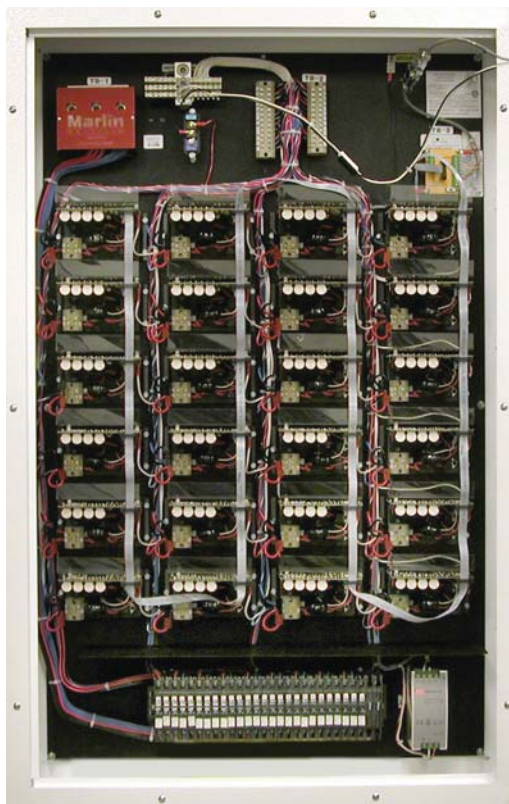


Nothing beats a classic that's stood the test of time. Star Brite dimmer panels are based on designs which have been in operation in hundreds of projects, from high-traffic restaurant kitchens to whisper-quiet churches, for twenty years. Users who need a cost-effective alternative to wallbox dimmers will appreciate the Star Brite's four programmable presets and robust operation.



Star Brite 24 - interior

- Restaurants, dining rooms, lounges
- Houses of worship
- Lecture halls, auditoriums

Dimmer Panel

- Available in four sizes: six dimmers or less, seven to 12 dimmers, 13 to 18 dimmers, and 19 to 24 dimmers
- Powdercoated steel enclosure keeps equipment safe, and a black anodized subplate and thermostat-controlled cooling fan keeps the panel cool
- Built-in primary circuit breakers
- Hinged circuit breaker cover protects against accidental switching off of circuits
- Tested at the component and system levels, with controls, at full load prior to shipment



Analog dimmer module

Dimmer Modules

- Four presets, plus “on” and “off” presets
- Fade rate from 0 to 120 seconds
- Rated 20 amps
- Modular design makes removing and re-installing dimmers easy
- Compatible with incandescent, low-voltage, cold cathode, and line voltage fluorescent dimmer ballasts such as the Advance Mark X, as well as ceiling fans
- Bypassable modules, useful for setup and troubleshooting
- Also available as a non-dim relay module



