

GENERAL INFORMATION

SmartBar 2 is ETC’s latest innovation in ETC’s Smart Solutions Family, giving you next generation dimming for portable or permanent installations without busting your budget.

Set up your system and light like a pro. Just plug in and play anytime, anywhere.

APPLICATIONS

- Applications requiring distributed dimming and position flexibility:
 - Industrial productions
 - Rental productions
 - Convention and conference centers
 - Museums
 - Casinos
 - Discos
 - Multi-use venues: Gymnasiums
Cafeteriums
Multimedia rooms

FEATURES

- Convection cooled
 - No fans required
- Fixture Mount
 - Integrated fixture suspension points
- Easy Focus
 - Integrated nylon bushings
- Top or bottom feed
- Up to 1200 watts max per output
- Easy Reset
 - Resettable breaker output protection
- RDM Enabled
 - DMX512A w/RDM Remote Addressing
- Smart UI
 - Graphic level display
 - Quick setup menus
 - Button shortcut for manual control
 - User-selectable dimmer curves
 - 20 chases (preprogrammed sequences)

ORDERING INFORMATION

SmartBar 2

| MODEL | DESCRIPTION |
|------------|--|
| SB2-10-A | 2 Circuit SmartBar 2, 1 x 20A Cable in, Dual Edison output |
| SB2-10-B | 2 Circuit SmartBar 2, 1 x 20A Cable in, Stage Pin output |
| SB2-10-C | 2 Circuit SmartBar 2, 1 x 20A Cable in, Twist-Lock® output |
| SB4-10-A | 4 Circuit SmartBar 2, 1 x 20A Cable in, Dual Edison output |
| SB4-10-B | 4 Circuit SmartBar 2, 1 x 20A Cable in, Stage Pin output |
| SB4-10-C | 4 Circuit SmartBar 2, 1 x 20A Cable in, Twist-Lock output |
| SB4-10X-A* | 4 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Dual Edison output |
| SB4-10X-B* | 4 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Stage Pin output |
| SB4-10X-C* | 4 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Twist-Lock output |
| SB6-10X-A* | 6 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Dual Edison output |
| SB6-10X-B* | 6 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Stage Pin output |
| SB6-10X-C* | 6 Circuit SmartBar 2, Bi-phase (2 x 20A) Single Cable in, Twist-Lock output |
| SB6-10Y-A | 6 Circuit SmartBar 2, 3 phase Cable in, Dual Edison output |
| SB6-10Y-B | 6 Circuit SmartBar 2, 3 phase Cable in, Stage Pin output |
| SB6-10Y-C | 6 Circuit SmartBar 2, 3 phase Cable in, Twist-Lock output |

Note: For top feed, add a T to the input code (example: SB4-10XT-B)

* (-10X) Bi-phase models split Auxiliary, 1, and 2 circuits on phase 1 with circuits 3-6 on incoming phase 2.



SPECIFICATIONS

GENERAL

- 2, 4 or 6 dimmer versions available
- 1200 watt max per channel output
- UL / cUL Listed
- Installation requires attachment of safety cables, main power via flexible cable and data via DMX

MECHANICAL

- Manufactured of strong, thick walled aluminum with a black baked powder-coat finish
- Integrated, sleeved suspension points for fixtures and for mounting hardware
- Supplied with 4-1/2" long, 1/2" bolts and appropriate hardware for fixture mounting
- Convection cooled - operates without cooling fans or filters
- Sealed enclosure prevents dirt and dust intrusion

ELECTRICAL

- 85-140V phase to neutral 47-63Hz
- Input power feed (top or bottom feed)- 20A max per phase
- 2 Circuit - Single phase 2-wire Plus ground
- 4 Circuit- Choice of power entry
 - Single 12/3 SO cable for 120V hot/neutral/ground feed
 - Single 12/4 SO cable for 120/240V single (bi/2) phase feeds
- 6 Circuit - Choice of power entry
 - Single 10/5 SO cable for 120/208V three phase feeds
 - Single 12/4 SO cable for 120/240V single (bi/2) phase feeds
- Input power via an attached flexible 12' SO feed cord and bare-ends (connector not supplied)
- 2500V isolation between control and power components
- Total load can not exceed capacity of main power connection (wall outlet, 15A, 20A per phase)
- 75W minimum load per dimmer
- Dual Edison, Stage Pin or Twist-Lock outlets (1 per circuit)
- Single duplex auxiliary outlet centered on bar
- 10A magnetic supplemental circuit breaker for each output

THERMAL

- Maximum ambient temperature of 104°F (40° C)
- Humidity between 10 - 95% non-condensing
- Natural convection cooling
- Optimum cooling when mounted horizontally

