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National Lighting Contractors Association of America

NLCAA 2022 NRCA Form Submission

- NRCA-LTI-02-A
- NRCA-LTI-03-A
- NRCA-LTI-04-A
- NRCA-LTI-05-A
- NRCA-LTO-02-A

Note: Page numbers to be added after further software development

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SHUT-OFF LIGHTING CONTROL ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-02-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-02-A
Shut-Off Lighting Control Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
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Building:	Floor:	Room:

☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

Automatic Time Switch Lighting Controls

A-1. Automatic Time Switch Lighting Controls Construction Inspection

Step	Entry	Item	Code Reference
1	☐	The automatic time switch controls are shown on plan documents and are installed.	NA7.6.2.5(a)
2	☐	Automatic time switch controls are programmed with acceptable weekday, weekend, and holiday (if applicable) schedules.	NA7.6.2.5(b) §110.9(b)1Aii §130.1(c)1A §130.1(c)4 §160.5(b)4Cia §160.5(b)4Civ
3	☐	Document weekday, weekend, and holidays schedules, as well as all set-up and preference program settings.	NA7.6.2.5(c)
4	☐	The correct time and date are properly set in the automatic time switch controls.	NA7.6.2.5(d)
5	☐	The battery backup (if applicable) is installed and energized.	NA7.6.2.5(e) §110.9(b)1
6	☐	Manual override time limit is set to no more than 2 hours, **OR** The automatic time switch control's manual override time is exempt from the 2-hour limit.	NA7.6.2.5(f) §110.9(b)1Ai §130.1(c)3B §160.5(b)4Ciiib
7	☐	Manual override switches located remotely from area with controlled luminaires allow the user to see the controlled luminaires or have a visual signal or display showing the current state of the controlled luminaires.	NA7.6.2.5(g) §130.1(c)3A §130.1(a) §160.5(b)4Ciiia §160.5(b)4A
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-1. Automatic Time Switch Lighting Controls Functional Testing

Step	Entry	Functional Test	Code Reference
1	No Entry	**Occupied Test.** Simulate occupied condition in the controlled space.	NA7.6.2.6(a)
1.1	☐ Yes ☐ No	The automatic time switch control turns on the controlled lighting.	NA7.6.2.6(a)1
2	No Entry	**Unoccupied Test**. Simulate an unoccupied condition in the controlled space.	NA7.6.2.6(b)
2.1	☐ Yes ☐ No	The automatic time switch control turns off all controlled lighting.	NA7.6.2.6(b)1 §130.1(c)1A §160.5(b)4Cia
2.2	☐ Yes ☐ No	For the area controlled by an automatic time switch control with a configured automatic holiday shut-off, the controlled lighting can be turned off automatically by the holiday shut-off, **OR** the automatic time switch control is exempt from incorporating an automatic holiday shut-off.	NA7.6.2.6(b)2 §110.9(b)1Aii §130.1(c)4 §160.5(b)4Civ
2.3	☐ Yes ☐ No	For the area controlled by an automatic time switch control with a time override located in and for the area, the lighting can be turned on manually by initiating the time override. The lighting is configured to remain on for no more than 2 hours **OR** the area is exempt from the 2-hour time override limit.	NA7.6.2.6(b)3 §110.9(b)1Ai §130.1(c)3B §160.5(b)4Ciiib
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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Occupant Sensing Lighting Controls

A-2. Occupant Sensing Lighting Control Construction Inspection

Step	Entry	Item	Code Reference
1	☐	The occupant sensing lighting controls are shown on plan documents and are installed.	NA7.6.2.1(a)
2	☐	Occupant sensing lighting control is installed per manufacturer's instructions to minimize false triggering – such as to install an occupancy sensor away from HVAC diffusers to avoid probable false triggering.	NA7.6.2.1(c)
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-2. Occupant Sensing Lighting Control Functional Testing

Step	Entry	Functional Test	Code Reference
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.2.2
1	No Entry	**Unoccupied Test.** Simulate an unoccupied condition in the controlled space.	NA7.6.2.3(a)
1.1	☐ Yes ☐ No	The occupant sensing control turn the controlled lighting off or partially off, if applicable, in 20 minutes or less from start of an unoccupied condition. In addition: For partial-on occupant sensing controls, occupant sensing controls and vacancy sensing controls, the controlled lighting is turned off in unoccupied condition. In the partial off state, partial OFF occupant sensing controls automatically reduce lighting power by at least 50 percent, **OR**: • For warehouses with metal halide or high-pressure sodium lighting, automatically reduce lighting power by at least 40 percent. • For aisle ways and open areas in warehouses in which the installed lighting power is 80 percent or less of the value allowed under the Area Category Method, automatically reduce lighting power by at least 40 percent. • In corridors and stairwells that provide access to guestrooms in hotel/motels in which the installed lighting power is 80 percent or less of the value allowed under the Area Category Method, automatically reduce lighting power by at least 40 percent. For parking garages, parking areas, and loading and unloading areas, occupant sensing controls have at least one control step between 20 to 50 percent of design lighting power, **OR** occupant sensing controls for metal halide luminaires with a lamp plus ballast mean system efficacy of 75 lumens per watt, in parking garages, parking areas, and loading and unloading areas, have at least one control step between 20 to 60 percent of design lighting power.	NA7.6.2.3(a)1 §110.9(b)4A §130.1(c)6A-C §130.1(c)7A §160.5(b)4Cvia §130.1(c)7B §160.5(b)4Cviib
2	No Entry	**Occupied Test.** Simulate an occupied condition in the controlled space.	NA7.6.2.3(b)
2.1	☐ Yes ☐ No	Status indicator or annunciator operates correctly.	NA7.6.2.3(b)1 §110.9(b)4C
2.2	☐ Yes ☐ No	Immediately upon an occupied condition: • The occupant sensing control or partial off occupant sensing control turns on controlled lighting; **OR** • The vacancy sensing control indicate a space is occupied and the controlled lighting can be turned on manually;**OR** • The partial-on occupant sensing controls automatically turns on the controlled lighting at between 50 to 70 percent of controlled lighting power. After the partial-on stage, manual switches can be activated to turn on the controlled lighting at full controlled lighting power.	NA7.6.2.3(b)2 §130.1(c)5A §160.5(b)4Cva
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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Occupant Sensing Lighting Controls

A-2. Occupant Sensing Lighting Control Construction Inspection

Step	Entry	Item	Code Reference
1	☐	The occupant sensing lighting controls are shown on plan documents and are installed.	NA7.6.2.1(a)
2	☐	Occupant sensing lighting control is installed per manufacturer's instructions to minimize false triggering – such as to install an occupancy sensor away from HVAC diffusers to avoid probable false triggering.	NA7.6.2.1(c)
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-3. Multi-Zone Occupant Sensing Lighting Controls Functional Testing