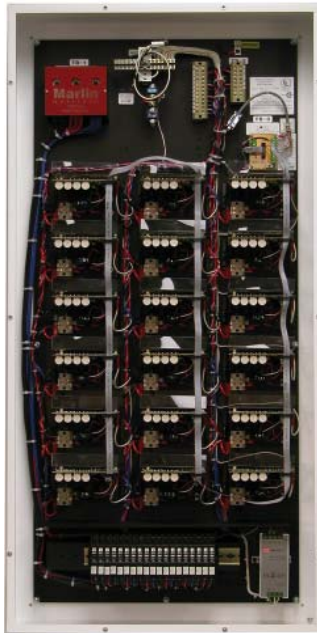
Star Brite 24 - exterior

Star Brite Panelboard Dimming Systems

Category

Dimming Systems

Photos



Star Brite 18 - interior



Star Brite 12 - interior



Star Brite 6 - interior



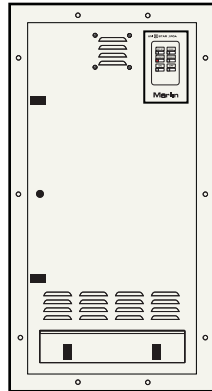
Star Brite 18 - exterior



Star Brite 12 - exterior

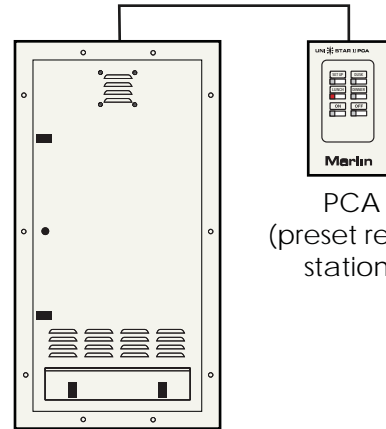


Star Brite 6 - exterior



Star Brite 18
with PCA

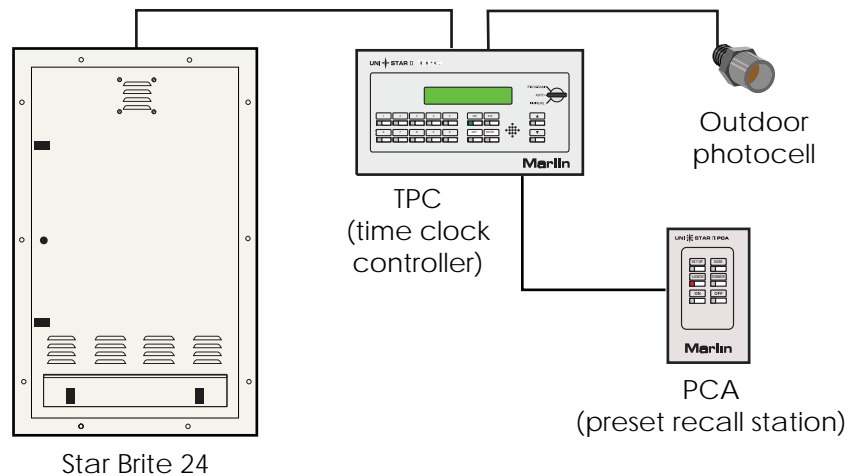
Star Brite with 18 dimmers and PCA preset recall station mounted in the dimmer panel door



Star Brite 18

PCA
(preset recall station)

Star Brite with 18 dimmers and PCA remote preset recall station



Star Brite 24

TPC
(time clock controller)

Outdoor
photocell

PCA
(preset recall station)

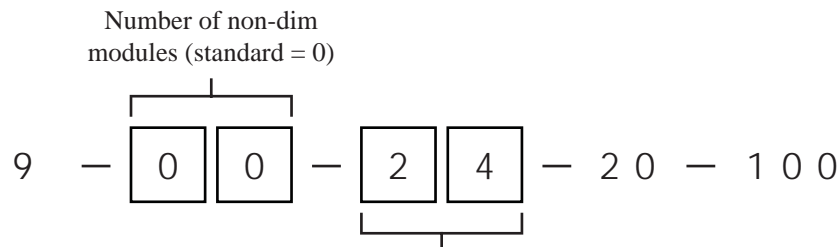
Star Brite with 24 dimmers, TPC programmable time clock for time automation, PCA preset recall station, and outdoor photocell for automation by level of sunlight

