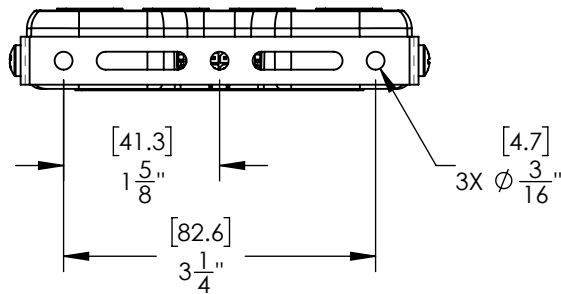
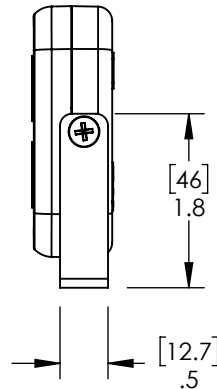
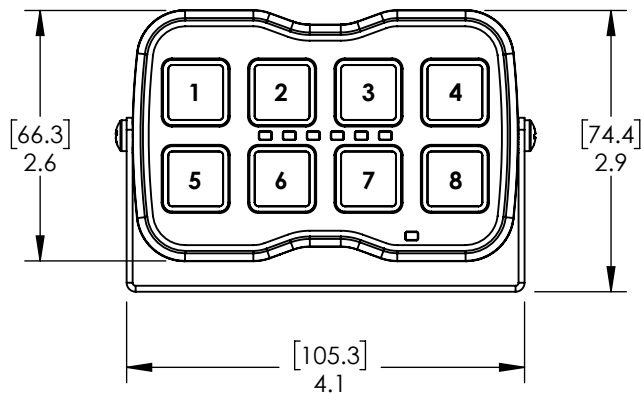
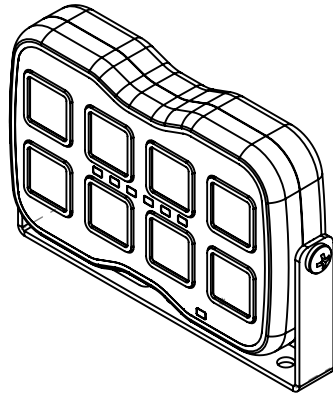


REV.	ECR	DESCRIPTION	DATE
A	17806	INITIAL DRAWING REQUEST	03/25/2021



**SPECIFICATIONS:**

OPERATING RANGE: 9-16VDC  
 NOMINAL VOLTAGE: 12 VDC  
 OUTPUT CURRENT: 12.8VDC 6@2.5A AVERAGE EACH, 2@0.05A  
 6 LED SIMULATED TRAFFIC DIRECTOR FEEDBACK  
 (LEFT, RIGHT, CENTER OUT, WARN)  
 CELL PHONE PROGRAMMABLE OPTIONS  
 OPERATING TEMPERATURE RANGE: -40F (-40C) TO 131F (55C)

**CONNECTIONS:**

12" LONG HARNESS WITH 12 PIN CONNECTOR

- PIN#1: 22AWG BROWN (PB 8)
- PIN#2: 22AWG GRAY (PB 1)
- PIN#3: 22AWG BLACK (- GROUND)
- PIN#4: 18AWG RED (+ POWER)
- PIN#5: 18AWG RED (+ POWER)
- PIN#6: 18AWG RED (+ POWER)
- PIN#7: 22AWG PURPLE (PB 7)
- PIN#8: 22AWG BLUE (PB 6)
- PIN#9: 22AWG GREEN (PB 5)
- PIN#10: 22AWG YELLOW (PB 4)
- PIN#11: 22AWG ORANGE (PB 3)
- PIN#12: 22AWG WHITE (PB 2)

**INSTALLATION:**

UNIVERSAL BRACKET 274-SB44-U (INCLUDED)  
 HEADLINER BRACKET 274-SB44-H (OPTIONAL)  
 #8-32 HARDWARE (BRACKET TO CONTROLLER)

**MATERIALS:**

OUTER HOUSING: POLYCARBONATE  
 KEYPAD: SILICONE RUBBER  
 BRACKETS: ALUMINUM  
 HARDWARE: STAINLESS STEEL  
 BUTTON LABELS: VELVET FINISH LEXAN

**PRODUCT LABEL:**

WHITE POLYESTER STOCK 3.0" X .375"  
 COLOR STAR LOGO

**INDIVIDUAL PACKAGING:** APPROXIMATELY 142g(0.31 lb.)

INDIVIDUAL BROWN BOXES  
 MODEL INFORMATION PRINTED ON ON LABEL

**INSTRUCTION SHEET:**

1 PROVIDED (ENGLISH)

**UNLESS OTHERWISE SPECIFIED**

DIMENSIONS ARE IN INCHES

TOLERANCES:

ANGULAR: ± 2 DEG.  
 .X ± .100  
 .XX ± .020  
 .XXX ± .005  
 .XXXX ± .001

RoHS COMPLIANT: YES

MATERIAL:

N/A

FINISH:

N/A

DRAWN BY: MD

**DRAWING APPROVED BY ECR**

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**STAR HEADLIGHT & LANTERN CO., INC.**

455 Rochester St. Avon NY 14414  
 Ph:(585) 226-9500 Fax: (585) 226-2029

MODEL: SB44-8

TITLE: SB44-8 MODEL DRAWING

DWG. NO.

SB44-8

REV

A

SCALE: 1:2

DO NOT SCALE FROM DRAWING

SHEET 1 OF 1