Step	Entry	Functional Test	Code Reference
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.2.2
1	No Entry	**Occupied Control Zone Test.** Simulate an occupied condition in the control zone controlled by the occupant sensor.	NA7.6.2.4(a)
1.1	☐ Yes ☐ No	Immediately upon occupancy of the control zone, the occupant sensors turn on controlled lighting.	NA7.6.2.4(a)1
1.2	Enter Value	Enter the illuminance value in footcandles (fc) measured at a location in the control zone where the controlled lighting is at full light output or designed light output if it has been documented that dimming luminaires have been intentionally tuned to less than full output and the design illuminance levels are provided. Informational note: Automatic daylighting controls may need to be temporarily overridden to achieve full or designed light output for the test.	NA7.6.2.4(a)2
1.3	☐ Yes ☐ No	Signal sensitivity is adequate to achieve desired control.	NA7.6.2.4(a)3
1.4	☐ Yes ☐ No	Status indicator or annunciator operates properly.	NA7.6.2.4(a)4 §110.9(b)4C
2	No Entry	**Unoccupied Control Zone Test.** Simulate an unoccupied condition in the control zone controlled by the occupant sensor. Confirm that at least one other control zone within the office space is occupied.	NA7.6.2.4(b)
2.1	☐ Yes ☐ No	The occupant sensor uniformly reduces light output of the controlled lighting in 20 minutes or less from the start of the unoccupied condition in the control zone.	NA7.6.2.4(b)1 §130.1(c)6Dii §160.5(b)4CvibII
2.2.	Enter Value	Enter the illuminance value during unoccupancy in footcandles (fc) measured at the same location as in Step 1.2.	NA7.6.2.4(b)2
2.3.	Enter Value	Calculate the ratio of the illuminance during unoccupancy to the illuminance at full or designed light output in %. ([Step 2.2 / Step 1.2] x 100)	NA7.6.2.4(b)2
2.4	☐ Yes ☐ No	The ratio of illuminance from Step 2.3 is no more than 20%.	NA7.6.2.4(b)2 §130.1(c)6Dii §160.5(b)4CvibII

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2.5	☐ Yes ☐ No	The occupant sensing control does not trigger a false on from movement outside of the control zone or from HVAC operation. Informational note: The field of view of occupant sensors in the adjacent control zones in office spaces larger than 250 square feet may overlap, but the field of view should stay away from an adjacent enclosed space that is not part of the office space, like conference rooms, and private offices.	NA7.6.2.4(b)3
2.6	☐ Yes ☐ No	Signal sensitivity is adequate to achieve desired control.	NA7.6.2.4(b)4
3	No Entry	**Control Zone Size Test.** Follow the procedures described in either Method 1 (Steps 3.1 – 3.1.3) **OR** Method 2 (Steps 3.2 – 3.2.4)	NA7.6.2.4(c)
3.1	No Entry	**Method 1:** Simulate an unoccupied condition in the control zone controlled by the occupant sensor while standing in an adjacent control zone. Determine the "edge" of the control zone controlled by the occupant sensor by moving toward the occupant sensor until the lights controlled by the occupant sensor turn on to simulate an occupied condition for that control zone. Informational note: While moving toward the occupant sensor, making additional movements, motions, or sounds may be necessary to trigger the occupant sensor.	NA7.6.2.4(c) Method 1
3.1.1	Enter Value	Enter the distance in feet (ft) measured from the "edge" of the control zone to the spot that is directly below the occupant sensor. This is the radius of the control zone.	NA7.6.2.4(c) Method 1
3.1.2	Enter Value	Calculate the area (in ft²) of the control zone by using the formula: Area = 3.14*radius².	NA7.6.2.4(c) Method 1
3.1.3	☐ Yes ☐ No	The area of the control zone (Step 3.1.2) is less than or equal to 600 square feet.	NA7.6.2.4(c) Method 1 §130.1(c)6Di §160.5(b)4Cvibl
3.2	No Entry	**Method 2:** Simulate an unoccupied condition for the entire office space.	NA7.6.2.4(c) Method 2
3.2.1	Enter Value	Walk through the space and count the number of zones of lighting that turn on automatically. Enter the number of zones that turn on automatically.	NA7.6.2.4(c) Method 2
3.2.2	Enter Value	Enter the area of the office space (in ft²) from construction plans or from other information source such as construction documents or Nonresidential Certificates of Compliance (NRCCs).	NA7.6.2.4(c)2 Method 2
3.2.3	Enter Value	Divide the area of the office by the number of zones. Enter the value in square feet. This calculated value is the assessed control zone size.	NA7.6.2.4(c)3 Method 2
3.2.4.	☐ Yes ☐ No	The area of the control zone is less than or equal to 600 square feet.	NA7.6.2.4(c)4 Method 2 §130.1(c)6Di §160.5(b)4Cvibl
4	☐ Yes ☐ No	**Unoccupied Office Test.** Simulate an unoccupied condition in all control zones controlled by all occupant sensors in the office. In 20 minutes or less from the start of the unoccupied condition of the entire office, all controlled lighting in the office is turned off.	NA7.6.2.4(d) §130.1(c)6Diii §160.5(b)4CvibIII
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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Declaration Statement	Signatory
Document Author I assert that this Certificate of Acceptance documentation is accurate and complete.	Name Company Name Author Signature Date Signed
Field Technician I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name ATT No.: Title Phone Signature Date Signed
Responsible Person I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person). The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished	Name Company Name Lic. No.: ATE No., (If applicable): Title Phone Signature Date Signed

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☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

A. Construction Inspection (NA7.6.1.1)

Step	Entry	Item	Code Reference
1	☐	The automatic daylighting controls are shown on the plan documents and are installed.	NA7.6.1.1
2	☐	The daylit zones are shown on page(s) _____ of plans; **OR** The daylit zones are drawn in on page(s) _____ of as-built plans (attached).	NA7.6.1.1(a) §130.1(d)1 §160.5(b)4Di
3	☐	The general lighting in skylit daylit zones, primary sidelit daylit zones and secondary sidelit daylit zones is controlled by automatic daylighting controls. In parking garages, the general lighting in the combined primary and secondary sidelit daylit zones is controlled by automatic daylighting controls.	NA7.6.1.1(b) §130.1(d) §160.5(b)4D
4	☐	The automatic daylighting controls provide separate control for luminaires in each type of daylit zone. General lighting in overlapping skylit daylit zone and a sidelit daylit zone are controlled as part of the skylit zone. General lighting in both a primary sidelit daylit zone and secondary sidelit daylit zone are controlled as part of the primary sidelit daylit zone.	NA7.6.1.1(c) §130.1(d)2 §160.5(b)4Dii
5	☐	All photosensors are not readily accessible to unauthorized personnel.	NA7.6.1.1(d) §130.1(d)4 §160.5(b)4Div
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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B-1. Continuous Dimming Control Systems Functional Testing (NA7.6.1.4)

