OUTDOOR LIGHTING POWER ALLOWANCES

CEC-NRCC-LTO-03-E (Revised 01/16)

| CALIFORNIA | ENERGY COMMISSION |
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| CERTIFICATE OF COMPLIANCE | NRCC-LTO-03-E |
|-----------------------------------|----------------|
| Outdoor Lighting Power Allowances | (Page 1 of 4) |
| Project Name: | Date Prepared: |

| A. OUTDOOR LIGHTING POWER ALLOWANCE SUMMARY | | | | | | | | | | | | | | |
|---|--|------------------------------------|-------|---------------------------------------|-----------|-------------------|---|----|--|--|--|--|--|--|
| General Hardscape Lighting Power Allowance (Site Total from Section B of NRCC-LTO-03-E) 1. | | | | | | | | | | | | | | |
| 2. Additional Specific "use it o | r lose | it" Lighting Power Allowances list | ed in | each of these cells shall be idention | cal to to | tal allowed watts | | | | | | | | |
| determined in Section C-1 to 0 | C-4 of | NRCC-LTO-03-E. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| PER APPLICATION | | PER UNIT LENGTH | | PER HARDSCAPE AREA | | PER SPECIFIC AREA | | | | | | | | |
| from Section C-1 | | (SALES FRONTAGE) | | (ORNAMENTAL LIGHTING) | | from Section C-4. | | | | | | | | |
| | | from Section C-2 | | from Section C-3 | | | | | | | | | | |
| | + | | + | | + | | = | 2. | | | | | | |
| 3. Sum Total ALLOWED Outdo | 3. Sum Total ALLOWED Outdoor Lighting Wattage (add rows 1 and 2) | | | | | | | | | | | | | |

| Are | Linear Wa | ttage Allowanc | e (LWA) | Initial Wattage Allowance (IWA) | Total General Hardscape Lighting Allowance | | | |
|--------------|-------------------------------|--------------------------|-----------------|---------------------------------------|---|--------------------|----------------|-----------------|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
| Name of Area | Illuminated Hardscape Area | - AWA Per Square Foot | AWA (B02 x B03) | Perimeter Length of General Hardscape | LPA per Linear Foot | LWA (B05 x B06) | IWA (Watts) | B04 + B07 + B08 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| CERTIFICATE OF COMPLIANCE Outdoor Lighting Power Allowances | | | |
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C. ADDITIONAL "USE IT OR LOSE IT" OUTDOOR LIGHTING POWER ALLOWANCES FOR SPECIFIC APPLICATIONS

- □ The additional specific outdoor lighting power allowance shall be the smaller of the allowed lighting power or the actual lighting power used.
- ☐ Use Outdoor Lighting Zone (OLZ) that is documented on page 1 of NRCC-LTO-01-E to calculate the specific wattage allowances.

C-1. WATTAGE ALLOWANCE PER APPLICATION – Table 140.7-B

- Available only for qualifying locations, which include Building Entrances or Exits; Primary Entrances to Senior Care Facilities, Police Stations, Hospitals, Fire Stations, and Emergency Vehicle Facilities; Drive Up Windows; Vehicle Service Station Uncovered Fuel Dispenser, ATM Machine Lighting
- ☐ If more than one luminaire type is used per location, use multiple rows for that location

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|---|--------------------------------------|--|--------------------------------|--------------------------------|-----------------------|-----------------------|------------------------|---------------------------|---|
| | ALLOTTED WATTS | | | | DESIGN W | /ATTS | | | |
| Name of Location for Which Allowance is Claimed | Number of Qualifying Locations | Wattage Allowance per Qualifying Location | Allotted Watts (02 x 03) | Luminaire Code or Symbol | Luminaire Description | Luminaire Quantity | Watts per Luminaire | Design Watts (07 x 08) | Allowed Watts (smaller of 04 or 09) |
| | | | | | | | | | |

C-2. WATTAGE ALLOWANCE PER UNIT LENGTH (Sales Frontage) from Table 140.7-B

☐ If more than one luminaire type is used per location, use multiple rows for that location

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | | | |
|---------------------|--|---------------|-----------|-----------|-----------------------|-----------|-----------|--------------|-------------------|--|--|--|
| | AL | LOTTED WATTS | | | DESIGN W | /ATTS | | | | | | |
| Name of Location | | Wattage | Allotted | Luminaire | | | | | Allowed Watts | | | |
| for Which Allowance | Linear Feet of | Allowance per | Watts | Code or | | Luminaire | Watts per | Design Watts | (smaller of 04 or | | | |
| is Claimed | Sales Frontage | Linear Foot | (02 x 03) | Symbol | Luminaire Description | Quantity | Luminaire | (07 x 08) | 09) | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Sum total allowance for sales frontage on the site:. | | | | | | | | | | | |

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C-3. WATTAGE ALLOWANCE PER SQUARE FOOT OF HARDSCAPE AREA (Ornamental Lighting) – Table 140.7-B

- Allowance for the total site illuminated hardscape area. Luminaires qualifying for this allowance shall be rated for 100 watts or less as determined in accordance with Section 130.0(c), and shall be post-top luminaires, lanterns, pendant luminaires, or chandeliers.
- If more than one luminaire type is used per location, use multiple rows for that location

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|-------------------------|----------------|---------------|-----------|-----------|-----------------------|--------------|-----------------|--------------------|-----------------------|
| | ALLOTTED WATTS | | | | DESIGN V | /ATTS | | | |
| Name of area for which | | Wattage | Allotted | Luminaire | | | | | |
| ornamental allowance is | Square Feet of | Allowance per | Watts | Code or | | Luminaire | Watts per | Design Watts | Allowed Watts |
| claimed | Hardscape | Square Foot | (02 x 03) | Symbol | Luminaire Description | Quantity | Luminaire | (07 x 08) | (smaller of 04 or 09) |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | l l | | 1 | Sum total a | llowanco for | ornamontal ligh | ating on the cite: | |

Sum total allowance for ornamental lighting on the site:.

C-4. WATTAGE ALLOWANCE PER SQUARE FOOT OF SPECIFIC AREA - Table 140.7-B

- Allowances for Building Facades; Outdoor Sales Lots; Vehicle Service Station Hardscape; Vehicle Service Station Canopies; Sales Canopies; Non-sales Canopies; Tunnels; Guard Stations; Student Pick-up/Drop-off zone: Outdoor Dining; Special Security Lighting for Retail Parking and Pedestrian Hardscape.
- If more than one luminaire type is used per location, use multiple rows for that location

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|---|------------------------------------|---|--------------------------------|--------------------------------|-----------------------|-----------------------|------------------------|---------------------------|--|
| | ALLOTTED WATTS | | | | DESIGN V | VATTS | | | |
| Name of Location for Which Allowance is Claimed | Illuminated Area of Application | Wattage Allowance per Square Foot | Allotted Watts (02 x 03) | Luminaire Code or Symbol | Luminaire Description | Luminaire Quantity | Watts per Luminaire | Design Watts (07 x 08) | Allowed Watts (smaller of 04 or 09) |
| | | | | | Sun | a total allows | nce for specific | area on the site: | |

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| CERTIFICATE OF COMPLIANCE | NRCC-LTO-03-E |
| Outdoor Lighting Power Allowances | (Page 4 of 4) |
| Project Name: | Date Prepared: |

| 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 (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. | | | |

- 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.
- 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: |
| | |