

Filling Out Your Lighting Retrofit Tool

Location (Column 1):

Name the room - "Accounting Room", "Shop", "BDC area", etc....

Existing Fixture Type (Column 2):

Fixture Type - "4Lamp T12 2x4", "HID High Bay", Etc... As long as you and/or your team understand and use the same language.

Existing QTY (column 3):

Fixture counts - this is the number of fixtures in that space or area (location).

Watts/Fixture (column 4):

Watts is based on the input watts of your light fixture – to find the watts click [Lamps & Ballast Table](#).

Hours/Day (column 5):

If your hours open are not the same for every day of the week, use the average hours per week.

Days/Week (column 6):

Days per week is the days you're operating even if your doors are closed to the public and you have shop work or accounting or BDC, etc...

** How to calculate your "Annual Watts" & "Annual Energy Cost":

Annual Watts = Existing QTY x Watts/Fixture x Hours/Day x Days/Week

$$1,347,840 = 3 \times 144 \times 10 \times 6$$

Annual Energy Cost = Cost Annual Watts x (your blended electricity rate)

$$\$229.13 = 1,347,840 \times \$0.17$$

Finally, add up the numbers for the individual column, "Annual Watts" & "Annual Energy Cost", and mark in their respective cell.

Overwhelmed or Not sure where to start?

BOOK A CALL