Step	Entry	Functional Test	Code Reference
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.1.2
1	No Entry	**Reference Location.** Identify the reference location (the minimum daylight location in the controlled zone) for each daylit zone type in the space. For parking garages, illuminance levels should be measured at the farthest edge of the secondary sidelit daylit zone away from the opening or glazing.	NA7.6.1.4(a) §130.1(d)3D §160.5(b)4Diiid
1.1	Enter Value	Specify the power estimation method to be used: default ratio of power to light (**Dfc**), cut sheet ratio of power to light (**CSfc**) – cut sheet must be attached, measured Amps multiplied by Volts (**VA**), or measured watts (**W**).	N/A
2	No Entry	**No Daylight Test.** Simulate or provide conditions without daylight.	NA7.6.1.4(b)
2.1	Enter Value	Indicate the method used to simulate or provide conditions without daylight: night time manual measurement (**Night**), night time illuminance logging (**Log**), cover fenestration (**CF**), or cover photosensor (**CP**).	N/A
2.2	Enter Value	Enter the reference illuminance value in footcandles (fc), as measured at the reference location. This is the electric lighting illuminance without any daylight.	NA7.6.1.4(b)1
2.3	Enter Value	Enter the measured full load power in Volt-Amps (VA) if power estimation method (Step 1.1) = VA or in watts (W) if power estimation method = W. **OR** indicate not applicable (**N/A**) if power estimation method (Step 1.1) = Dfc or CSfc.	N/A
2.4	☐ Yes ☐ No	Automatic daylight control system turns on all controlled lighting to full light output unless it has been documented that continuous dimming luminaires have been intentionally tuned to less than full light output and the design illuminance levels are provided.	NA7.6.1.4(b)2
2.5	☐ Yes ☐ No	Light output is stable with no discernable flicker.	NA7.6.1.4(b)4
3	No Entry	**Full Daylight Test.** Simulate or provide bright conditions where the daylight illuminance is greater than 150% of the reference illuminance measured in Step 2.2.	NA7.6.1.4(c) §130.1(d)3C §130.1(d)3D §160.5(b)4Diiic §160.5(b)4Diiid
3.1.	Enter Value	Turn off electric lighting. Enter the daylight illuminance (light level with the electric lighting turned off) value in footcandles (fc) measured at the reference location.	N/A
3.2	Enter Value	Calculate the ratio of daylight illuminance to the reference illuminance in %. ([Step 3.1 / Step 2.2] x 100)	N/A
3.3	☐ Yes ☐ No	The ratio of daylight illuminance to the reference illuminance (Step 3.2) is greater than 150%.	§130.1(d)3C §130.1(d)3D §160.5(b)4Diiic §160.5(b)4Diiid
3.4	Enter Value	Turn on electric lighting. Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location if power estimation method (Step 1.1) = Dfc or CSfc. **OR** enter the measured power in Volt-Amps (VA) if power estimation method (Step 1.1) = VA, or in watts (W) if power estimation method (Step 1.1) = W.	N/A
3.5	Enter Value	Calculate the electric lighting illuminance in footcandles (fc) at the reference location if power estimation method (Step 1.1) = Dfc or CSfc. (Step 3.4 – Step 3.1) **OR** indicate not applicable (N/A) if power estimation method (Step 1.1) = VA or W.	N/A
3.6	Enter Value	Calculate the fraction of rated light output in % if power estimation method (Step 1.1) = Dfc or CSfc. ([Step 3.5 / Step 2.2] x 100) **OR** indicate not applicable (N/A) if power estimation method (Step 1.1) = VA or W.	N/A
3.7.	Enter Value	Enter the dimmed luminaire fraction of rated power in % if power estimation method (Step 1.1) = Dfc or CSfc, and label the control system being tested on the manufacturer's cut sheet or the default graph on page 6. **OR** indicate not applicable (N/A) if power estimation method (Step 1.1) = VA or W.	N/A

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3.8.	Enter Value	Calculate the system power reduction in %. If power estimation method (Step 1.1) = Dfc or CSfc, system power reduction = [1 - dimmed luminaire fraction of rated power (Step 3.7)]. **OR** If power estimation method (Step 1.1) = VA or W, system power reduction = [1 - measured power (Step 3.4)/full load power (Step 2.3)].	N/A
3.9	☐ Yes ☐ No	For areas other than parking garages, the controlled lighting power reduction (Step 3.8) is at least 90%. **OR** For parking garages, the controlled lighting power reduction is 100%.	NA7.6.1.4(c)1 §130.1(d)3C §130.1(d)3D §160.5(b)4Diiic §160.5(b)4Diiid
3.10	☐ Yes ☐ No	Only the luminaires in the daylit zones are affected by daylight control.	NA7.6.1.4(c)3
3.11	Enter Value	If a PAF is claimed for daylight continuous dimming plus OFF controls, the system automatically turns off the luminaires that are receiving this credit. Enter yes (Y), no (N), or not applicable (N/A)	NA7.6.1.4(c)4 §140.6(a)2H §170.2(e)2Bviii
4	No Entry	**Partial Daylight Test.** Follow the procedures described in either the Partial Daylight Test (Steps 4.1 – 4.11) **OR** the Alternate Partial Daylight Test (Steps 5 – 5.6)	NA7.6.1.4(d) NA7.6.1.4(e)
4.1	No Entry	Turn off electric lighting. Simulate or provide daylight conditions where illuminance (fc) provided only by daylight only at the reference location is between 60 and 95% of the reference illuminance measured in Step 2.2.	NA7.6.1.4(d)
4.2	☐ Yes ☐ No	There are 0 control steps between ON and OFF. (If yes, indicate not applicable (N/A) for Steps 4.3 through 4.10)	N/A
4.3	Enter Value	Indicate method used to simulate or provide conditions with partial daylight: natural daylight manual measurement (ND), light logging (Log), partially cover fenestration (PCF), open loop setpoint adjustment (OLSA).	N/A
4.4	Enter Value	Enter the daylight illuminance (light level without electric light) in footcandles (fc) measured at the reference location.	N/A
4.5.	Enter Value	Calculate the ratio of daylight illuminance to the reference illuminance in %. ([Step 4.4 / Step 2.2] x 100)	N/A
4.6.	Enter Value	The ratio of daylight illuminance to the reference illuminance (Step 4.5) is between 60 and 95%.	N/A
4.7	Enter Value	Turn on electric lighting. Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location.	N/A
4.8	Enter Value	The total illuminance (Step 4.7) is greater than or equal to the reference illuminance (Step 2.2).	NA7.6.1.4(d)1 §130.1(d)3B §160.5(b)4Diiib
4.9	Enter Value	Calculate the ratio of total illuminance to the reference illuminance in %. ([Step 4.7 / Step 2.2] x 100)	N/A
4.10	Enter Value	The ratio of total illuminance to the reference illuminance (Step 4.9) is less than or equal to 150%. Enter yes (**Y**) or no (**N**), or **N/A.**	NA7.6.1.4(d)2
4.11	☐ Yes ☐ No	The light output is stable with no visible flicker	NA7.6.1.4(d)3

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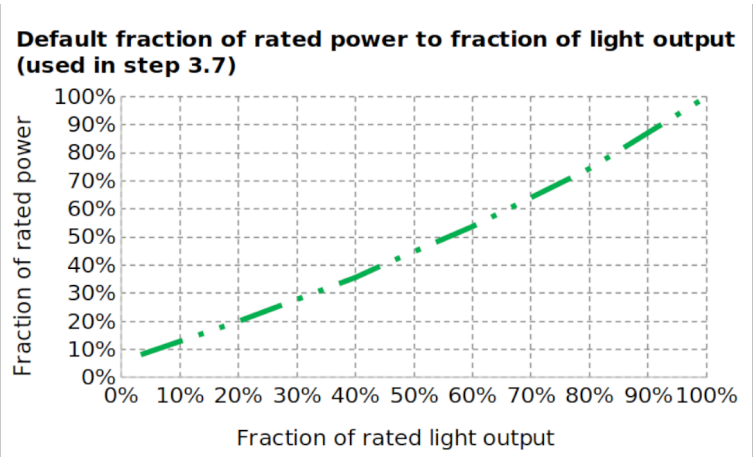
5	No Entry	**Alternate Partial Daylight Test.** To use the alternate partial daylight test, outdoor horizontal illuminance must be 4,000 fc or greater and illuminance from daylight only at the reference location (daylight illuminance) is no greater than 80% of reference illuminance (Step 2.2). Measure the outdoor horizontal illuminance level and the daylight illuminance level, and do not proceed until the aforementioned illuminance criteria are met.	NA7.6.1.4(e)
5.1	Enter Value	Turn off electric lighting. Enter the daylight illuminance (light level without electric light) in footcandles (fc) measured at the reference location.	N/A
5.2	Enter Value	Turn on electric lighting. Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location.	NA7.6.1.4(e)2
5.3	Enter Value	Calculate the partial daylight combined illuminance maximum (PDCIM). (Step 2.2 + [0.40 x Step 5.1])	N/A
5.4	☐ Yes ☐ No	The total illuminance (Step 5.5) is greater than or equal to the reference illuminance (Step 2.2) and less than or equal to the PDCIM (Step 5.6).	NA7.6.1.4(e)3
5.5	☐ Yes ☐ No	The light output is stable with no visible flicker.	NA7.6.1.4(e)4
5.6	☐ Yes ☐ No	Only luminaires in daylit zones are affected by daylight control.	NA7.6.1.4(e)5
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A