Dimmer Panel Specifications

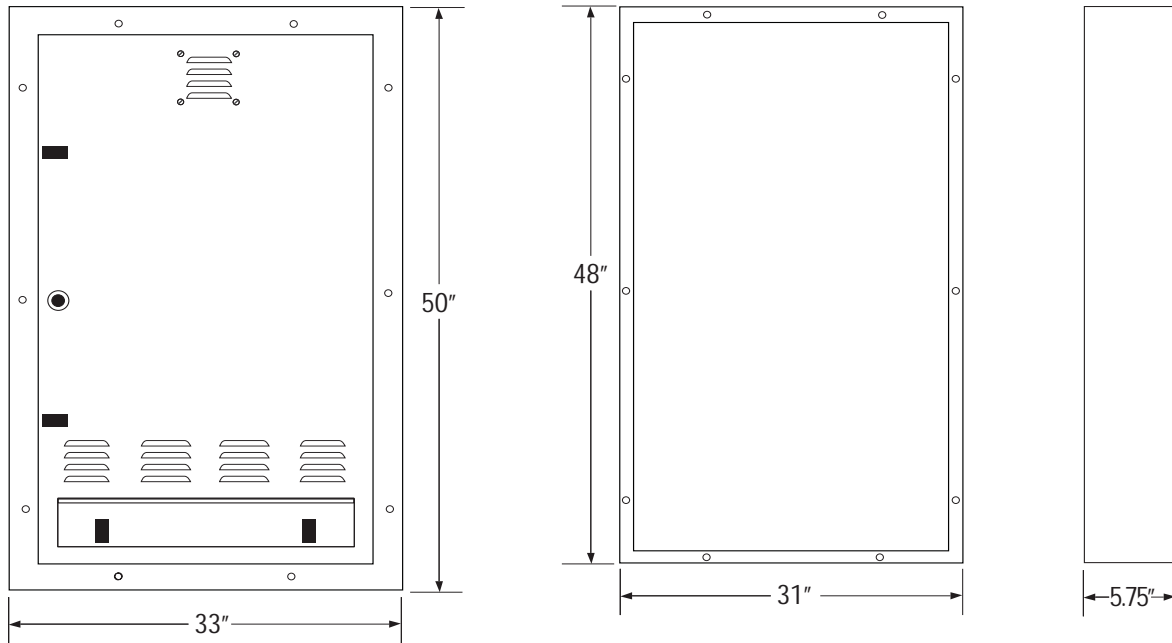
Dimmer module quantity	Star Brite 6 (extra small cabinet): 3 to 6 Star Brite 12 (small cabinet): 7 to 12 Star Brite 18 (medium cabinet): 13 to 18 Star Brite 24 (large cabinet): 19 to 24
Enclosure dimensions	Star Brite 6: 16" W x 24" H x 5.75" D Star Brite 12: 24" W x 36" H x 5.75" D Star Brite 18: 24" W x 48" H x 5.75" D Star Brite 24: 31" W x 48" H x 5.75" D
Cover dimensions	Star Brite 6: 18" W x 26" H Star Brite 12: 26" W x 38" H Star Brite 18: 26" W x 50" H Star Brite 24: 33" W x 50" H
Weight (fully loaded)	Star Brite 6: 35 lbs. Star Brite 12: 95 lbs. Star Brite 18: 125 lbs. Star Brite 24: 150 lbs.
Input voltage	120 VAC (standard); 240 VAC, 277 VAC optional
Circuit breakers	One 20 A circuit breaker per dimmer, one 10 A control circuit breaker per panel
Circuit breaker interrupt rating	10,000 A.I.C. (standard); 22,000 A.I.C. optional
Main lug only (MLO) rating	250 A maximum
Phase	Three phases, four wires (standard); single phase optional
Enclosure	Type 1, 14-gauge steel with white textured lead-free powdercoated finish; black anodized subplate
Mounting	Flush-mount enclosure
Certification	ANSI/UL 508 & 508A, CSA STD C.22 No. 14
Cooling	Thermostat-controlled fan
Ambient Temperature	0°F to 122°F
Operating Temperature	70°F to 135°F

Dimmer Module Specifications

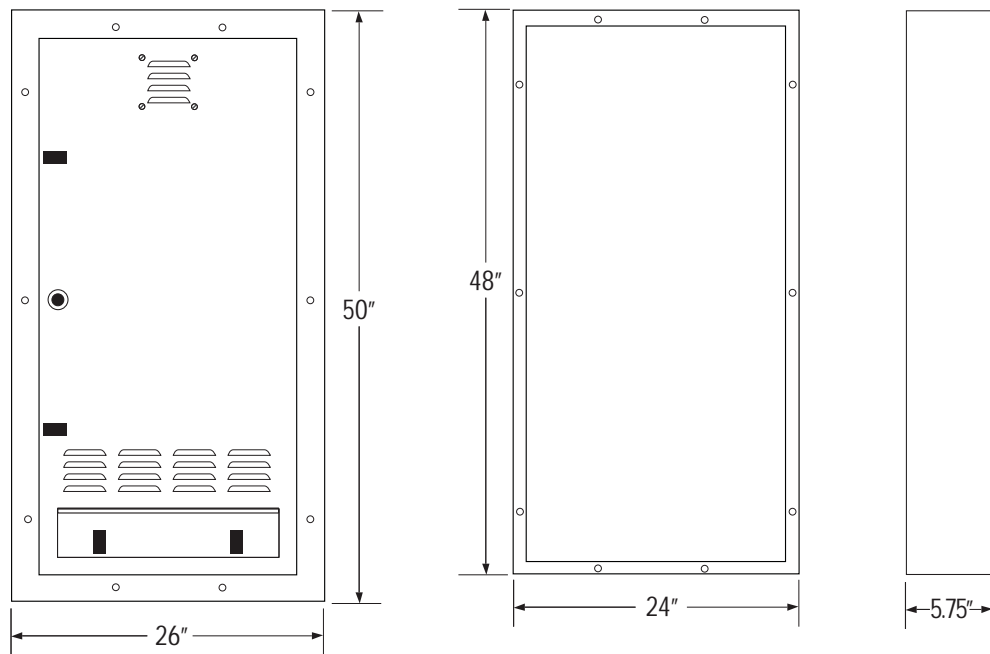
Maximum load capacity	2400 W
Minimum load	0 W
Dimmer rating	20 A
Efficiency rating	99.9%
Compatible loads	Incandescent, fluorescent (Advance Mark X), low voltage, cold cathode, ceiling fans
Fade rate	0 to 120 seconds
Power regulation device	Dual SCR
Number of presets	4, plus on and off
Cooling	Black anodized heat sink
Duty cycle	100%



