

## The BENJAMIN Track Light Limiter Panel Sub-Branch Circuit Current Limiter Panelboard



### **Helps meet Energy Code Regulations**

The Benjamin ArcLight Track Light Limiter (ArcLight TLL) provides a mechanism to meet energy code mandates by limiting the current in Track Light applications by lowering the VA rating of each Track Light circuit.

### **Simplifies Load Calculations**

The energy code calculations are based on the connected loads instead of the length of the lighting track. The Benjamin ArcLight TLL panel simplifies the calculated loads while maintaining compliance with state regulations.

### **Reduce Installation Costs**

The Benjamin ArcLight TLL panel is a series-connected device that is interposed between the branch circuit breaker panel and the track lighting system.

### **New and Retrofit Applications**

The Benjamin ArcLight TLL panel is used wherever showcase lighting is applied. Retail installations, grocery stores, and warehouse shopping centers are some examples of the countless locations where it is in use today.

### **Flexible Mounting Options**

- Surface or flush wall mount
- Raintight Enclosures
- Current Limiting for up to 32 circuits
- Arrives ready to Install



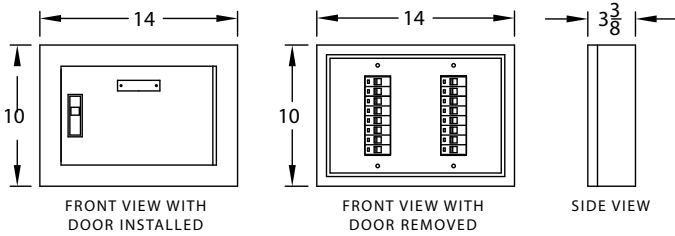
# The BENJAMIN Track Light Limiter Panel

## Specifications

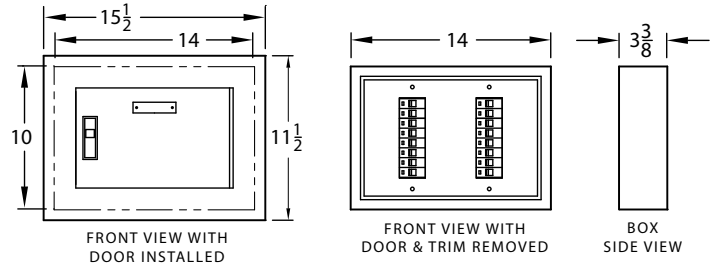
|   |  |                          |        |        |        |        |        |        |
|---|--|--------------------------|--------|--------|--------|--------|--------|--------|
| <b>Voltage Ratings:</b>                               | 120V 1Ø 2W                               | 277V 1Ø 2W               |        |        |        |        |        |        |
| <b>AIC Ratings:</b>                                   | 10kAIC @ 120V Fully Rated                | 6kAIC @ 277V Fully Rated |        |        |        |        |        |        |
| <b>Circuit Breaker Current Ratings (single pole):</b> | 0.5 Amp                                  | 1 Amp                    | 2 Amp  | 3 Amp  | 4 Amp  | 5 Amp  | 6 Amp  | 7 Amp  |
|   | 8 Amp                                    | 10 Amp                   | 13 Amp | 15 Amp | 16 Amp | 20 Amp | 25 Amp | 30 Amp |
|   | 32 Amp                                   | 40 Amp                   | 50 Amp | 60 Amp |        |        |        |        |
| <b>Certification:</b>                                 | Underwriters Laboratories Listed, UL508A |                          |        |        |        |        |        |        |

## Panel Dimensions

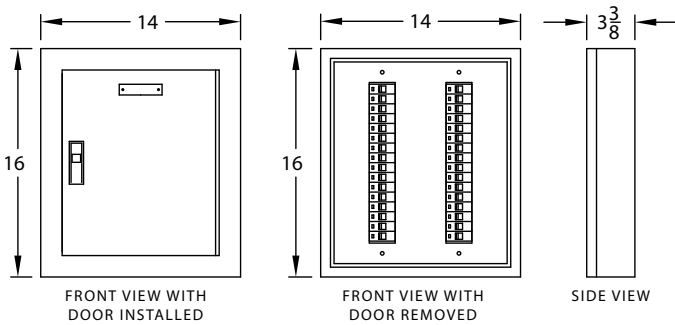
Flanged Trim Panel - up to 16 Circuits



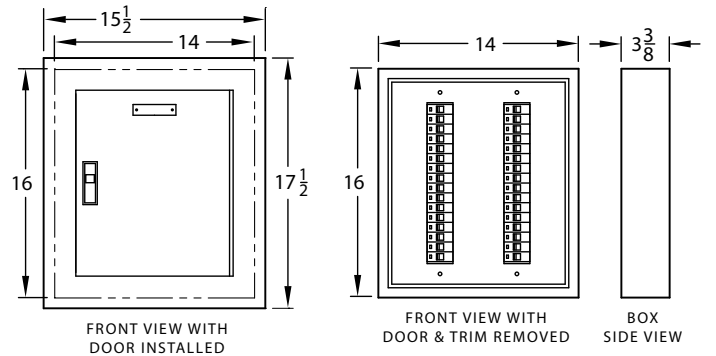
Flush Trim Panel - up to 16 Circuits



Flanged Trim Panel - up to 32 Circuits

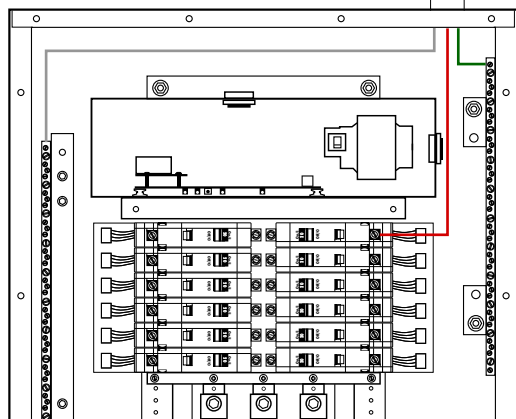


Flush Trim Panel - up to 32 Circuits



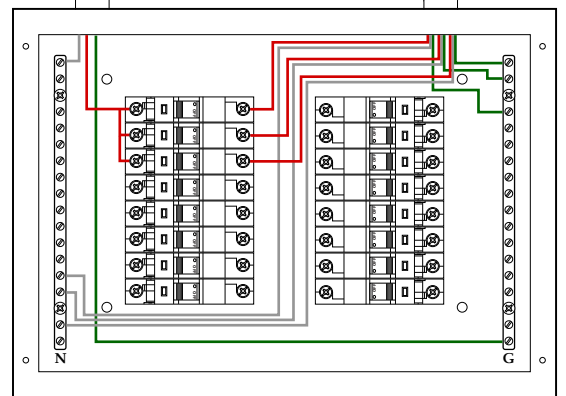
## Typical Wiring Diagram

Benjamin ArLight Panel (remote controllable circuit breakers)



from controllable circuit breaker to single or multiple current limiting breakers

Benjamin TLL Panel (track light limiting circuits)



Manufacturers of Quality Electrical Power Distribution Equipment