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A. Construction Inspection (NA7.6.1.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The automatic daylighting controls are shown on the plan documents and are installed.	NA7.6.1.1
2	☐	The daylit zones are shown on page(s) _____ of plans; **OR** The daylit zones are drawn in on page(s) _____ of as-built plans (attached).	NA7.6.1.1(a) §130.1(d)1 §160.5(b)4Di
3	☐	The general lighting in skylit daylit zones, primary sidelit daylit zones and secondary sidelit daylit zones is controlled by automatic daylighting controls. In parking garages, the general lighting in the combined primary and secondary sidelit daylit zones is controlled by automatic daylighting controls.	NA7.6.1.1(b) §130.1(d) §160.5(b)4D
4	☐	The automatic daylighting controls provide separate control for luminaires in each type of daylit zone. General lighting in overlapping skylit daylit zone and a sidelit daylit zone are controlled as part of the skylit zone. General lighting in both a primary sidelit daylit zone and secondary sidelit daylit zone are controlled as part of the primary sidelit daylit zone.	NA7.6.1.1(c) §130.1(d)2 §160.5(b)4Dii
5	☐	All photosensors are not readily accessible to unauthorized personnel.	NA7.6.1.1(d) §130.1(d)4 §160.5(b)4Div
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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B-2. Stepped Switching or Stepped Dimming Control Systems Functional Testing (NA7.6.1.5)			
Step	**Entry**	**Functional Test**	**Code Reference**
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.1.2
1	No Entry	**Reference Location.** Identify the reference location (the minimum daylighting location in the controlled zone) for each daylit zone type in the space. For parking garages, illuminance levels should be measured at the farthest edge of the secondary sidelit daylit zone away from the opening or glazing.	NA7.6.1.5(a) §130.1(d)3D §160.5(b)4Diiid
1.1	Enter Value	Specify the control type: stepped dimming (**SD**) or stepped switching (**SW**).	N/A
1.2		Specify the power estimation method to be used: counting (**C**) – only for stepped switching, cut sheet (**CS**) – ballast cut sheet with steps of power and light must be attached, measured Amps multiplied by Volts (**VA**), or measured watts (**W**).	N/A
2	No Entry	**No Daylight Test.** Simulate or provide conditions without daylight.	NA7.6.1.5(b)
2.1	Enter Value	Indicate the method used to simulate or provide conditions without daylight: nighttime manual measurement (**Night**), nighttime illuminance logging (**Log**) – attach plot of illuminance or power, cover fenestration (**CF**), or cover photosensor (**CP**).	N/A
2.2.	Enter Value	Enter the reference illuminance value in footcandles (fc), as measured at the reference location. This is the electric lighting illuminance level without any daylight.	NA7.6.1.5(b)1
2.3	Enter Value	Enter the measured Amps multiplied by Volts in Volt-Amps (VA) if power estimation method (Step 1.2) = VA. **OR** Enter the measured watts (W) if power estimation method (Step 1.2) = W. **OR** Indicate not applicable (**N/A**) if power estimation method (Step 1.2) = C or CS.	N/A
2.4	☐ Yes ☐ No	Automatic daylight control system turns on all stages of controlled lighting to full light output unless it has been documented that dimming luminaires have been intentionally tuned to less than full output and the design illuminance levels are provided.	NA7.6.1.5(b)5
2.5	Enter Value	Light output is stable with no visible flicker.	NA7.6.1.5(b)6
3	No Entry	**Full Daylight Test.** Simulate or provide bright conditions where the daylight illuminance is greater than 150% of the reference illuminance measured in Step 2.2.	NA7.6.1.5(c) §130.1(d)3C §130.1(d)3D §160.5(b)4Diiic §160.5(b)4Diiid
3.1	Enter Value	Turn off electric lighting. Enter the daylight illuminance (light level with the electric lighting turned off) value in footcandles (fc) measured at the reference location.	N/A
3.2	Enter Value	Calculate the ratio of daylight illuminance to the reference illuminance in %. ([Step 3.1 / Step 2.2] x 100)	N/A
3.3	☐ Yes ☐ No	The ratio of daylight illuminance (Step 3.1) to the reference illuminance (Step 3.2) is greater than 150%.	§130.1(d)3C §130.1(d)3D §160.5(b)4Diiic §160.5(b)4Diiid
3.4	Enter Value	Enter the measured system power in Volt-Amps (**VA**) or watts (**W**) if power estimation method (Step 1.2) = VA or W. **OR** indicate not applicable (N/A) if power estimation method (Step 1.2) = C or CS.	N/A
3.5	Enter Value	Enter the fraction of system wattage turned off in % if the power estimation method (Step 1.2) = C. **OR** indicate not applicable (N/A) if the power estimation method (Step 1.2) = CS, VA, or W.	N/A
3.6	Enter Value	Enter the power reduction of dimmed lamps in % calculated from the manufacturer's cut sheet if the power estimation method (Step 1.2) = CS.**OR** indicate not applicable (**N/A**) if the power estimation method (Step 1.2) = C, VA, or W.	N/A
3.7.	Enter Value	Calculate the system power reduction in %. If power estimation method (Step 1.2) = C, system power reduction = fraction of system wattage turned off (Step 3.5).**OR** If power estimation method (Step 1.2) = CS, system power reduction = power reduction of dimmed lamps (Step 3.6). **OR** If power estimation method (Step 1.2) = VA or W, system power reduction = [1 - measured system power at dimmed stage (Step 3.4)/full load system power (Step 2.3)].	N/A

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3.8	☐ Yes ☐ No	For areas other than parking garages, the controlled lighting power reduction (Step 3.7) is at least 90% **OR** for parking garages, the controlled lighting power reduction is 100%.	NA7.6.1.5(c)1, §130.1(d)3C, §130.1(d)3D, §160.5(b)4Diiic, §160.5(b)4Diiid
3.9.	☐ Yes ☐ No	Only the luminaires in the daylit zones are affected by daylight control.	NA7.6.1.5(c)3
4	No Entry	**Partial Daylight Test.** For each control stage tested in this step, the control stages with lower setpoints than the staged tested are left on and those stages of control with higher setpoints are dimmed or controlled off. Simulate or provide conditions so that each control stage turns on and off or dims.	NA7.6.1.5(d)
4.1.	Enter Value	Enter the number of control steps between on and on. If the control system has 1 to 3 steps between on and off, test all control steps. If the control system has more than 3 steps between on and off, testing 3 control steps is sufficient for demonstrating compliance. If the control system has 0 steps between on and off, the partial daylight test is not necessary.	NA7.6.1.5(d)
4.2	☐ Yes ☐ No	There are 0 control steps between ON and OFF. (Indicate not applicable (**N/A**) for Steps 4.3 through 4.25.)	N/A
4.3.	Enter Value	Indicate method used to simulate or provide conditions with partial daylight: natural daylight manual measurement (**ND**), light logging (**Log**), partially cover fenestration (**PCF**), open loop setpoint adjustment (**OLSA**).	N/A
4.4	No Entry	First stage of control (partial daylight test)	N/A
4.5	Enter Value	Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location just after the first stage of control dims or shuts off a stage of lighting.	NA7.6.1.5(d)1
4.6.	Enter Value	The total illuminance (Step 4.5) is greater than or equal to the reference illuminance (Step 2.2). Enter yes (**Y**) or no (**N**).	NA7.6.1.5(d)1, §130.1(d)3B §160.5(b)4Diiib
4.7	Enter Value	Calculate the ratio of total illuminance to the reference illuminance in %. ([Step 4.5 / Step 2.2] x 100)	N/A
4.8	Enter Value	The ratio of total illuminance to the reference illuminance (Step 4.7) is less than or equal to 150%. Enter yes (**Y**) or no (**N**).	NA7.6.1.5(d)2
4.9	Enter Value	Light output is stable with no visible flicker. (Note: only luminaires in daylit zones are affected by daylight control)	NA7.6.1.5(d)3
4.9.	Enter Value	The control stage does not cycle on and off between dim and undimmed while daylight illuminance remains constant. Enter yes (**Y**) or no (**N**)	NA7.6.1.5(d)4
4.10	No Entry	Second stage of control (partial daylight test)	N/A
4.11	☐ Yes ☐ No	There is only 1 control step between ON and OFF. (If yes, indicate not applicable (**N/A**) for steps 4.12 through 4.25.)	N/A
4.12	Enter Value	Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location just after the second stage of control dims or shuts off a stage of lighting.	NA7.6.1.5(d)1
4.13	Enter Value	The total illuminance (Step 4.12) is greater than or equal to the reference illuminance (Step 2.2). Enter yes (**Y**) or no (**N**)	NA7.6.1.5(d)1 §130.1(d)3B §160.5(b)4Diiib
4.14.	Enter Value	Calculate the ratio of total illuminance to the reference illuminance in %. ([Step 4.12 / Step 2.2] x 100)	N/A
4.15	Enter Value	The ratio of total illuminance to the reference illuminance (step 4.14) is less than or equal to 150%. Enter yes (**Y**) or no (**N**)	NA7.6.1.5(d)2
4.16	Enter Value	Light output is stable with no visible flicker. (Note: only luminaires in daylit zones are affected by daylight control)	NA7.6.1.5(d)3
4.17.	Enter Value	The control stage does not cycle on and off between dim and undimmed while daylight illuminance remains constant. Enter yes (**Y**) or no (**N**).	NA7.6.1.5(d)4

