The following loads are separated into two columns of loads and demand factors are applied.

Column 1 is the general lighting and receptacles loads and small appliance loads Table 220.42.

Column 2 is the cooking equipment loads 220.55 and Table 220.55, fixed appliance loads 220.53, and dryer loads 220.54 and Table 220.54.

Column 1: General Lighting Load—Table 220.12.
Multiply the building square footage by 3 VA per Table 220.12.

A minimum of two small-appliance circuits are required to supply receptacles located in the kitchen, breakfast room, pantry, and dining room per NEC 220.52 (A). An additional small-appliance load is required to service the laundry loads per NEC 220.52 (B). The small-appliance circuits shall be calculated at 1500 VA each.

After the General Lighting Load is totaled, the demand factor per NEC Table 220.42 is applied per the occupancy type. For dwellings units, the first 3000 VA shall be calculated at 100%. From 3001 to 120000 VA shall be calculated at 35%, and the remaining at 25%. See the Column 1 breakdown below.

**Column 1: General Lighting Load—Table 220.12**

\[
\text{_____sq. ft} \times 3 \text{ VA} = _____\text{VA}
\]

**Small-Appliance Loads—220.52(A) and (B)**

\[
\text{_____VA} \times _____ = _____\text{VA}
\]

Total \[= _____\text{VA}\]

Ungrounded (phase) Load

Grounded (neutral) Load

**General Lighting Load and Demand Load 1—Table 220.42**

First 3000 VA @ 100% = _____VA

Next _____VA @ _____% = _____VA

Remainder _____VA @ _____% = _____VA

Total = _____VA _____VA _____VA