CONTROL FEATURES

- DMX512 In and Thru via 5 Pin XLR connectors
- Supports up to 32 SmartBar 2s on one DMX line
- High contrast 2-line by 20-character backlit LCD with graphic channel level indication
- 6-button Smart style keypad
- 2 status LED indicators: Power and Valid DMX
- Soft patch any dimmer to any DMX channel
- Five selectable dimmer output curves:
 - IES modified square law
 - Linear
 - Switched (50% threshold)
 - Fluorescent with adjustable cut-off
 - Adjustable Pre-Heat
- Local manual control and 20 chase patterns for stand alone operation
- Multi-Language capability - English, Spanish, German, and French

ADDITIONAL INFORMATION

SmartBar 2 Accessories

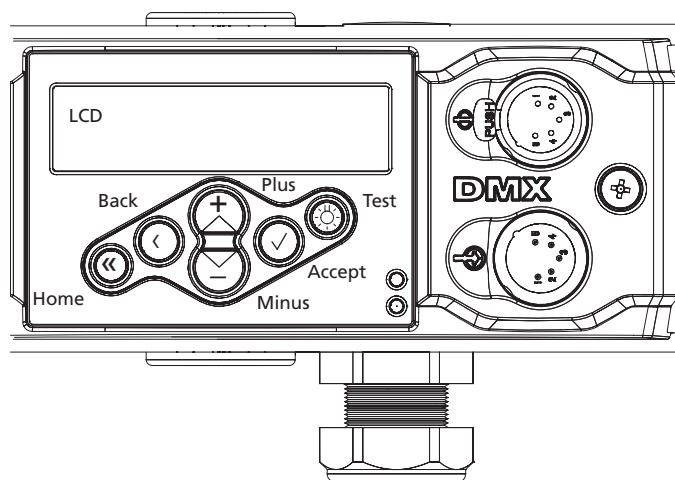
| MODEL | DESCRIPTION |
|------------|--|
| 400CC | C-Clamps |
| 400SC | Safety cable |
| ST | SmartStand and adapter (casters optional) |
| SB2-2BOLTS | Spare Bolt kit for two circuit SmartBar 2 |
| SB2-4BOLTS | Spare Bolt kit for four circuit SmartBar 2 |
| SB2-6BOLTS | Spare Bolt kit for six circuit SmartBar 2 |

Suggested Fixtures

| MODEL | DESCRIPTION |
|--------|--|
| S4 jr | Source Four junior or junior zoom ellipsoidals |
| S4 PAR | Source Four PAR EA or MCM* |
| S4 | Source Four ellipsoidals* |

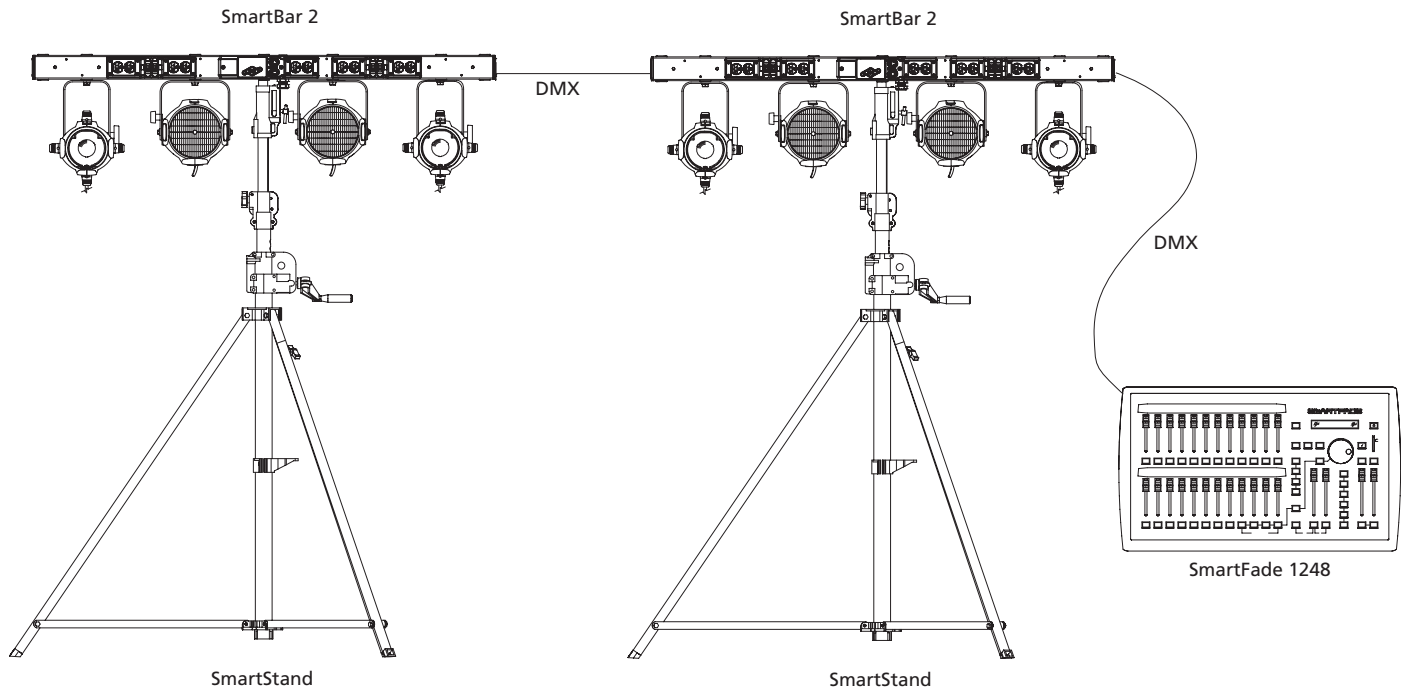
* Suggested lamp size of 375W or 575W for the single phase 4 channel bar based on 16A constant power capacity of most 20A branch breakers.