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4.18	No Entry	Third stage of control (partial daylight test)	N/A
4.19	☐ Yes ☐ No	There are only 2 control steps between ON and OFF. (If yes, indicate not applicable **(N/A)** for Steps 4.20 through 4.25.)	N/A
4.20	Enter Value	Enter the total illuminance (combined daylight and electric light illuminance) in footcandles (fc) measured at the reference location just after the third stage of control dims or shuts off a stage of lighting.	NA7.6.1.5(d)1
4.21	Enter Value	The total illuminance (Step 4.20) is greater than or equal to the reference illuminance (Step 2.2). Enter yes (**Y**) or no (**N**).	NA7.6.1.5(d)1 §130.1(d)3B §160.5(b)4Diiib
4.22	Enter Value	Calculate the ratio of total illuminance to the reference illuminance in %. ([Step 4.20 / Step 2.2] x 100)	N/A
4.23	Enter Value	The ratio of total illuminance to the reference illuminance (Step 4.22) is less than or equal to 150%. Enter yes (**Y**) or no (**N**).	NA7.6.1.5(d)2
4.24	Enter Value	Light output is stable with no visible flicker. (Note: only luminaires in daylit zones are affected by daylight control)	NA7.6.1.5(d)3
4.25	Enter Value	The control stage does not cycle on and off between dim and undimmed while daylight illuminance remains constant. Enter yes (**Y**) or no (**N**).	NA7.6.1.2.2(d)4
4.26	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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Declaration Statement	Signatory
Document Author I assert that this Certificate of Acceptance documentation is accurate and complete.	Name Company Name Author Signature Date Signed
Field Technician I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name ATT No.: Title Phone Signature Date Signed
Responsible Person I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person). The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished	Name Company Name Lic. No.: ATE No., (If applicable): Title Phone Signature Date Signed

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DEMAND RESPONSIVE LIGHTING CONTROL ACCEPTANCE DOCUMENT

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☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

A-1. Demand Responsive Lighting Control Construction Inspection (NA7.6.3.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The demand responsive lighting controls are shown on plan documents and are installed.	NA7.6.3.1
2	☐	The demand responsive control is setup to communicate in one of the following communication protocols: Wi-Fi, ZigBee, BACnet, Ethernet, or other wired or wireless bi-directional communication pathway. The demand responsive control is set up to communicate for the functional testing of NA7.6.3.2.	NA7.6.3.1(a) §110.12(a)2
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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B-1. Functional Testing Method 1: Illuminance Measurement (NA7.6.3.2)			
Step	**Entry**	**Functional Testing**	**Code Reference**
N/A	☐ Yes ☐ No	Space is representative of sample. If sampling method is used, attach a page listing untested spaces in sample.	NA7.6.3.2
1	No Entry	Select one location for illuminance measurement. The preferred measurement location is not in a skylit or primary sidelit area so that the illuminance meter is not in direct view of window or skylight. If this is not possible, perform the test at a time and location at which daylight illuminance provides less than half of the design illuminance.	NA7.6.3.2.1, Method 1(a)
1.1	Enter Value	Enter the design illuminance value in footcandles (fc).	N/A
2	No Entry	**Full Output Test**	NA7.6.3.2.1, Method 1(b)
2.1	No Entry	Using the manual switches/dimmers, set the lighting system to full output. For a lighting system that has been task tuned, override the controls to allow the lighting system to go to full output. The lighting in areas with photo controls or occupant/vacancy sensors may be at less than full output or may be off.	NA7.6.3.2.1, Method 1(b)1
2.2	Enter Value	Measure the illuminance at the selected location and enter the value in footcandles (fc).	NA7.6.3.2.1, Method 1(b)2
2.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.3.2.1, Method 1(b)3
2.4	Enter Value	Measure the illuminance at the selected location with the electric lighting system in the demand response condition and enter the value in footcandles (fc).	NA7.6.3.2.1, Method 1(b)4
2.5	Enter Value	Calculate the percent reduction in illuminance from the full output condition to the demand response condition and enter the value in %. (Percent reduction = [(Step 2.2 – Step 2.4) / Step 2.2] x 100%)	N/A
2.6	Enter Value	Enter the area of the controlled space in square feet (ft^2).	N/A
2.7	Enter Value	Calculate the area-weighted average reduction in illuminance from the full output condition to the demand response condition for the building using the given formula and enter the value in %. Area-weighted average reduction = [(Step 2.5_1 * Step 2.6_1) + (Step 2.5_2 * Step 2.6_2) + (Step 2.5_3 * Step 2.6_3) + …] / [Step 2.6_1 + Step 2.6_2 + Step 2.6_3 + …] * 100%	NA7.6.3.2.1, Method 1(b)5
2.8	☐ Yes ☐ No	The area-weighted average reduction (Step 2.7) is at least 15%. (Step 2.7 >= 15%)	NA7.6.3.2.1, Method 1(b)5, §110.12(c)1
3	No Entry	**Minimum Output Test**	NA7.6.3.2.1, Method 1(c)
3.1	No Entry	Using the manual switches/dimmers in each space, set the lighting system to minimum output (but not off). The lighting in areas with photo controls or occupant/vacancy sensors may be at more than minimum output or may be off.	NA7.6.3.2.1, Method 1(c)1i
3.2	Enter Value	Measure the illuminance at the selected location and enter the value in footcandles (fc).	NA7.6.3.2.1, Method 1(c)1ii
3.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.3.2.1, Method 1(c)2i
3.4	Enter Value	Measure the illuminance at the selected location with the electric lighting system in the demand response condition and enter the value in footcandles (fc).	NA7.6.3.2.1, Method 1(c)2ii
3.5.	☐ Yes ☐ No	The illuminance in the demand respond condition (Step 3.4) is not less than the illuminance in the minimum output condition (Step 3.2). (Step 3.4 >= Step 3.2) **Exception**: In daylit spaces, the illuminance in the demand response condition (Step 3.4) may reduce below the illuminance in the minimum output condition.	NA7.6.3.2.1, Method 1(c)3i
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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A-1. Demand Responsive Lighting Control Construction Inspection (NA7.6.3.1)

