STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 7/18) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.1, §140.6, and §141.0(b)2 for indoor lighting scopes using the prescriptive path.
Project Name: Niland Public Safety Facility Report Page: Page 1 of 8
Project Address: 8071 Luxor Ave Date Prepared: 5/14/2019

A. GENERAL INFORMATION

01	Project Location (city)	Niland	04	Total Conditioned Floor Area (ft²)	7,355
02	Climate Zone	15	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1

☑ Office ☐ Retail ☐ Warehouse ☐ Hotel/Motel ☐ School ☐ Support Areas
☐ Parking Garage ☐ High-Rise Residential ☐ Relocatable ☐ Other (write in): PUBLIC SAFETY FACILITY

B. PROJECT SCOPE

Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work		Conditioned Spaces		Unconditioned Spaces	
01		02	03	04	05
My Project Consists of: (check all that apply):		Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☑	New Lighting System	Complete Building	7,356	Complete Building	0
☐	Altered Lighting System				
	Total Area of Work (ft²):	7,356		0	

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.4(p)1.	Allowed Lighting Power per §160.6(b) (Watts)						Actual Lighting Power per §160.6(a) (Watts)					Compliance Results
	01	02	03	04	05	06	07	08	09		10
	Complete Building §140.6(c)1.	Area Category §140.6(c)2.	Area Category Footnotes §140.6(c)2(+)	Tailored §140.6(c)3. (+)	Total Allowed (Watts)	Total Designed (Watts)	Adjustments Portable Lighting §140.6(a) (-)	PAF Control Credits §140.6(a)2. (-)	Total Actual (Watts) *Includes Adjustments		05 Must be ≥ 09 §140.6
	[See Table I]	[See Table I]	[See Table K]	[See Table L]		[See Table F]	[See Table J]	[See Table R]			
Conditioned:	5,884.8				= 5,884.8	≥ 2,467			= 2,467		COMPLIES
Unconditioned:					=	≥			=		
Controls Compliance (See Table H for Details)											**COMPLIES with Exceptional Conditions**
Rated Power Reduction Compliance (See Table S for Details):											**Not Applicible**

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table H. Indoor Lighting Controls Permit Applicant Notes:
Restroom [115]: Not Required
Restroom [114]: Not Required
Janitor [116]: Not Required
Cooling Center [113]: Not Required.
Restroom [103]: Not Required
Restroom [109]: Not Required
Bed 1 [119]: Not Required
Bed 2 [122]: Not Required
Bed 3 [123]: Not Required
Bed 4 [124]: Not Required
Janitor [125]: Not Required
Restroom [126]: Not Required
Restroom [128]: Not Required
IT Communications [106]: Not Required

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

01	02	03		04	05	06	07	08	09	
Name or Item Tag	Complete Luminaire Description	Specialized Luminaire Types		Watts per luminaire¹	How Wattage is determined	Total number luminaires	Exempt per §140.6(c)3.	Design Watts	Field Inspector	
		Track	Portable						Pass	Fail
F1	F1 - 2'X4' Recessed LED W/Dim.	☐	☐	34	Mfr. Spec¹	20	☐	680	☐	☐
F10	F10 Wall Mounted Vanity Fixture	☐	☐	20	Mfr. Spec¹	6	☐	120	☐	☐
F2	F2 - 2'X2' Recessed LED W/Dim.	☐	☐	27	Mfr. Spec¹	1	☐	27	☐	☐
F3	F3 - 52" LED Pendant W/Dim.	☐	☐	18	Mfr. Spec¹	14	☐	252	☐	☐
F4	F4 - 11' Surface Mount LED Ceiling D	☐	☐	24	Mfr. Spec¹	10	☐	240	☐	☐

Table Continued

01	02	03		04	05	06	07	08	09	
Name or Item Tag	Complete Luminaire Description	Specialized Luminaire Types		Watts per luminaire¹	How Wattage is determined	Total number luminaires	Exempt per §140.6(c)3	Design Watts	Field Inspector	
		Track	Portable						Pass	Fail
F5	F5 - 4" Recessed Downlight W/Dim.	☐	☐	15	Mfr. Spec¹	60	☐	900	☐	☐
F6	F6 - Suspended Highbay W/Dim.	☐	☐	8	Mfr. Spec¹	6	☐	48	☐	☐
F7	F7 - 2' Wall Mounted LED W/Dim.	☐	☐	15	Mfr. Spec¹	6	☐	90	☐	☐
F9	F9 - 4' Surface Mount Wrap W/Dim.	☐	☐	10	Mfr. Spec¹	2	☐	20	☐	☐
						Total Designed Watts CONDITIONED SPACES:		**2,377**		

¹NOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. TRACK LIGHTING

This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)

Table Instructions:
Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a "-1 selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls

01	02	03	
Mandatory Demand Response §130.1(e)	Shut-off Controls: §130.1(c)	Field Inspector	
		Pass	Fail
Not Required < 10,000 SF	See Area Level Controls	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(c)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(a)4	Interlocked Systems §140.6(a)3	Field Inspector	
								Pass	Fail
Reception [111]	Lobby, Main Entry	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Lobby [112]	Lobby	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [115]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [114]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Janitor [116]	Janitory Closet/Utility	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Cooling Center [113]	Comm/Industrial Storage Bldg	Manual ON/OFF	Dimmer	Occ Sensor	Exempt *	Exempt *	☐	☐	☐