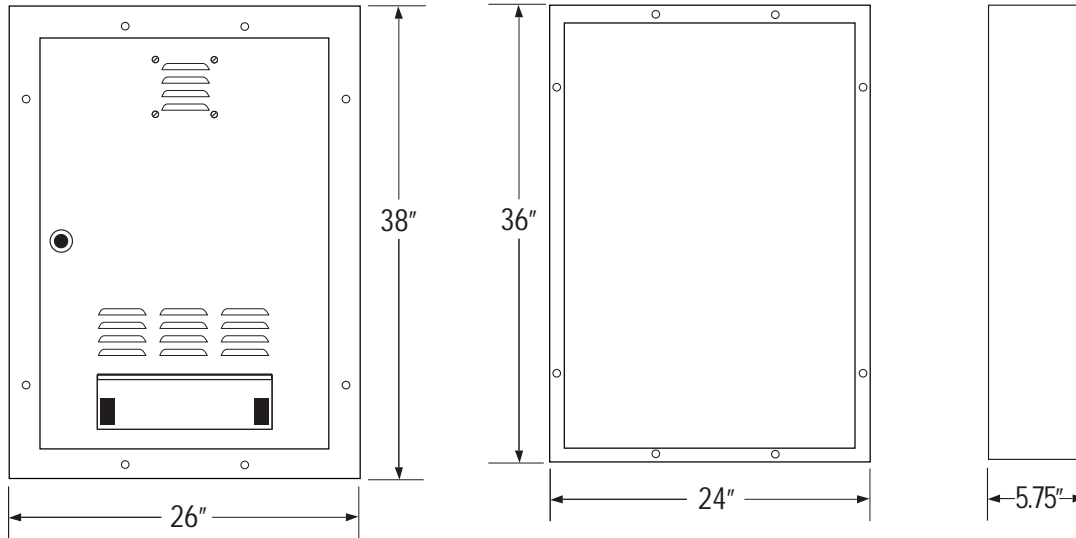
Number of dimmer modules:
 19-24 (large enclosure)
 13-18 (medium enclosure)
 7-12 (small enclosure)
 3-6 (extra small enclosure)



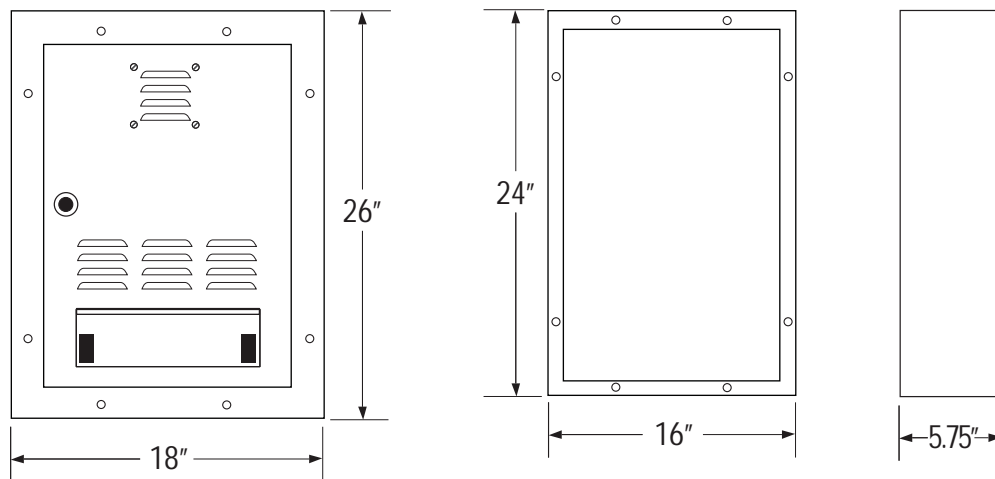
Star Brite 24 - dimensions



Star Brite 18 - dimensions



Star Brite 12 - dimensions



Star Brite 6 - dimensions

* Information within this document is subject to change without notice.