Step	Entry	Item	Code Reference
1	☐	The demand responsive lighting controls are shown on plan documents and are installed.	NA7.6.3.1
2	☐	The demand responsive control is setup to communicate in one of the following communication protocols: Wi-Fi, ZigBee, BACnet, Ethernet, or other wired or wireless bi-directional communication pathway. The demand responsive control is set up to communicate for the functional testing of NA7.6.3.2.	NA7.6.3.1(a) §110.12(a)2
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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B-2. Functional Testing Method 2: Current Measurement (NA7.6.3.2)			
Step	**Entry**	**Functional Testing**	**Code Reference**
N/A	☐ Yes ☐ No	Space is representative of sample. If sampling method is used, attach a page listing untested spaces in sample.	NA7.6.3.2
1	No Entry	At the lighting circuit panel, select at least one lighting control circuit that serves spaces required to meet §110.12.	NA7.6.3.2.2, Method 2(a)
2	No Entry	**Full Output Test**	NA7.6.3.2.2, Method 2(b)
2.1	No Entry	Using the manual switches/dimmers, set the lighting system to full output in the space served by the selected circuit. The lighting in areas with photo controls or occupant/vacancy sensors may be at less than full output or may be off.	NA7.6.3.2.2, Method 2(b)1
2.2	Enter Value	Measure the current at the selected circuit and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(b)2
2.3	Enter Value	Calculate the sum of all the circuit currents in the full output condition and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(b)5
2.4	No Entry	Simulate a demand response condition using the demand responsive control in the space served by the selected circuit.	NA7.6.3.2.2, Method 2(b)3
2.5	Enter Value	Measure the current at the selected circuit with the electric lighting system in the demand response condition and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(b)4
2.6	Enter Value	Calculate the sum of all the circuit currents in the demand response condition and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(b)5
2.7	Enter Value	Calculate the percent reduction in current at the selected circuit from the full output condition to the demand response condition and enter the value in %. (Percent reduction = [(Step 2.2 - Step 2.5) / Step 2.2] * 100%)	N/A
2.8	Enter Value	Calculate the total percent reduction in current from the full output condition to the demand response condition and enter the value in %. (Total percent reduction = [(Step 2.3 - Step 2.6) / Step 2.3] * 100%)	NA7.6.3.2.2, Method 2(b)5
2.9	☐ Yes ☐ No	The total percent reduction in current (Step 2.8) is at least 15%. (Step 2.8 >= 15%).	NA7.6.3.2.2, Method 2(b)5
3	No Entry	**Minimum Output Test**	NA7.6.3.2.2, Method 2(c)
3.1	No Entry	Using the manual switches/dimmers in each space, set the lighting system to minimum output (but not off) in the space served by the selected circuit. The lighting in areas with photo controls or occupant/vacancy sensors may be at more than minimum output or may be off.	NA7.6.3.2.2, Method 2(c)1
3.2	Enter Value	Measure the current at the selected circuit and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(c)2
3.3	No Entry	Simulate a demand response condition using the demand responsive control in the space served by the selected circuit.	NA7.6.3.2.2, Method 2(c)3
3.4	Enter Value	Measure the current at the selected circuit with the electric lighting system in the demand response condition and enter the value in amperes (A).	NA7.6.3.2.2, Method 2(c)4
3.5	☐ Yes ☐ No	The current in the demand response condition (Step 3.4) is not less than the current in the minimum output condition (Step 3.2). (Step 3.4 >= Step 3.2) **Exception**: Circuits that supply power to the daylit portion of enclosed spaces as long as the current for lighting in the non-daylit portions of the enclosed space in the demand response condition is not reduced below the current in the minimum light output condition.	NA7.6.3.2.2, Method 2(c)5
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

STATE OF CALIFORNIA

DEMMAND RESPONSE CONTROLS ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-04-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-04-A
Demmand Response Controls Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

A-1. Demand Responsive Lighting Control Construction Inspection (NA7.6.3.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The demand responsive lighting controls are shown on plan documents and are installed.	NA7.6.3.1
2	☐	The demand responsive control is setup to communicate in one of the following communication protocols: Wi-Fi, ZigBee, BACnet, Ethernet, or other wired or wireless bi-directional communication pathway. The demand responsive control is set up to communicate for the functional testing of NA7.6.3.2.	NA7.6.3.1(a) §110.12(a)2
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-3. Functional Testing Method 3: Full Facility Current Measurement (NA7.6.3.2)			
Step	**Entry**	**Functional Testing**	**Code Reference**
1	No Entry	At circuit panel, select the circuit that serves the disaggregated lighting load of the entire facility and serves spaces required to meet §110.12.	NA7.6.3.2.3, Method 3(a)
2	No Entry	**Full Output Test**	NA7.6.3.2.3, Method 3(b)
2.1	No Entry	Using the facility lighting controls, set the lighting system to full output. The lighting in areas with photo controls or occupant/vacancy sensors may be at less than full output or may be off.	NA7.6.3.2.3, Method 3(b)1
2.2	Enter Value	Measure the current at the lighting circuit and enter the value in amperes (A).	NA7.6.3.2.3, Method 3(b)2
2.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.3.2.3, Method 3(b)3
2.4	Enter Value	Measure the current at the lighting circuit with the electric lighting system in the demand response condition and enter the value in amperes (A)	NA7.6.3.2.3, Method 3(b)4
2.5	Enter Value	Calculate the percent reduction in current from the full output condition to the demand response condition and enter the value in %. (Percent reduction = [(Step 2.2 - Step 2.4) / Step 2.2] * 100%)	NA7.6.3.2.3, Method 3(b)5, Method 3(b)6
2.6	☐ Yes ☐ No	The percent reduction in current (Step 2.5) is at least 15%. (Step 2.5 >= 15%)	NA7.6.3.2.3, Method 3(b)6
3	No Entry	**Minimum Output Test**	NA7.6.3.2.3, Method 3(c)
3.1	No Entry	Using the facility controls, set the lighting system to minimum output (but not off). The lighting in areas with photo controls or occupant/vacancy sensors may be at more than minimum output or may be off.	NA7.6.3.2.3, Method 3(c)1
3.2	Enter Value	Measure the current at the lighting circuit and enter the value in amperes (A).	NA7.6.3.2.3, Method 3(c)2
3.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.3.2.3, Method 3(c)3
3.4	Enter Value	Measure the current at the lighting circuit with the electric lighting system in the demand response condition and enter the value in amperes (A).	NA7.6.3.2.3, Method 3(c)4
3.5	☐ Yes ☐ No	The current in the demand response condition (Step 3.4) is not less than the current in the minimum output condition (Step 3.2). (Step 3.4 >= Step 3.2)	NA7.6.3.2.3, Method 3(c)5
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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DEMMAND RESPONSE CONTROLS ACCEPTANCE DOCUMENT

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National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-04-A
Demmand Response Controls Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

A-2. Demand Responsive Controls for Controlled Receptacle Construction Inspection (NA7.6.5.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The demand responsive controls for controlled receptacles are shown on plan documents and are installed.	NA7.6.5.1(c)
2	☐	The demand responsive control is setup to communicate in one of the following communication protocols: Wi-Fi, ZigBee, BACnet, Ethernet, or other wired or wireless bi-directional communication pathway. The demand responsive controls is setup to communicate for the functional testing of NA7.6.5.2.	NA7.6.5.1
3	☐	Controlled receptacles or circuits have permanent or durable markings to differentiate them from uncontrolled receptacles or circuits.	NA7.6.5.1(d) §130.5(d)3
4	☐	Controlled receptacles are controlled by an automatic shut off control.	NA7.6.5.1(e) §130.5(d)1 §160.6(d)1
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

STATE OF CALIFORNIA

DEMMAND RESPONSE CONTROLS ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-04-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-04-A
Demmand Response Controls Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

