

F: NUMBER OF LUMINAIRES is the number of identical luminaires in the space.

G: INSTALLED WATTS is total installed watts for identical luminaire installed in the space, which is the product of WATTS PER LUMINAIRE and NUMBER OF LUMINAIRES (Columns C X F).

After the page has been completed, all of the installed watts in Column G shall be added up and shown in the Page Total cell.

H: FIELD ISNPSECTOR is to verify if the items listed in the lighting schedule are equal to what was installed.

BUILDING TOTAL NUMBER OF PAGES indicates when multiple lighting schedules are present.

BUILDING TOTAL is the sum of all page totals. The sum is also to be entered into Part 4 of the LTG-1C.

If more than one page of LTG-1C (Page 2 of 4) is needed, list the Building total number of pages that were used in the appropriate cell at the bottom of the page. Add up all of the Column G page totals, and list as the Building Total (Sum of all pages).

LTG-1C Page 3 of 4 – Mandatory Lighting Controls Schedule and Field Inspection Energy Checklist

LTG-1C, Part 3 of 4 is required to show compliance with the mandatory lighting control requirements, and serves two separate functions:

1. To describe and document the mandatory lighting controls.
2. As a Field Inspection Energy Checklist to be utilized by the enforcement agency. The Field Inspector verifies at the end of installation that the LTG-1-INST and the appropriate Certificates of Acceptance have been completed. The Field Inspector also verifies that lighting control schedule describes what was installed and checks the appropriate box
 - CONTROL TYPE/DESCRIPTION lists the type of certified control device used to meet the control requirement. Such controls include occupant, daylight, dimming sensors etc. The type should use the same name as shown on the plans.
 - NUMBER OF UNITS is the number of controls of the same type.
 - LOCATION IN BUILDING indicates the room or space the control is to be used and should be named the same as shown on the plans.

The Field Inspector also verifies that lighting schedule describes what was installed and checks the appropriate box in the column.

The space entitled SPECIAL FEATURES INSPECTION CHECKLIST is provided for listing specific features of the design that required special written justification, documentation and verification.

LTG-1C Page 4 of 4 – Indoor Lighting Power for Conditioned and Unconditioned Spaces

The indoor lighting power calculations are to be separate between conditioned and unconditioned spaces. Trade-offs between the two spaces is not allowed.

- **INSTALLED LIGHTING** is total amount of watts calculated on Page 2 of the LTG-1C for either conditioned or unconditioned space as checked on Page 2 of LTG-1C
- **LIGHTING CONTROL CREDIT** is the amount watts calculated on the LTG-2C for either conditioned or unconditioned space as checked on LTG-2C
- **ADJUSTED INSTALLED LIGHTING POWER** is the difference between the **INSTALLED LIGHTING** and the **LIGHTING CONTROL CREDIT**. The result is the amount of lighting power compared to the **ALLOWED LIGHTING POWER** for compliance.
- **ALLOWED LIGHTING POWER** is calculated on the LTG-3C using the Complete Building, Area Category or Tailed Methods of compliance, for either conditioned or unconditioned space.

The designer must indicate in the space entitled **REQUIRED ACCEPTANCE TEST**, LTG-2A, and LTG-3A as to which of the installed equipment requires testing. A short description should be given of the equipment type, number of controls and the location of the building in which the system is installed.

5.7.1.1 LTG-2C: Lighting Controls Credit Worksheet

LTG-2C is used to report the lighting control credits for conditioned and unconditioned spaces. This worksheet is required whenever lighting control credits are claimed on LTG-1C (Page 4 of 4).

When certain types of automatic lighting controls are listed in Table 146-C (Power Adjustment Factors) in the Standards, a credit is permitted. This table also lists some restrictions that must be met in order to take credit for the controls. A separate worksheet must be completed for conditioned and unconditioned spaces. Check only one box as appropriate per page, for Conditioned Space, or for Unconditioned Space.

At least 50 percent of the light output of the luminaire must be within the applicable space for which the lighting control credit is claimed.

LTG-2C Page 1 of 2 – Lighting Control Credits for Non-Daylight Controls

LTG-2C (Page 1 of 2) is used to report control credits allowed in Table 146-C which are not daylighting control credits. (Daylighting control credits are separately reported on page 2 of 2). The bottom of (Page 1 of 2) is also used to add together the non-daylight control credits plus the daylight control credits to determine the total lighting control credit available.

A: ROOM # – List the room where the control device is controlling luminaires.

B: LIGHTING CONTROL DESCRIPTION – List a description of the device that is consistent with the controls listed in Table 146-C.