CERTIFICATE OF COMPLIANCE	NRCC-LTI-04-E
Indoor Lighting – Tailored Method	(Page 1 of 7)
Project Name:	Date Prepared:

Complete separate documents for Conditioned and Unconditioned Spaces.
This page is used to document: ☐ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

A. TAILORED METHOD LIGHTING POWER ALLOWANCE SUMMARY

01 General lighting power (Building Total from Section B of NRCC-LTI-04-E)	01	
02 General lighting power special function areas (Building Total from Section C of NRCC-LTI-04-E)	02	
03 Additional "use it or lose it" lighting power (Watts listed in each of these cells shall be identical to total allowed watts determined in Section D of NRCC-LTI-04-E. These are auto filled depending on values in Section D.		

Wall Display from Section D-1		Combined Floor Display and Task Lighting from Section D-2		Combined Ornamental and Special Effects Lighting from Section D-3		Very Valuable Merchandise from Section D-4			
	+		+		+		=	03	0

04 Total Allowed Watts using Tailored Method (add lines 1, 2 and 3)	04	0

B. TAILORED METHOD ALLOWED GENERAL LIGHTING POWER FROM TABLE 140.6-D

01	02	03	04	05	06	07
ROOM NUMBER	PRIMARY FUNCTION AREA	ILLUMINANCE VALUE (LUX)	ROOM CAVITY RATIO	ALLOWED LPD	FLOOR AREA	ALLOWED WATTS (B05 x B06)
						0
						0
						0
						0
						0
					PAGE TOTAL	0
					If multiple pages are used, enter building total here OR if one page is used, enter PAGE TOTAL here	

C. TAILORED METHOD ALLOWED GENERAL LIGHTING POWER FOR SPECIAL FUNCTION AREAS ACCORDING TO § 140.6(c)3H

☐ This section shall be used to determine allowed general lighting power **ONLY** for the following primary function areas: Exercise Center, Gymnasium; Medical and Clinical Care; Police Stations and Fire Stations; Public rest areas along state and federal roadways; other primary function areas that are listed in neither Table 140.6-C nor Table 140.6-D.

01	02	03	04	05	06	07
ROOM NUMBER	PRIMARY FUNCTION AREA	ILLUMINANCE VALUE (LUX)	ROOM CAVITY RATIO	ALLOWED LPD	FLOOR AREA	ALLOWED WATTS (C05 x C06)
						0
						0
						0
						0
						0
					PAGE TOTAL	0
					If multiple pages are used, enter building total here OR if one page is used, enter PAGE TOTAL here	

CERTIFICATE OF COMPLIANCE	NRCC-LTI-04-E
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D. TAILORED METHOD ADDITIONAL "USE IT OR LOSE IT" LIGHTING POWER ALLOWANCES

☐ Use this section to document and calculate additional lighting power for wall display, floor display, task, ornamental, special effects, or very valuable display case lighting.
☐ The additional lighting power allowance shall be the smaller of the allowed lighting power or the actual lighting power used.
☐ These additional lighting power allowances shall not be available when using §140.6(c)3H to determine the general lighting power allowance, when using the Complete Building Method, or for any areas using the Area Category Method.

D-1. ADDITIONAL ALLOWED LIGHTING POWER FOR WALL DISPLAY LIGHTING

☐ Floor displays shall not qualify for the wall display lighting power allowance.
☐ Qualifying wall lighting complies with the applicable requirements in §140.6(c)3I.

01	02	03	04	05	06	07	08	09	10	11
	ALLOTTED WATTS			**DESIGN WATTS**						
Primary Function Area	Wall Display Length in (Linear Feet)	Wall Display Power (W/lin foot)	Allotted Watts (02 x 03)	Luminaire Code	Mounting Height	Mounting Height Factor	Watts per Luminaire	# Luminaires	Design Watts (07 x 08 x 09)	Allowed Watts (smaller of 04 or 10)
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
Sum total power for wall display lighting for all function areas: .										

Project Name:	Date Prepared:

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D-2. ADDITIONAL ALLOWED LIGHTING POWER FOR COMBINED FLOOR DISPLAY AND TASK LIGHTING

- ☐ Displays that are installed against a wall shall not qualify for the floor display lighting power allowances.
- ☐ Lighting internal to display cases shall be counted EITHER as floor display lighting in accordance with §140.6(c)3J; or as very valuable display case lighting in accordance with §140.6(c)3Liii and iv.
- ☐ Additional allowed power for floor display lighting, and additional allowed power for task lighting, may be used by qualifying floor display lighting systems, qualifying task lighting systems, or a combination of both. For floor areas qualifying for both floor display and task lighting power allowances, the additional allowed power shall be used only once for the same floor area, so that the allowance shall not be additive.
- ☐ Qualifying floor display lighting complies with the applicable provision in §140.6(c)3J(v and vi).
- ☐ Additional allowed power for a combination of floor display lighting and task lighting shall be available only for (I) floors having floor displays; or (II) floors not having floor displays but having tasks having illuminance recommendations that appear in the Tenth Edition of the IES Lighting Handbook and that are higher than the general lighting level in column 2 of TABLE 140.6-D. The square footage of floor display or the square footage of task areas shall be determined in accordance with §140.6(c)3C and D, except that any floor area designed to not have floor displays or tasks, such as floor areas designated as a path of egress, shall not be included for the floor display allowance.