B-4. Demand Responsive Controls – Controlled Receptacle Functional Testing (NA7.6.5.2.3)			
Step	**Entry**	**Functional Testing**	**Code Reference**
N/A	☐ Yes ☐ No	Space is representative of sample. If sampling method is used, attach a page listing untested spaces in sample.	NA7.6.5.2.1
1	No Entry	**On test.**	NA7.6.5.2.3, On test
1.1	No Entry	Trigger the shut off control to turn the demand responsive controlled receptacle on, or if the receptacle has a manual control turn the receptacle on.	NA7.6.5.2.3, On test (1)
1.2	☐ Yes ☐ No	The controlled outlet has full voltage (125 V) present.	NA7.6.5.2.3, On test (2)
1.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.5.2.3, On test (3)
1.4	☐ Yes ☐ No	The controlled outlet has zero voltage (0 V) present (deenergized).	NA7.6.5.2.3, On test (4)
1.5	☐ Yes ☐ No	The controlled receptacle cannot be overridden to turn on by the automatic shut off controls or any manual control.	NA7.6.5.2.3, On test (5)
1.6	No Entry	Simulate a normal condition (non-demand response condition).	NA7.6.5.2.3, On test (6)
1.7	☐ Yes ☐ No	The controlled outlet has full voltage (125 V) present.	NA7.6.5.2.3, On test (7)
2	No Entry	**Off test.**	NA7.6.5.2.3, Off test
2.1	No Entry	Trigger the automatic shut off control to turn the demand responsive controlled receptacle off, or if the receptacle has a manual control turn the receptacle off.	NA7.6.5.2.3, Off test (1)
2.2	☐ Yes ☐ No	The controlled outlet has zero voltage (0 V) present (deenergized).	NA7.6.5.2.3, Off test (2)
2.3	No Entry	Simulate a demand response condition using the demand responsive control.	NA7.6.5.2.3, Off test (3)
2.4	☐ Yes ☐ No	The controlled outlet has zero voltage (0 V) is present (deenergized).	NA7.6.5.2.3, Off test (4)
2.5	☐ Yes ☐ No	The demand responsive controlled receptacle cannot be overridden to turn on by automatic shut off controls or any manual control.	NA7.6.5.2.3, Off test (5)
2.6	No Entry	Simulate a normal condition (non-demand response condition).	NA7.6.5.2.3, Off test (6)
2.7	☐ Yes ☐ No	The controlled outlet has zero voltage (0 V) present (deenergized).	NA7.6.5.2.3, Off test (7)
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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DEMMAND RESPONSE CONTROLS ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-04-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-04-A
NRCA-LTI-04-A		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

Declaration Statement	Signatory
Document Author I assert that this Certificate of Acceptance documentation is accurate and complete.	Name Company Name Author Signature Date Signed
Field Technician I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name ATT No.: Title Phone Signature Date Signed
Responsible Person I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person). The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished	Name Company Name Lic. No.: ATE No., (If applicable): Title Phone Signature Date Signed

STATE OF CALIFORNIA

INSTITUTIONAL TUNING PAF ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-05-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-05-A
Institutional Tuning PAF Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

A. Construction Inspection (NA7.6.4.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The construction documents specify which lighting systems shall have their maximum light output or maximum power draw set to no greater than 85 percent of full light output or full power draw.	NA7.6.4.1(a)
2	☐	The controls or the methods of controlling the maximum output of luminaires is such that the maximum light output of the controlled lighting system can be limited, and that normal operation of the controlled lighting does not override the maximum light output.	NA7.6.4.1(b)
3	☐	The controls are not readily accessible to unauthorized personnel.	NA7.6.4.1(c), §140.6(a)2Jii §170.2(e)2Bxb
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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INSTITUTIONAL TUNING PAF ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-05-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-05-A
Institutional Tuning PAF Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

B-1. Functional Testing Method 1: Observation of Systems During Institutional Tuning (NA7.6.4.2.1)			
Step	**Entry**	**Functional Test**	**Code Reference**
N/A	☐ Yes ☐ No	Space is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.4
1	No Entry	**Determination of light output or maximum power prior to institutional tuning** (Current measurements may be used instead of power measurements to show power reduction.)	NA7.6.4.2.1, Step 1
1.1	No Entry	Set all lighting controls to provide maximum output of the tested system without applying the limits specified for institutional tuning.	NA7.6.4.2.1, Step 1(a)
1.2	Enter Value	Measure the full light output at a location where the illuminance is due to the controlled lighting and enter the value in footcandles (fc). **OR** Measure the power of the controlled lighting and enter the value in watts (W). (If current measurements are being used, enter the measured current in amperes (A).)	NA7.6.4.2.1, Step 1(b)
2	No Entry	**Institutional tuning and post-tuning measurement**	NA7.6.4.2.1, Step 2
2.1	Enter Value	Apply the limits specified for institutional tuning to the lighting system. Do not alter any other control settings.	NA7.6.4.2.1, Step 2(a), §140.6(a)2Jiii §170.2(e)2Bxc
2.2.	Enter Value	Measure the light output at the same location as in Step 1.2 and enter the value in footcandles (fc) **OR** Measure the power of the same circuit as in Step 1.2 and enter the value in watts (W). (If current measurements are being used, enter the measured current in amperes (A).)	NA7.6.4.2.1, Step 2(b)
2.3	Enter Value	Calculate ratio of the light or power output of the system after institutional tuning to the light or power output of the system before institutional tuning and enter the value in %. ([Step 2.2 / Step 1.2] x 100)	N/A
2.4	☐ Yes ☐ No	The light output or power after institutional tuning is 85% or less of the light output or power before institutional tuning. (Step 2.3 <= 85%).	NA7.6.4.2.1, Step 2(c), §140.6(a)2Ji §170.2(e)2Bxa
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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INSTITUTIONAL TUNING PAF ACCEPTANCE DOCUMENT

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National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-05-A
Institutional Tuning PAF Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

A. Construction Inspection (NA7.6.4.1)

Step	Entry	Item	Code Reference
1	☐	The construction documents specify which lighting systems shall have their maximum light output or maximum power draw set to no greater than 85 percent of full light output or full power draw.	NA7.6.4.1(a)
2	☐	The controls or the methods of controlling the maximum output of luminaires is such that the maximum light output of the controlled lighting system can be limited, and that normal operation of the controlled lighting does not override the maximum light output.	NA7.6.4.1(b)
3	☐	The controls are not readily accessible to unauthorized personnel.	NA7.6.4.1(c), §140.6(a)2Jii §170.2(e)2Bxb
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

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INSTITUTIONAL TUNING PAF ACCEPTANCE DOCUMENT

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National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-05-A
Institutional Tuning PAF Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

B-2. Functional Testing Method 2: Verification of Systems Already Tuned (NA7.6.4.2.2)

Step	Entry	Functional Testing	Code Reference
N/A	Yes or No	Space is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.6.4
1	No Entry	**Measurement of tuned lighting system** (Current measurements may be used instead of power measurements to show power reduction.)	NA7.6.4.2.2, Step 1
1.1	No Entry	Set all lighting controls except institutional tuning controls to provide maximum output of tested system. Controls set to maximum light output include but not limited to: manual dimmers, multilevel occupant sensing controls, and automatic daylighting controls.	NA7.6.4.2.2, Step 1(a), §140.6(a)2Jiii §170.2(e)2Bxc
1.2	Enter Value	Measure the full light output at a location where most of the illuminance is due to the controlled lighting and enter the value in footcandles (fc). **OR** measure the power of the controlled lighting and enter the value in watts (W). (If current measurements are being used, enter the measured current in amperes (A))	NA7.6.4.2.2, Step 1(b)
2	No Entry	**Measurement of lighting system with institutional tuning overridden**	NA7.6.4.2.2, Step 2
2.1	No Entry	Reset institutional tuning controls to allow full light output. Set all lighting controls to provide maximum output of tested system including but not limited to: institutional tuning controls, manual dimmers, multilevel occupant sensing controls, and automatic daylighting controls.	NA7.6.4.2.2, Step 2(a)
2.2	Enter Value	Measure the full light output at the same location as in Step 1.2 and enter the value in footcandles (fc). **OR** Measure the power of the same circuit as in Step 1.2 and enter the value in watts (W). (If current measurements are being used, enter the measured current in amperes (A).)	NA7.6.4.2.2, Step 2(b)
2.3	Enter Value	Calculate ratio of the light or power output of the system after institutional tuning to the light or power output of the system before institutional tuning and enter the value in %. ([Step 1.2 / Step 2.2] x 100)	N/A
2.4	☐ Yes ☐ No	The light output or power after institutional tuning is 85% or less of the light output or power before institutional tuning. (Step 2.3 <= 85%).	NA7.6.4.2.2, Step 2(c), §140.6(a)2Ji §170.2(e)2Bxa
3	No Entry	If the tested system passes the test in (Step 2.4 = Y), restore institutional tuning settings.	NA7.6.4.2.2, Step 3(a)
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

