

Mountain Intaglio UV-LED exposure box wiring cuts

| | ID | gauge | color | length (in) | end 1 | end 2 | connecting |
|-----------------------|----|-------|-------|-------------|-------|-------|--|
| 12V DC wires | | | | | | | |
| <i>fan feeds</i> | A | 14 | red | 58 | fork | strip | power supply->2:1 terminal block |
| | B | 14 | black | 58 | fork | strip | power supply->2:1 terminal block |
| <i>terminal</i> | C | 14 | red | 13.75 | fork | strip | power supply->12 pole terminal block back |
| <i>block feeds</i> | D | 14 | red | 4 | fork | strip | power supply->12 pole terminal block front |
| <i>for LED strips</i> | E | 14 | black | 60 | fork | strip | power supply->12 pole terminal block front |
| | F | 14 | black | 52 | fork | strip | power supply->12 pole terminal block back |

| | | | | | | | |
|---------------------------|---|----|-------|------|-------|-------|--|
| 110V AC wires | | | | | | | |
| <i>input module</i> | G | 14 | green | 20 | spade | fork | input module->power supply GROUND |
| <i>feeds</i> | H | 14 | black | 21.5 | spade | strip | input module->2:1 terminal block LOAD |
| | I | 14 | white | 18 | spade | strip | input module->2:1 terminal block NEUTRAL |
| <i>timer</i> | J | 14 | black | 5 | spade | strip | timer position 4->2:1 terminal block LOAD |
| <i>& power supply</i> | K | 14 | black | 4 | spade | strip | timer position 1->2:1 terminal block LOAD |
| | L | 14 | black | 5.5 | spade | fork | timer position 3->power supply LOAD |
| <i>feeds</i> | M | 14 | white | 3.5 | strip | fork | terminal block NEUTRAL->power supply NEUTRAL |
| | N | 14 | white | 5 | spade | strip | timer position 2-> terminal block NEUTRAL |

| Total wire needed | inches | feet (rounded up) |
|-------------------|--------|----------------------|
| 14AWG white | 26.5 | 3 |
| 14AWG black | 206 | 18 |
| 14AWG green | 20 | 2 |
| 14AWG red | 75.75 | 7 |

Connectors needed

| | |
|-------|---|
| fork | 9 |
| spade | 7 |