01	02	03	04	05	06	07	08	09	10	11
	ALLOTTED WATTS			**DESIGN WATTS**						
Primary Function Area	Square Feet of Area	Lighting Power (W/ft²)	Allotted Watts (02 x 03)	Luminaire Code	Mounting Height	Mounting Height Factor	Watts per Luminaire	# Luminaires	Design Watts (07 x 08 x 09)	Allowed Watts (smaller of 04 or 10)
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
			0		< 12 feet	1.00			0	
					12 feet to	0.87			0	
					≥ 16 feet	0.77			0	
				Total for this Primary Function Area:					0	
Sum total power for combined floor display and task lighting:										

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D-3. ADDITIONAL ALLOWED LIGHTING POWER FOR COMBINED ORNAMENTAL AND SPECIAL EFFECTS

☐ Qualifying ornamental lighting includes luminaires such as chandeliers, sconces, lanterns, neon and cold cathode, light emitting diodes, theatrical projectors, moving lights, and light color panels when any of those lights are used in a decorative manner that does not serve as display lighting or general lighting.

☐ Special effects lighting is defined as lighting installed to give off luminance instead of providing illuminance.

☐ There is no mounting height multiplier for ornamental or special effects lighting

☐ Additional allowed power for ornamental and special effects lighting may be used only for qualifying lighting systems. For floor areas qualifying for both ornamental and special effects lighting power allowances, the additional allowed power shall be used only once for the same floor area, so that the allowance shall not be additive.

01	02	03	04	05	06	07	08	09
	ALLOTTED WATTS			**DESIGN WATTS**				
Primary Function Area	Square Feet of Area	Lighting Power (W/ft²)	Allotted Watts (02 x 03)	Luminaire Code or Description (rows below accommodate 3 layers per function area)	Watts per Luminaire	# Luminaires	Design Watts (06 X 07)	Allowed Watts (smaller of 04 or Total for 08)
			0	1.			0	
				2.			0	
				3.			0	
				Total ornamental/special effects lighting for this primary function area:			0	
			0	1.			0	
				2.			0	
				3.			0	
				Total ornamental/special effects lighting for this primary function area:			0	
			0	1.			0	
				2.			0	
				3.			0	
				Total ornamental/special effects lighting for this primary function area:			0	
			0	1.			0	
				2.			0	
				3.			0	
				Total ornamental/special effects lighting for this primary function area:			0	
							Sum total allowed watts for ornamental and special effects lighting:	

Project Name:	Date Prepared:

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D-4. ADDITIONAL ALLOWED LIGHTING POWER FOR VERY VALUABLE DISPLAY CASE LIGHTING

- ☐ Lighting internal to display cases shall be counted EITHER as floor display lighting in accordance with §140.6(c)3J; or if qualifying, as very valuable display case lighting in accordance with §140.6(c)3Liii and iv.
- ☐ Case lighting is lighting of small art objects, artifacts, or valuable collections which involves customer inspection of very fine detail from outside of a glass enclosed display case.
- ☐ To qualify for this allowance, case shall contain jewelry, coins, fine china, fine crystal, precious stones, silver, small art objects or artifacts, and/or valuable collections the display of which involves customer inspection of very fine detail from outside of a locked case.
- ☐ This allowance is available only for display cases in retail merchandise sales, museum, and religious worship areas.
- ☐ Any floor area designed to not have very valuable display case lighting shall not be included for this allowance.
- ☐ A mounting height multiplier is not available.

01	02	03	04	05	06	07	08	09	10
		WATTS PER SQUARE FOOT OF QUALIFYING FLOOR AREA			**WATTS PER SQUARE FOOT OF QUALIFYING DISPLAY CASE AREA**				
Primary Function Area	Description of Display Case	Square Feet of Floor Area	Allowed W/ft^2	Allotted Watts (03 x 04)	Square Feet of Display Case	Allowed W/ft^2	Allotted Watts (06 x 07)	ACTUAL INSTALLED WATTS	ALLOWED WATTS (SMALLEST OF 05, 08, or 09)
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
			0.8	0		12.0	0		
Sum total allowed watts for very valuable display case lighting:									

ROOM CAVITY RATIO (RCR) WORKSHEET

RECTANGULAR SPACES

01	02	03	04	05	06
Room Number	Task/Activity Description	Room Length (L) (ft)	Room Width (W) (ft)	Room Cavity Height (H) (ft)	RCR 5 x H x (L+W) / (L x W)

NON-RECTANGULAR SPACES

01	02	03	04	05	06
Room Number	Task/Activity Description	Room Area (A) (ft^2)	Room Perimeter (P) (ft)	Room Cavity Height (H) (ft)	RCR 2.5 x H x P / A

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA Certification Identification (if applicable):
City/State/Zip:	Phone:

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:	Responsible Designer Signature:
Company :	Date Signed:
Address:	License:
City/State/Zip:	Phone: