

Technical

Planning / Layout / Installation



Shown installed with:



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Recommended fixture spacing is 36" to 72"

What size transformer is required?

Making a decision on a transformer is simply a matter of multiplying the wattage of the fixture and the amount of fixtures to be connected.

Example: 10 Integral Lights x 10 watts = 100 watts

If you are adding other fixtures to your installation, simply add those units to your total.



Cable Recommendations?

One of the misconceptions of cable sizing is that of comparing low voltage cable to standard voltage wiring. 12V electric travels through the cable differently than 120V. Voltage drop must be allowed for in considering cable size.

Generally speaking, 12/2 is adequate for runs up to 100 feet. Upsizing the cable to 10/2 is preferred when excessive run or load is applied.

How do I connect the fixtures into the system?

Connections / splices should be made with a waterproof splice kit. Keep the connection close to the fixture, in the event that repairs become necessary.