CONTROL PANEL

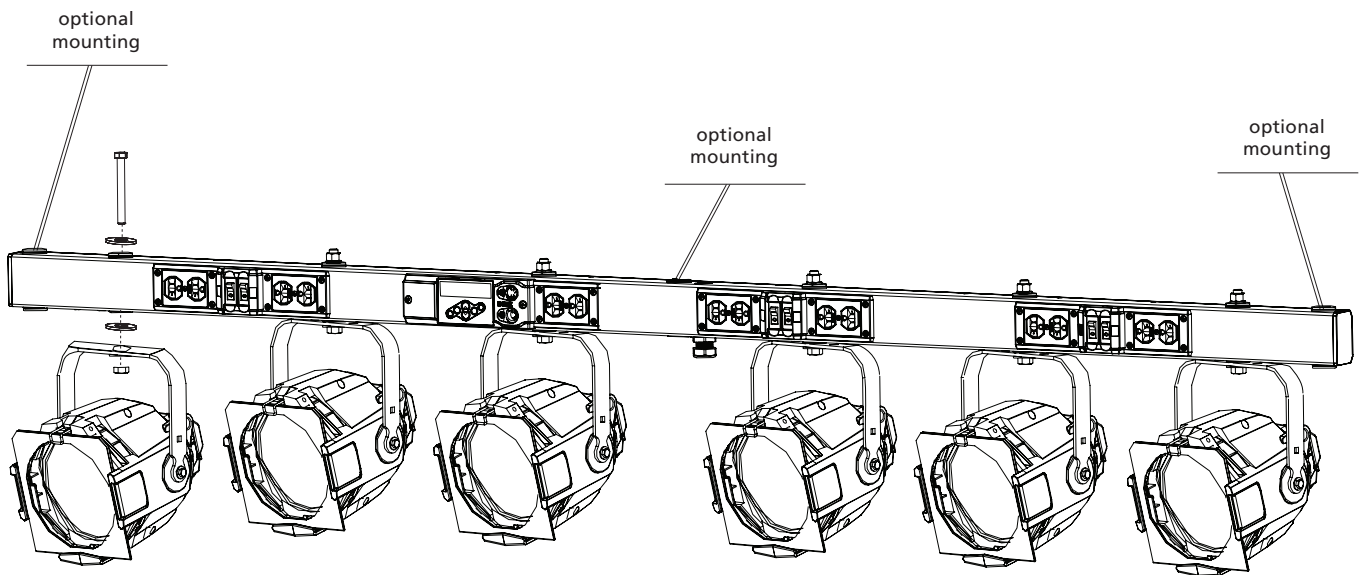


TYPICAL APPLICATIONS

SmartBar 2s on SmartStands



SmartBar 2 with Optional Mounting



PHYSICAL

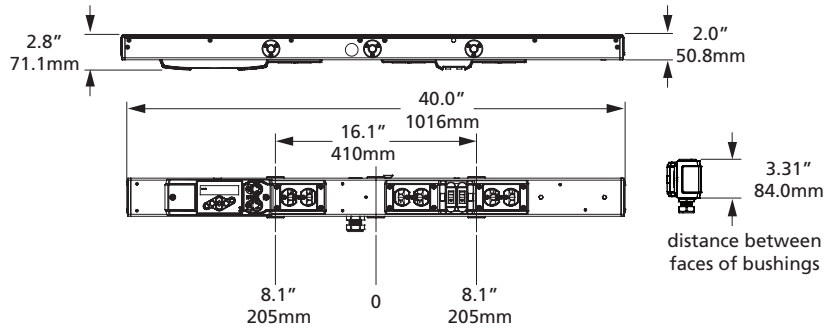
SmartBar 2 Dimensions

| MODEL | HEIGHT | | WIDTH | | LENGTH | |
|-------|--------|------|--------|------|--------|------|
| | inches | mm | inches | mm | inches | mm |
| SB2 | 3.31 | 84.0 | 2.0 | 50.8 | 40.0 | 1016 |
| SB4 | 3.31 | 84.0 | 2.0 | 50.8 | 59.7 | 1516 |