STATE OF CALIFORNIA

INSTITUTIONAL TUNING PAF ACCEPTANCE DOCUMENT

CEC-NRCA-LTI-05-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTI-05-A
NRCA-LTI-05-A		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

Declaration Statement	Signatory
Document Author I assert that this Certificate of Acceptance documentation is accurate and complete.	Name Company Name Author Signature Date Signed
Field Technician I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name ATT No.: Title Phone Signature Date Signed
Responsible Person I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person). The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished	Name Company Name Lic. No.: ATE No., (If applicable): Title Phone Signature Date Signed

STATE OF CALIFORNIA

OUTDOOR LIGHTING CONTROL ACCEPTANCE TEST

CEC-NRCA-LTO-02-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTO-02-A
Photo Control		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:
Building:	Floor:	Room:

☐ Construction inspection and functional testing comply ☐ Does not comply	Date Submitted to AHJ:

Photo Controls

A-1. Photo Control Construction Inspection (NA7.8.2.1)

Step	Entry	Item	Code Reference
1	☐	The photo controls are shown on plan documents and are installed.	NA7.8.2.1
N/A	☐ Pass ☐ Fail	Construction Inspection.	N/A

B-1. Photo Control Functional Testing (NA7.8.2.2)

Step	Entry	Functional Test	Code Reference
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.8.2.2
1	Yes or No	During daytime simulation, all controlled luminaires are turned off.	NA7.8.2.2(a) §130.2(c)1 §160.5(c)2A
2	Yes or No	During nighttime simulation, all controlled luminaires are turned on.	NA7.8.2.2(b)
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

STATE OF CALIFORNIA

OUTDOOR LIGHTING CONTROL ACCEPTANCE TEST

CEC-NRCA-LTO-02-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTO-02-A
Automatic Scheduling Control		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:
Building:	Floor:	Room:

Automatic Scheduling Controls

A-2. Automatic Scheduling Control Construction Inspection (NA7.8.5.1)

Step	Entry	Item	Code Reference
1	☐	The automatic scheduling controls are shown on plan documents and are installed.	NA7.8.5.1(a)
2	☐	The automatic scheduling control is programmed with on and off schedules that match the schedules in the construction documents. **OR** If the schedule is unknown, the programmed schedule matches the default schedule where the off schedule is from 12:00 A.M. to 6:00 A.M. and the on schedule is all other nighttime hours, 7 days per week.	NA7.8.5.1(b)
3	☐	The lighting control programming includes on and off schedules for weekdays, weekends, and holidays (if applicable).	NA7.8.5.1(c)
4	☐	The correct time and date are properly set in the control.	NA7.8.5.1(d)
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-2. Automatic Scheduling Control Functional Testing (NA7.8.5.2)

Step	Entry	Functional Test	Code Reference
1	☐ Yes ☐ No	During daytime simulation, all controlled luminaires are turned off.	NA7.8.5.2(a) §130.2(c)1 §160.5(c)2A
2.	☐ Yes ☐ No	During nighttime simulation with the programmed occupied period, all controlled luminaires are turned on.	NA7.8.5.2(b) §130.2(c)2C §160.5(c)2Biii
3	☐ Yes ☐ No	During nighttime simulation with the programmed unoccupied period, the controlled luminaires are turned off or the lighting power of controlled luminaires is reduced by at least 50% and no more than 90%.	NA7.8.5.2(c) §130.2(c)2B §130.2(c)2C §160.5(c)2Bii §160.5(c)2Biii
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

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OUTDOOR LIGHTING CONTROL ACCEPTANCE TEST

CEC-NRCA-LTO-02-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTO-02-A
Motion Sensing Control		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:
Building:	Floor:	Room:

Motion Sensing Controls			
A-3. Motion Sensing Control Construction Inspection (NA7.8.1.1)			
Step	**Entry**	**Item**	**Code Reference**
1	☐	The motion sensing controls are shown on plan documents and are installed.	NA7.8.1.1(a)
2	☐	The motion sensor is located to minimize false signals.	NA7.8.1.1(b)
3	☐	The desired motion sensor coverage is not blocked by obstructions that could adversely affect performance.	NA7.8.1.1(c)
N/A	☐ Pass ☐ Fail	Construction Inspection Compliance.	N/A

B-3. Motion Sensing Control Functional Testing (NA7.8.1.2)			
Step	**Entry**	**Functional Test**	**Code Reference**
N/A	☐ Yes ☐ No	Control is representative of sample. If sampling method is used, attach a page listing untested controls in sample.	NA7.8.1.2
1	No Entry	**Simulate motion in the area under luminaire controlled by the motion sensor.**	NA7.8.1.2, Step 1
1.1	☐ Yes ☐ No	Status indicator operates correctly.	NA7.8.1.2, Step 1(a)
1.2.	☐ Yes ☐ No	Controlled luminaires turn on immediately upon entry into the controlled area.	NA7.8.1.2, Step 1(b) §130.2(c)3C §160.5(c)2Ciii
1.3	☐ Yes ☐ No	The signal sensitivity is adequate to achieve desired control.	NA7.8.1.2, Step 1(c)
2	No Entry	**Simulate no motion in the controlled area.**	NA7.8.1.2, Step 2
2.1	☐ Yes ☐ No	The controlled luminaires are turned off or the lighting power of each controlled luminaire is reduced by at least 50% and no more than 90% within 15 minutes from the start of an unoccupied condition. Fraction of light output reduction is an acceptable proxy for reduction in lighting power.	NA7.8.1.2, Step 2(a) §130.2(c)3B §130.2(c)3C §160.5(c)2Cii §160.5(c)2Ciii
2.2	☐ Yes ☐ No	The sensor does not trigger a false "on" from movement outside of the controlled area.	NA7.8.1.2, Step 2(b)
2.3	☐ Yes ☐ No	The signal sensitivity is adequate to achieve the desired control.	NA7.8.1.2 Step 2(c)
N/A	☐ Pass ☐ Fail	Functional Testing Compliance.	N/A

STATE OF CALIFORNIA

OUTDOOR LIGHTING ACCEPTANCE TEST

CEC-NRCA-LTO-02-A (Revised 06/2022)

National Lighting Contractors Association of America

CERTIFICATE OF ACCEPTANCE		NRCA-LTO-02-A
Outdoor Lighting Control Acceptance Document		
Project Name:	Project Address:	City, Zip Code:
Enforcement Agency:	Permit Number:	Permit Application Date:

Declaration Statement	Signatory
Document Author I assert that this Certificate of Acceptance documentation is accurate and complete.	Name Company Name Author Signature Date Signed
Field Technician I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name ATT No.: Title Phone Signature Date Signed
Responsible Person I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person). The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished	Name Company Name Lic. No.: ATE No., (If applicable): Title Phone Signature Date Signed