

CERTIFICATE OF COMPLIANCE (Page 4 of 4) OLTG-1C
 Project Name: ICELAND SKATING RINK, (RESTORATION) Date: 02-11-2011
 ALLOWED AND INSTALLED OUTDOOR LIGHTING POWER

A	Lighting power allowance for general hardscape (from OLTG-2C Page 1 of 3)	639.2 W
B	Specific application lighting wattage allowance per unit length (from OLTG-2C Page 1 of 3)	
C	Specific application wattage allowance for ornamental lighting (from OLTG-2C Page 1 of 3)	
D	Specific application wattage allowance per application (from OLTG-2C Page 2 of 3)	
E	Specific application lighting wattage allowance per area (from OLTG-2C Page 2 of 3)	
F	Additional lighting power allowance for ordinance requirements (from OLTG-2C Page 3 of 3)	
G	Total Allowed Wattage = Sum of rows A through F:	
H	Total Installed Watts (From Luminaire Schedule, from OLTG-1C Page 2 of 4)	560 W

Complies if installed Wattage in row H is less than or equal to the Total Installed Watts Yes No

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A. OUTDOOR LIGHTING ZONE
 OUTDOOR LIGHTING ZONE: OLZ1 OLZ2 OLZ3 OLZ4
 Is the Outdoor Lighting Zone Default in accordance with 10-114, or Amended by JHA
 Complete the information below if the default Outdoor Lighting Zone has been amended by local jurisdiction having authority (JHA):
 The site is a government designated park, recreation area, wildlife preserve, or a portion thereof, and has been designated as LZ or LZ-A in accordance with Title 10-114-A, because the site is contained within such a zone.
 The local jurisdiction having authority has officially adopted a change to the State Default Lighting Zone and has notified the energy commission by providing the materials required in 10-114(D) to the Executive Director.
 The stippled change is posted on the Energy Commission website.

B. ADDITIONAL LIGHTING POWER ALLOWANCE FOR ORDINANCE REQUIREMENTS
 Are additional lighting power allowances for ordinance in Table 147- Used? No
 Complete the information below if additional lighting power allowances for ordinance requirement are used:
 The local jurisdiction having authority has officially adopted specific outdoor light levels, which are expressed as average or minimum footcandle levels, by following a public process that allowed for formal public notification, review, and comment about the proposed change.
 The local jurisdiction having authority which adopted specific outdoor light levels and has notified the Commission by providing the following materials required 10-114(I) the Executive Director.

C. ACCEPTANCE FORMS
 Required Acceptance Tests
 Designer:
 This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for the lighting system, LIT-2A. The designer is required to check the acceptance tests and list all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. If all the lighting system or control of a certain type requires a test, list the different lighting and the number of systems. The NA7 Section in the Appendix of the Nonresidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately. Forms can be grouped by type of Luminaire controlled.
 Enforcement Agency:
 Systems Acceptance. Before Occupancy Permit is granted for a newly constructed building or space or when new lighting system with controls is installed in the building or space shall be certified as meeting the Acceptance Requirements.
 The LIT-2A form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or filled and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of § 10-103(a) of Title 24 Part 6. The field inspector must receive the properly filled out and signed forms before the building can receive final occupancy. A copy of the LIT-2A for each different lighting luminaire control(s) must be provided to the owner of the building for their records.

Certificate of Acceptance OLTG-2A			
Luminaires Controlled	Equipment Requiring Testing	Description	Location
	LCC	NEAR PANEL "SE"	NEAR PANEL "SE"

1. Insert ONE for Outdoor Motion Sensor, OLS for Outdoor Lighting Shutoff Controls, OP for Outdoor Photocentric, A15 for Adjustable Trim, and ONE for Standard Non-Adjustable Trim. See also acceptance.

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CERTIFICATE OF COMPLIANCE (Page 2 of 4) OLTG-1C
 COMPLIANCE FIXTURE/LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST
 Project Name: ICELAND SKATING RINK, (RESTORATION) Date: 02-11-2011
 INSTALLATION CERTIFICATE, OLTG-1-INST (Retain a copy and verify form is completed and
 CERTIFICATE OF ACCEPTANCE, OLTG-2A (Retain a copy and verify form is completed and

Luminaire Schedule		Installed Watts	
A	B	C	D
Name or Item Tag	Luminaire Description See footnote below	Watts per luminaire	Number of luminaires
APC	1-Lamp EXTERIOR WALL PACK - 42W OLT	NO	560

Enter total into OLTG-1C, Page 4 of 4; Row H; Total Installed Watts: 560 W

1. Type of luminaire (i.e., post top, wall pack, surface, shoe box) for non-incandescent luminaires, indicate nominal lamp wattage and lamp type (i.e., fluorescent, incandescent, HID, halogen, etc.). For incandescent luminaires, indicate nominal lamp wattage and lamp type (i.e., electronic or magnetic), number of lamps and number of ballasts per luminaire. For incandescent luminaires, the luminaire wattage listed in column D shall be the maximum maximum rated wattage of a permanent factory-installed label on the luminaire, NOT the wattage of the lamp (lamp) used to determine with Section 132 (G or H). If it fails then observe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.

