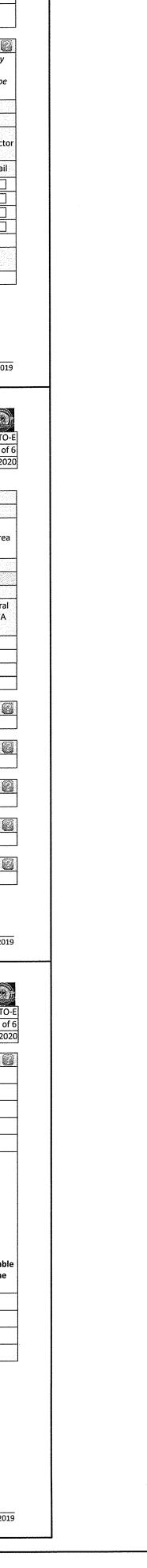
STATE OF CALIFORNIA Outdoor Lighting	STATE OF CALIFORNIA Outdoor Lighting
NRCC-LTO-E (Created 11/19) CERTIFICATE OF COMPLIANCE This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.2, §140.7, and §141.0(b)2L for outdoor lighting scopes using the prescriptive path.	NRCC-LTO-E (Created 11/19) CERTIFICATE OF COMPLIANCE Project Name: 38 UNITS CALIFORNIA ENERGY COMMISSI19 NRCC-LTO-E Report Page: Page 2 of 6
Project Name:38 UNITSReport Page:Page 1 of 6Project Address:1815-1821 S. BRAND, GLENDAE, CADate Prepared:10/05/2020	Project Address: 1815-1821 S. BRAND, GLENDAE, CA Date Prepared: 10/05/2020 D. EXCEPTIONAL CONDITIONS
A. GENERAL INFORMATION 01 Project Location (city) GLENDAE 04 Total Illuminated Hardscape Area (ft²) 7,185 02 Climate Zone 9	This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. Table H. Outdoor Lighting Controls Permit Applicant Notes:
03 Outdoor Lighting Zone per Title 24, Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ): LZ-0: Very Low - Undeveloped Parkland LZ-2: Moderate - Rural Areas LZ-4: High - Must be reviewed by CA Energy Commission for Approval	LED WALL SCONCE: Motion Sensor exempt for less than 40 watt E. ADDITIONAL REMARKS
LZ-1: Low - Developed Parkland LZ-3: Moderately High - Urban Areas B. PROJECT SCOPE	This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
Table Instructions: Include any outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)2L for alterations. My project consists of:	F. OUTDOOR LIGHTING FIXTURE SCHEDULE
01 02 ✓ New Lighting System Must Comply with Allowances from §140.7.	Table Instructions: For new or altered lighting systems demonstrating compliance with §140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)2L (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope
Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes ONO O3 O4 O5 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method	(ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage:
FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100 C. COMPLIANCE RESULTS	Name or Color Design Watts per How Wattage is Number Luminaire Status Design Watts G,200 initial lumen Field Inspector
Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance. Calculation of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)2L Compliance Results	Complete Luminaire Description Luminaire Luminaire Status per S140.7(a) Design Watts Output S130.2(b) Pass Fail
01 02 03 04 05 06 07 08 09 General Hardscape Hardscape + Application + Frontage + Ornamental Frontage + Area OR Power = Total Allowed ≥ Total Actual Total Actual	Linear
Allowance S140.7(d)2 + Application + Frontage S140.7(d)2 + S140.7(d)2	Total Designed Watts: 528 * NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
779.55 + + + + + + OR = 779.55 ≥ 528 COMPLIES Cutoff Compliance (See Table G for Details) Not Applicable	EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b).
Controls Compliance (See Table H for Details) COMPLIES with Exceptional Conditions	
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019	CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019
STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E (Created 11/19) CALIFORNIA ENERGY COMMISSI19	STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E (Created 11/19) CALIFORNIA ENERGY COMMISSI19
CERTIFICATE OF COMPLIANCE Project Name: 38 UNITS Report Page: Page 3 of 6	CERTIFICATE OF COMPLIANCE Project Name: 38 UNITS Report Page: Page 4 of 6
Project Address: 1815-1821 S. BRAND, GLENDAE, CA Date Prepared: 10/05/2020 Project Address: 1815-1821 S. BRAND, GLENDAE, CA Date Prepared: 10/05/2020	Table Continued
² For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet for the luminaire should be indicated in column 05 instead of number of luminaires. ³ Select "New" for new luminaires in a new outdoor lighting project or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select	Table Instructions: Please complete this table for areas using the allowance calculations per §140.7. General Hardscape Allowance is per Table 140.7-A while "Use it or lose it" Allowances are per General
"Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope ⁴ Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output ≥ 6,200 unless exempted by §130.2(b).	Table 140.7-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use
G. CUTOFF REQUIREMENTS (BUG) This Section Does Not Apply	it or lose it" allowance. Table I (below) Table J Table K Table L Table M Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (LZ 2 & 3) 02 03 04 05 06 07 08 09 10
H. OUTDOOR LIGHTING CONTROLS Table Instructions: Complete this table demonstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For	Area Wattage Allowance (AWA) Linear Wattage Allowance (LWA) Total General Area Description Surface Type Illuminated Allowed Density Area Allowance Perimeter Allowed Density Linear Allowance AWA + LWA
alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will	ROOF DECK Concrete 7,185 0.03 215.55 535 0.4 214 429.55
show "DOES NOT COMPLY" if the notes are left blank. For each requirement in columns 02 through 04, do not leave the field blank, instead select NA or Exempt* from the dropdown list to indicate not applicable or an exemption. Mandatory Controls	Initial Wattage Allowance for Entire Site (Watts): 350 Total General Hardscape Allowance (Watts): 779.55
01 02 03 04 05 Shut-Off Auto-Schedule Motion Sensor Field Inspector	J. LIGHTING ALLOWANCE: PER APPLICATION This Section Does Not Apply
Area Description §130.2(c)1 §130.2(c)2 §130.2(c)3 Pass Fail LED WALL SCONCE Photocontrol Yes Exempt *	K. LIGHTING ALLOWANCE: SALES FRONTAGE This Section Does Not Apply
*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. EX: Not permitted by health & safety to be turned off; EXCEPTION 1 to §130.2(c). LED WALL SCONCE Motion Sensor exempt for less than 40 watt	L. LIGHTING ALLOWANCE: ORNAMENTAL This Section Does Not Apply
	M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
Table Continued	This Section Does Not Apply N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
	This Section Does Not Apply
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019	CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019
STATE OF CALIFORNIA	STATE OF CALIFORNIA
Outdoor Lighting NRCC-LTO-E (Created 11/19) CERTIFICATE OF COMPLIANCE NRCC-LTO-E	Outdoor Lighting NRCC-LTO-E (Created 11/19) CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE CALIFORNIA ENERGY COMMISSION NRCC-LTO-E
Project Name: 38 UNITS Report Page: Page 5 of 6 Project Address: 1815-1821 S. BRAND, GLENDAE, CA Date Prepared: 10/05/2020	Project Name:38 UNITSReport Page:Page 6 of 6Project Address:1815-1821 S. BRAND, GLENDAE, CADate Prepared:10/05/2020
O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete
Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019 compliance documents/Nonresidential Documents/NRCI/ Field Inspector	Documentation Author Name: PETER SHENG ZHONG Documentation Author Statute: 6 2 Company: PERFECT DESIGN AND INVESTMENT, INC. Signature Date: 0 No. E/21737
YES NO Form/Title Pass Fail NRCI-LTO-01-E - Must be submitted for all buildings.	Address: 2416 W. VALLEY BLVD CEA/ HERS Certification (of applicable) City/State/Zip: ALHAMBRA, CA 91803 Phone:
NRCI-LTO-02-E - Must be submitted for a lighting control system; or for an Energy Management Control System (EMCS), to be recognized for compliance.	RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct.
P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in	 I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this
Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html Field Inspector	Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
YES NO Form/Title Pass Fail NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls area added to ≤ 20 □	5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of compliance is required to be included with the
luminaires.	documentation the builder provides to the building owner at occupancy. Responsible Designer Name: PETER SHENG ZHONG Responsible Designer Signature Company: PERFECT DESIGN AND INVESTMENT, INC. Date Signed:
	Address: 2416 W. VALLEY BLVD License: No. E2434
	City/State/Zip: ALHAMBRA, CA 91803 Phone: 626-289-8808 OF CALIF



38 UNITS OF APARTMENT 1815 - 1821 S BRAND GLENDALE, CA

Date 06 - 19 - 2020

Drawn J.F.

Job # F 20 - 1139

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