This backboard LED light strip kit acts as a visual indicator to communicate with basketball players, fans and officials. A strip of red LEDs behind the face of the backboard lights up when the game clock reaches zero. Alternately, the light strip can be programmed to illuminate when the game (or shot clock) horn sounds or while the clock is stopped. This kit is designed to fit typical backboard models used at high school and collegiate levels. Backboards are not provided by Daktronics.

**DIMENSIONS**

Light strips are 0.5" (13 mm) tall and 1.5" (38 mm) deep. Light strip across the top is 62" (1475 mm) wide. The two light strips on the bottom are each 18" (457 mm) wide. The lengths of the two light strips along the sides vary depending on size of backboard, either 29" (737 mm) for a 42" (1067 mm) tall backboard or 35" (889 mm) for a 48" (1219 mm) tall backboard.

**WEIGHT**

8 lb (4 kg)

**POWER**

16 VDC, 100 Watts, 0.9 Amp

**LED COLOR**

Red

**CONSTRUCTION**

Durable plastic composite material with aluminum brackets

**PAINT COLOR**

Mounting brackets are painted gloss black.

**CONTROL**

Daktronics shot clock or LED light strip controller; 18 AWG jacketed signal cable with 3-pin XLR male and female ends

**GENERAL INFORMATION**

Specifications and pricing are subject to change without notice.

**OPTIONS**

- Visual Horn Indicator Kit (high school applications only) – light strips illuminate only when scoreboard horn sounds.

**FOR ADDITIONAL INFORMATION**

- Mechanical Specifications: DWG-191155 (attached)
- Connection Detail: DWG-3285852 (attached)
- Architectural Specifications: See SL06903
- Display Manual: ED-14187
29" LIGHT STRIP @2

SEE DETAIL 'A'

62" LIGHT STRIP @1

3'-6" [1067mm]

6'-0" [1829mm]

18" LIGHT STRIP @2

LIGHT STRIP MOUNTING BRACKET @2

XLR PLUG - POWER TO COME FROM GAME SHOT CLOCK OR LIGHT STRIP CONTROLLER. USE 30' JUMPER CABLE TO CONNECT.

SECTION: A--A

ELECTRICAL SPECS FOR LED LIGHT STRIP
- PRIMARY VOLTAGE = 120VAC
- SECONDARY VOLTAGE = 16VDC
- POWER = 100W

FRONT VIEW

LED LIGHT STRIP

BACKBOARD FRAME

BACKBOARD GLASS

MOUNTING ANGLE

DETAIL: A

Daktronics, Inc. Brookings, SD 57006

Proj: TUFF Sport Scoreboards
Title: Mechanical/Elect. Spec's, NCAA Backboard LED Lights
Des. by: E. Rebhan
Drawn by: E. Rebhan
Date: 26 Jun 03

Rev: 03
Date: 17 Oct 03
Description: Added Electrical Specs

Rev: 02
Date: 21 Jul 03
Description: Fixed Layout of Light Strips

Rev: 01
Date: 15 Jul 03
Description: Updated Backboard Layout

Scale: 1" = 15

1237-E10A-191155
INSTRUCTIONS

1. STRIP 3/4" OF JACKET OFF EACH END OF W-1351.

2. STRIP 1/4" OF WHITE AND BLACK WIRES ON BOTH ENDS.

3. SLIDE THE JACKET FOR J-1125 OVER ONE END. SOLDER WHT WIRE TO PIN 2 OF J-1125. SOLDER BLK WIRE TO PIN 3 OF J-1125.

4. SLIDE THE JACKET OVER THE PLUG AND SECURE.

5. TAKE THE JACKET FROM P-1082 AND SLIDE OVER OTHER ENDS OF CABLE. SOLDER WHT WIRE TO PIN 2 OF P-1082. SOLDER BLK WIRE TO PIN 3 OF P-1082.

6. SLIDE THE JACKET UP TO THE PLUG AND SECURE.

DETAIL "A"

RETRACTABLE BASKETBALL HOOP DETAILS

CABLE IN CONDUIT TO COURTSIDE ALLSPORT J-BOX.

TO SIGNAL OUT ON LED LIGHT STRIP CONTROLLER

POWER J-BOX BY OTHERS.

0L-40683, 10FT PHONE PLUG DIGITAL.

PWR NOTE:
125V (P-1099) OR 250V (P-1345) FEMALE PLUG SUPPLIED BY DAKTRONICS. POWER CORD SUPPLIED BY DAKTRONICS.

ELECTRICAL SUB. PER SITE CONDITIONS.

POWER DRAW:
APPROX. 5A @120V OR 2.5A @240V.

DETAIL "B"

GAME/SHT CLOCK

CONNECT BB-2135 TO LOCAL SHOT CLOCK IF INSTALLED AS SHOWN

BB-2135 LIGHT STRIP

BB-2135 CABLE

0A-1230-0090

IF NO LOCAL SHOT CLOCK IS INSTALLED FIELD TERMINATE CABLE 250' MAX, PER DETAIL "B" BELOW AND ROUTE AS SHOWN TO NEAREST SCOREBOARD

CABLE ASSEMBLY NUMBERS:
1. 0A-1230-0090, 30'
2. 0A-1230-0113, 100'
3. 0A-1230-0148, 6'
4. 0A-1230-0168, 50'

BB-2135 LIGHT STRAP CONTROLLER,
0A-1230-0088

LED LIGHT STRIP CONTROLLER;
0A-1230-0099 KIT

230VOLT;
0A-1230-0180

COLORSMART CONTROLLER,
0A-1389-0051
0A-1389-0056 KIT