| SB6 | 3.31 | 84.0 | 2.0 | 50.8 | 87.3 | 2216 |

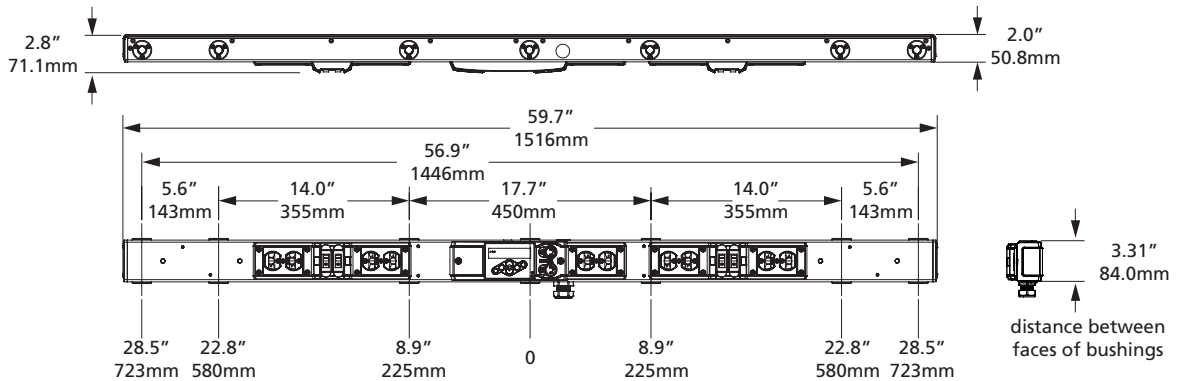
SmartBar 2 Weights

| MODEL | WEIGHT | | SHIPPING WEIGHT | |
|--------|--------|------|-----------------|------|
| | lbs | kgs | lbs | kgs |
| SB2 | 14 | 6.4 | 19 | 8.6 |
| SB4 | 18 | 8.2 | 23 | 10.4 |
| SB6-10 | 29 | 13.2 | 34 | 15.4 |

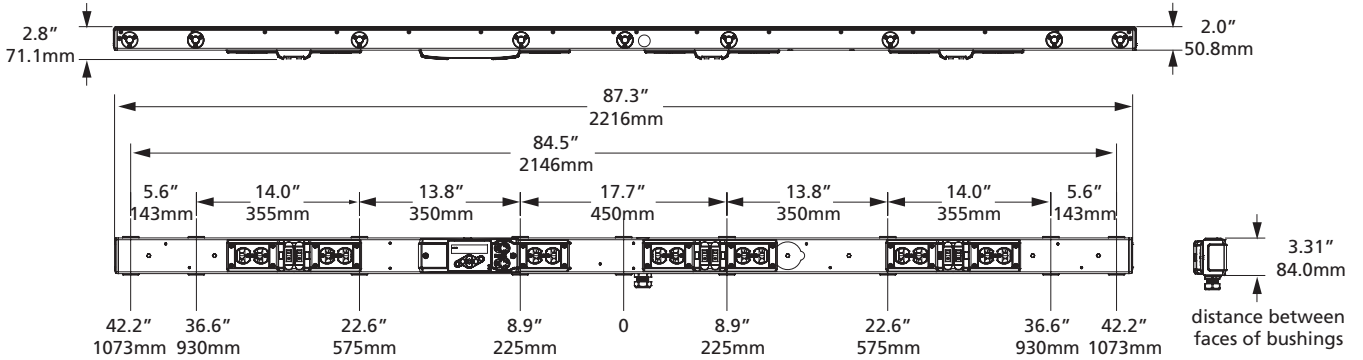
SB2



SB4



SB6



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