Table Continued

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(c)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(a)4	Interlocked Systems §140.6(a)3	Field Inspector	
								Pass	Fail
Apparatus Room [129]	Industrial Work, Low Bay	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Office [105]	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Office [104]	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Booking/Processing [100]	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Observation Room[101]	Corridor/Restroom/Support	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Interview Room [102]	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Cooridor Office Space [107]	Corridors	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Cooridor Office Space [108]	Corridors	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [103]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [109]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Conference Room [110]	Convention/Conference/Meeting	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Bed 1 [119]	Waiting Areas/Lounges	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Bed 2 [122]	Waiting Areas/Lounges	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Bed 3 [123]	Waiting Areas/Lounges	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Bed 4 [124]	Waiting Areas/Lounges	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Office Living Space [120]	Office <= 250 sqft	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Janitor [125]	Janitors Closet/Utility	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [126]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Restroom [128]	Corridor/Restroom/Support	Manual ON/OFF	Exempt *	Occ Sensor	N/A	N/A	☐	☐	☐
Locker Room [127]	Lockers	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Cooridor [117]	Corridors	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Living Area [118]	Dining Room	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
Kitchen [121]	Kitchen, Food Preparation	Manual ON/OFF	Dimmer	Occ Sensor	N/A	N/A	☐	☐	☐
IT Communications [106]	Computer Room	Manual ON/OFF	Exempt *	Exempt *	N/A	N/A	☐	☐	☐

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting;
EXCEPTION 1 to §130.1(d)2.*

		13
		Plan Sheet Showing Daylit Zones:
Restroom [115]	Not Required	
Restroom [114]	Not Required	
Janitor [116]	Not Required	
Cooling Center [113]	Not Required	
Restroom [103]	Not Required	
Restroom [109]	Not Required	
Bed 1 [119]	Not Required	
Bed 2 [122]	Not Required	
Bed 3 [123]	Not Required	
Bed 4 [124]	Not Required	
Janitor [125]	Not Required	
Restroom [126]	Not Required	
Restroom [128]	Not Required	
IT Communications [106]	Not Required	

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Conditioned Spaces

01	02	03	04	05	06		
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowances / Adjustments		
					Footnotes	PAF	Portable Ltg
Whole Building	Office Building	0.8	7,356	5,884.8	☐	☐	☐
			TOTAL: 7,356	5,884.8	See Tables J, K, R for detail		

J. POWER ADJUSTMENT: PORTABLE LIGHTING IN OFFICES

This Section Does Not Apply

K. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD FOOTNOTES

This Section Does Not Apply

L. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED SPECIAL FUNCTION AREAS

This Section Does Not Apply

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This Section Does Not Apply

P. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS

This Section Does Not Apply

Q. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This Section Does Not Apply

R. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (PAF)

This Section Does Not Apply

S. RATED POWER REDUCTION COMPLIANCE BY SPACE

This Section Does Not Apply

T. 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 Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at http://www.energy.ca.gov/2015publications/CEC-400-2015-033/appendices/forms/NRCI

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
◉	○	NRCI-LTI-01-E - Must be submitted for all buildings	☐	☐
◉	○	NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	☐	☐

U. 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 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

YES	NO	Form/Title:	Field Inspector	
			Pass	Fail
◉	○	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	☐	☐
○	◉	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	☐	☐
○	◉	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	☐	☐
○	◉	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	☐	☐

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

Documentation Author Name:	Leonard P. Maya	Documentation Author Signature:	
Company:	Design West Engineering	Signature Date:	05/14/2019
Address:	275 W. Hospitality Lane, Suite #100	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	San Bernardino, CA 92408	Phone:	(909) 890-3700

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.
2. 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)
3. 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.
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.
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 documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Leonard P. Maya	Responsible Designer Signature:	
Company :	Design West Engineering	Date Signed:	05/14/2019
Address:	275 W. Hospitality Lane, Suite #100	License:	E-19480
City/State/Zip:	San Bernardino, CA 92408	Phone:	(909) 890-3700

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REGISTERED PROFESSIONAL ENGINEER LEONARD P. MAYA No. E19480 Exp. 6-30-2021 ELECTRICAL STATE OF CALIFORNIA

PROJECT:
NILAND PUBLIC SAFETY FACILITY
8071 LUXOR AVE.
NILAND CA 92257

CLIENT:
IMPERIAL COUNTY CALIFORNIA 1907

MARK	DATE	DESCRIPTION
	04/09/19	PLAN CHECK SUBMITTAL #1
1	05/14/19	PLAN CHECK SUBMITTAL #2
2	06/11/19	PLAN CHECK SUBMITTAL #3

PROJECT NO.: TGH.012
DRAWN BY: Author
CHK'D BY: Checker
ORIGINAL DATE:

SHEET TITLE:
TITLE 24 DOCUMENTS

SHEET No.:
E-0.3