

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 CEC-NRCC-LTO-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTO-01-E
 Outdoor Lighting (Page 1 of 4)
 Project Name: BESSIE OWENS INTERMEDIATE Date Prepared: 4/17/2017

A. General Information

Project Address: 815 EUREKA ST. BAKERSFIELD, CA. 93305 Total Illuminated Hardscape Area: 30,062

Phase of Construction: New Construction Addition Alteration

Outdoor Lighting Zone (LZ) LZ-1 LZ-2 LZ-3 LZ-4

I have confirmed with the AHJ which LZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

B. Lighting Compliance Documents (check box for each document included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

NRCC-LTO-01-E Certificate of Compliance
 NRCC-LTO-02-E Outdoor Lighting Controls Certificate of Compliance
 NRCC-LTO-03-E Outdoor Lighting Power Allowance Certificate of Compliance
 NRCC-LTO-04-E Outdoor Lighting Existing Conditions Certificate of Compliance

C. Summary of Allowed Outdoor Lighting Power

01	Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	Watts
01	Alterations with NO increase of connected lighting load may instead use the allowed wattage from NRCC-LTO-04, page 2.	1670

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 Outdoor Lighting (Page 2 of 4)
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G. Schedule of Luminaires Exempt from the Cutoff Requirements in §130.2(b)

01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions

H. Schedule of Luminaires Exempt from the Outdoor Lighting Control Requirements in §130.2(c)

01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions

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 CEC-NRCC-LTO-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION
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 Outdoor Lighting (Page 3 of 4)
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I. Outdoor Lighting Schedule and Field Inspection Energy Checklist

01	02	03			05	06	07	08	09		
		Watts per Luminaire	How wattage was determined	Number of Luminaires					Total Installed Watts (03 x 05)	BUG Rating	Pass
Name or Item Tag	Complete Luminaire Description		CEC Default from NA8 According to §130.1(c)			Primary Function area in which these luminaires are installed (Outdoor Lighting Zone)					
P1		70	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	GENERAL HARDSCAPE	UH: UL: FVH: BVH: FH: BH:				
P2		140	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	GENERAL HARDSCAPE	UH: UL: FVH: BVH: FH: BH:				
P3		55	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	GENERAL HARDSCAPE	UH: UL: FVH: BVH: FH: BH:				
INSTALLED WATTS PAGE TOTAL:					515	Enter sum total of all pages (Sum Total INSTALLED Outdoor lighting wattage) into NRCC-LTO-01-E, Page 1					515

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: DALE FERRANTI Signature: Dale Ferranti
 Company: FERRANTI ENGINEERING CONSULTANTS Signature Date: 4/17/2017
 Address: 1211 MARICOPA HWY. SUITE 250
 City/State/Zip: OJAI, CA 93023 Phone: (805) 705-4772

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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 Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- 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.
- 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 documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: DALE FERRANTI Responsible Designer Signature: Dale Ferranti
 Company: FERRANTI ENGINEERING CONSULTANTS Date Signed: 4/17/2017
 Address: 1211 MARICOPA HWY. SUITE 250 License: E17524
 City/State/Zip: OJAI, CA 93023 Phone: (805) 705-4772

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
 CEC-NRCC-LTO-02-E (Revised 08/16) CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NRCC-LTO-02-E
 Outdoor Lighting Controls (Page 2 of 3)
 Project Name: BESSIE OWENS INTERMEDIATE Date Prepared: 4/17/2017

B. Mandatory Outdoor Lighting Control Schedule and Field Inspection Checklist

01	02	03	Standards Complying With (✓ all that apply, or leave empty if Exempted)							10	11
			04	05	06	07	08	09	Field Inspector		
Location and Application of Luminaires Being Controlled	Type/Description of Lighting Control (i.e. photocontrol, outdoor astronomical time-switch control, automatic scheduling control, part-night outdoor lighting control)	# of Units	§130.2(a)	§130.2(c)(1)	§130.2(c)(2)	§130.2(c)(3)	§130.2(c)(4)	§130.2(c)(5)	Pass	Fail	
P1	OUTDOOR MOTION SENSOR, ASTRO SWITCH	1		X	X	X			<input type="checkbox"/>	<input type="checkbox"/>	
P2	OUTDOOR MOTION SENSOR, ASTRO SWITCH	2		X	X	X			<input type="checkbox"/>	<input type="checkbox"/>	
P3	ASTRO TIME SWITCH	3		X	X				<input type="checkbox"/>	<input type="checkbox"/>	

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A. Mandatory Outdoor Lighting Control Declaration Statements

Check all that apply:

Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with §110.9(a).

Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with §130.4(b).

All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with §130.0(d).

Part-Night Outdoor Lighting Controls, as defined in Section 100.1(b), shall meet the requirements in Section 110.9(b)(5).

All outdoor incandescent luminaires rated over 100 watts, determined in accordance with Section 130.0(c), shall be controlled by a motion sensor.

All outdoor luminaires rated for use with lamps greater than 150 lamp watts, determined in accordance with Section 130.0(c), shall comply with Uplight and Glare requirements in accordance with Section 130.2(b).

All installed outdoor lighting shall be controlled by a photocell or outdoor astronomical time-switch control, or other control capable of automatically switching OFF in accordance with Section 130.2(c)(1).

All installed outdoor lighting shall be circuited and independently controlled from other electrical loads by an automatic scheduling control in accordance with Section 130.2(c)(2).

All installed outdoor lighting, where the bottom of the luminaire is mounted 24 feet or less above the ground, shall be controlled with automatic lighting controls in accordance with Section 130.2(c)(3).

For Outdoor Sales Frontage, an automatic lighting control shall be installed in accordance with Section 130.2(c)(4).

For Building Facade, Ornamental Hardscape and Outdoor Dining lighting, an automatic lighting control shall be installed in accordance with Section 130.2(c)(5).

Before an occupancy permit is granted for the newly constructed building or for the addition, or for any altered outdoor lighting controls, shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with §130.4.(a). Outdoor lighting controls shall comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix NA7.8.

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PRIME CONSULTANT

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REVISIONS

NO.	DATE	APPRD.	DESCRIPTION

CONSULTANT

FERRANTI ENGINEERING

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 1211 MARICOPA HWY, SUITE 250
 OJAI, CA 93023
 (805) 705-4772
 DALEFERRANTI@LIVE.COM

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-241
 FILE NO. 15-6

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 13-118380
 AC / FLS / SS / CL
 DATE OCT 25 2017

BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS INTERMEDIATE RELOCATABLES A101 - A106

815 EUREKA ST. BAKERSFIELD CA, 93305

OPSC or OSHPD PROJ. NO:

PROJECT NO: 16241.000

DRAWN BY: VZ

CHKD BY: DF

ISSUE DATE: 8/29/2017

SHEET TITLE

OUTDOOR TITLE 24 DOCUMENTATION

SHEET NUMBER

E1.2

CONSTRUCTION DOCUMENTS