to 10 foot candle (108 lux) under conditions of stair use shall be permitted to be achieved by automatic, motion sensor-type lighting switches provided the switch controllers comply with all of the following:~~
 - ~~3.1 The switch controllers are equipped for fail safe operation and evaluated for this purpose~~
 - ~~3.2 The motion sensor is activated by occupant movement on the stair or stair landings~~
 - ~~3.3 The illumination timers are set for a minimum 15 minute duration.~~

~~**504.9.2 Lighting controls.** If provided, occupancy sensing automatic controls shall activate the stairway lighting so the illuminance level required by Section 504.9.1 is provided on the entrance landing, each stair flight adjacent to the entrance landing, and on the landings above and below the entrance landing prior to any step being used.~~

REASON: This proposal is not intended to remove this requirement, but rather to reference the more complete requirements in the IBC. The requirement in the IBC are for interior exit access and exit stairways and exterior exit stairways – current A117.1 is only interior. The IBC has a reasonable exception for stepped aisles in auditoriums and theaters during a performance – the ICC A117.1 does not have this exception. The IBC Section 1008.2.1 required 1 foot candle on the stairways and landings when the building is occupied, and 10 foot candles when the stairway and landings are in use. There are more extensive provision for lighting controls in the International Energy Conservation Code in Section C405.2.2.1.

05-14 – 2021 modification

Proponent: Kimberly Paarlberg, International Code Council

Further revise text as follows:

SECTION 106 REFERENCED DOCUMENTS

106.2.5 International Building Code. International Code Council (ICC) International Building Code-2024.

Reason: A reference to IBC would require this to be a referenced standard in Section 106.

Committee Action: AS AM D **504.6-PAARLBERG.doc**

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| Report for 05-14– 2021 | | |
| <i>Committee decision: AS/AM/D</i> | <i>Committee Vote at Meeting:</i> | <i>Committee Vote on Ballot:</i> |
| REPORT OF HEARING: | | |
| Modification (if any): | | |
| Committee Reason: | | |
| PUBLIC COMMENT- FIRST DRAFT: | | |
| Proponent: | | |
| Desired Action: | | |
| Modification: | | |
| Reason: | | |
| <i>Committee decision: AS/AM/D</i> | <i>Committee Vote at Meeting:</i> | <i>Committee Vote on Ballot:</i> |
| REPORT OF HEARING – FIRST DRAFT | | |
| Modification (if any): | | |
| Committee Reason: | | |
| PUBLIC COMMENT- SECOND DRAFT: | | |
| Proponent: | | |
| Desired Action: | | |
| Modification: | | |
| Reason: | | |
| <i>Committee decision: AS/AM/D</i> | <i>Committee Vote at Meeting:</i> | <i>Committee Vote on Ballot:</i> |
| FINAL ACTION: | | |
| Modification (if any): | | |
| Committee Reason: | | |