EXEMPT LUMINAIRES
 Name or Symbol Description of exempt luminaire in accordance with 147

#	Description	Location	#	Description	Location
1	LCC	NEAR PANEL "SE"			

SPECIAL FEATURES INSPECTION CHECKLIST (See Page 2 of 4 of OLTG-1C)
 The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

Filed Inspector Notes or Discrepancies:

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 Project Name: ICELAND SKATING RINK, (RESTORATION) Date: 02-11-2011
 Project Address: 1430 DEL PASO ROAD SACRAMENTO, CA 95815 Total Hardscape Illuminated Area: 66,235

General Information New Construction Addition Alteration
 Documentation Author's Declaration Statement
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Name: GARY COOPER Signature: [Signature]
 Company: COOPER CONSULTING Date: 02-11-2011
 Address: 320 S. 100W. If applicable CEAA DEEP #
 City/State/Zip: ORANGEVILLE, UT 84537 Phone: (916) 548-7506

Principal Lighting Designer's Declaration Statement
 I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design.
 This Certificate of Compliance identifies the lighting features and performance specifications required for compliance with Title 24, Pages 1 and 6 of the California Code of Regulations.
 The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Name: _____ Signature: _____
 Company: _____ Phone: _____
 Address: _____ License: _____
 City/State/Zip: _____ Date: _____

Principal Lighting Designer's Declaration
 I certify that this Certificate of Compliance documentation is accurate and complete, and accounts for all outdoor lighting power, including building mounted, pole mounted, as well as all other outdoor lighting designed for this site, and that Additional Lighting Power Allowances for Specific Applications or Additional Lighting Power Allowances for Ordinance Requirements have not been counted more than one time for the same area, in accordance with Section 147 of the Standards.

Outdoor Lighting Mandatory Measures
 Indicate location on building plans of Mandatory Measures Note Block THIS SHEET

LIGHTING COMPLIANCE FORMS & WORK SHEETS (Check box if worksheet is included)
 OLTG-1C Certificate of Compliance. All 4 pages required on plans for all submittals.
 OLTG-2C (Page 1 of 3) Lighting Wattage Allowance for General Hardscape, Sales Frontage, or Ornamental Lighting. Optional on plans.
 OLTG-2C (Page 2 of 3) Lighting Wattage Allowance for Per Application or Per Area. Optional on plans.
 OLTG-2C (Page 3 of 3) Additional Lighting Power Allowance for Ordinance Requirements. Optional on plans.

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OUTDOOR LIGHTING WORKSHEET (Page 1 of 3) OLTG-2C
 Project Name: ICELAND SKATING RINK, (RESTORATION) Date: 02-11-2011

A. LIGHTING POWER ALLOWANCE FOR GENERAL HARDSCAPE

AREA WATTAGE ALLOWANCE (AWA)		LINEAR WATTAGE ALLOWANCE (LWA)		INITIAL WATTAGE ALLOWANCE	TOTAL GENERAL HARDSCAPE LIGHTING ALLOWANCE
A	B	C	D	E	F
ILLUMINATED HARDSCAPE AREA	AWA PER SQUARE FOOT	AWA (A x B)	PERIMETER LENGTH OF GENERAL HARDSCAPE	LWA PER LINEAR FOOT	LWA (D x E)
FRONT	2,406	.17	3,760		
Enter total into OLTG-1C, Page 4 of 4; Row A; Lighting Power Allowance for General Hardscape:					639.2

Yes: AWA, LWA, and IWA from Table 147-A was used as appropriate for the Outdoor Lighting Zone

B. SPECIFIC APPLICATION LIGHTING WATTAGE ALLOWANCE PER UNIT LENGTH (Available only for sales frontage)

DETERMINE WATTAGE ALLOWANCE		LUMINAIRE TYPE		DESIGN WATTS	
A	B	C	D	E	F
Specific Lighting Application	Linear Foot of Frontage	Sales Frontage allowance for OLZ (watts per lf)	Wattage Allowance (B x C)	Name or Symbol	Luminaire Type
Enter total into OLTG-1C, Page 4 of 4; Row B; Specific Application Lighting Wattage Allowance Per Unit Length					

C. SPECIFIC APPLICATION WATTAGE ALLOWANCE FOR ORNAMENTAL LIGHTING

DETERMINE WATTAGE ALLOWANCE		LUMINAIRE TYPE		DESIGN WATTS	
A	B	C	D	E	F
Specific Lighting Application	Square foot of Hardscape	Ornamental Lighting Allowance for OLZ (watts per ft²)	Wattage Allowance (B x C)	Name or Symbol	Luminaire Type
Enter total into OLTG-1C, Page 4 of 4; Row C; Specific Application Wattage Allowance for Ornamental Lighting					

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ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL ELECTRICAL EQUIPMENT TO THE 2010 CALIFORNIA ELECTRICAL CODE AND THE 2008 CALIFORNIA ENERGY CODE PER TITLE 24 STANDARDS.

COOPER CONSULTING
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 email: coopsw@bcglobal.net

DESIGN & DRAFTING SERVICES

RESTORATION

ICELAND SKATING RINK

1430 DEL PASO ROAD
 SACRAMENTO, CA 95815

PROJECT NAME/ADDRESS

February 11, 2011
 PROJECT DATE

G. COOPER
 DRAWN/DESIGNER CHECKED

PLAN CHECK COMMENTS
 JANUARY 11, 2011

REVISIONS/DATES

ELECTRICAL TITLE 24 COMPLIANCE FORMS
 EXTERIOR LIGHTING

SHEET TITLE

NEW SHEET
 E3.1

SHEET 5 OF 5