

Homestead Class 1 LED Light Bar Installation Instructions

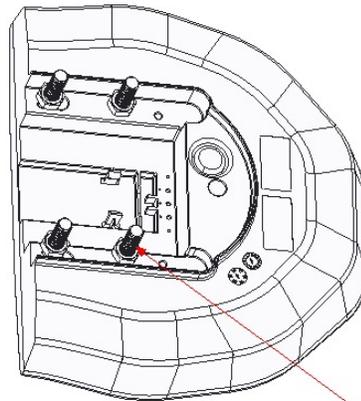
For model numbers: 100LB0008, 100LB0009, 100LB0010,
100LB0011, 100LB0012, 100LB0037



SECTION 1: MOUNTING

PERMANENT MOUNT (SCREW): 100LB008, 100LB0009, 100LB0010, 100LB0011, 100LB0012

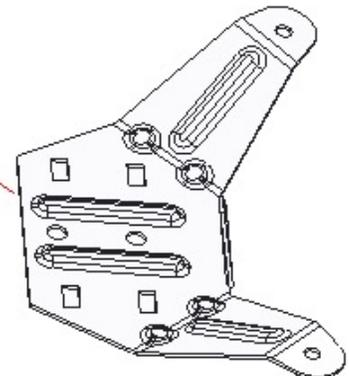
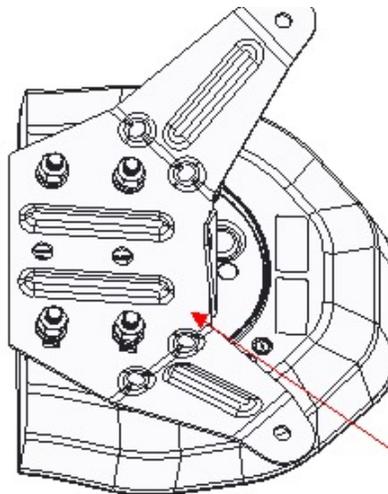
1. Slide the hex head bolts into the grooves along the bottom of the light bar (4 at each end).




short hex head bolt (8)

2. Place bracket (2) on top of hex bolts.

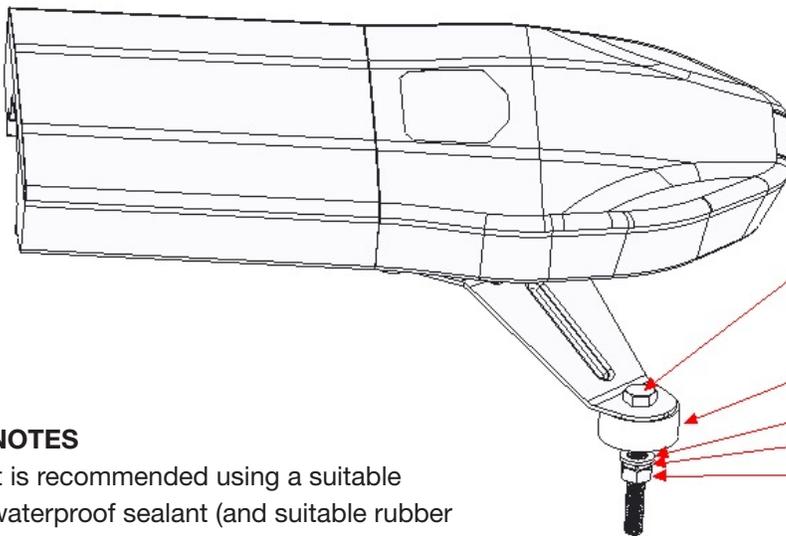
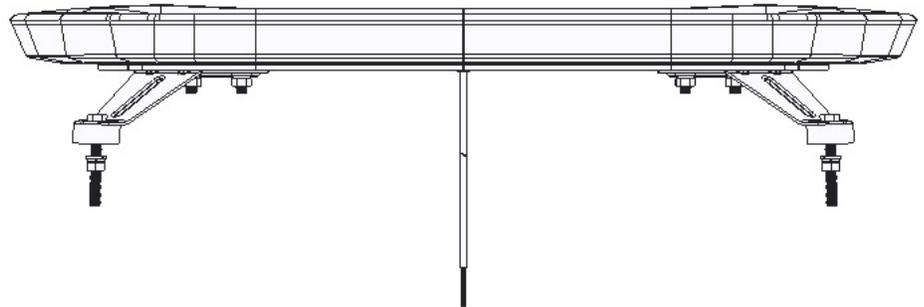
3. Stack flat washer, spring washer and hex nut onto the bolts installed in the grooves. Do not overtighten.



SECTION 1 CONTINUED: MOUNTING

4. Adjust the bracket position to suit the profile of the vehicle roof before tightening.

5. Before drilling holes, carefully measure to find the desired location on the vehicle's roof. Ensure damage is not done to electronics, the roof lining and the roof structure is not compromised. The holes should be of a suitable size. You must drill an extra hole for the cable. It is also important that only the feet of the bracket are touching the roof of the vehicle. Install long hex bolt and rubber gasket above the roof and the flat washer, spring washer and hex nut below the roof and tighten.



long hexagon bolt (4)

rubber washer (4)

flat washer (4)

spring washer (4)

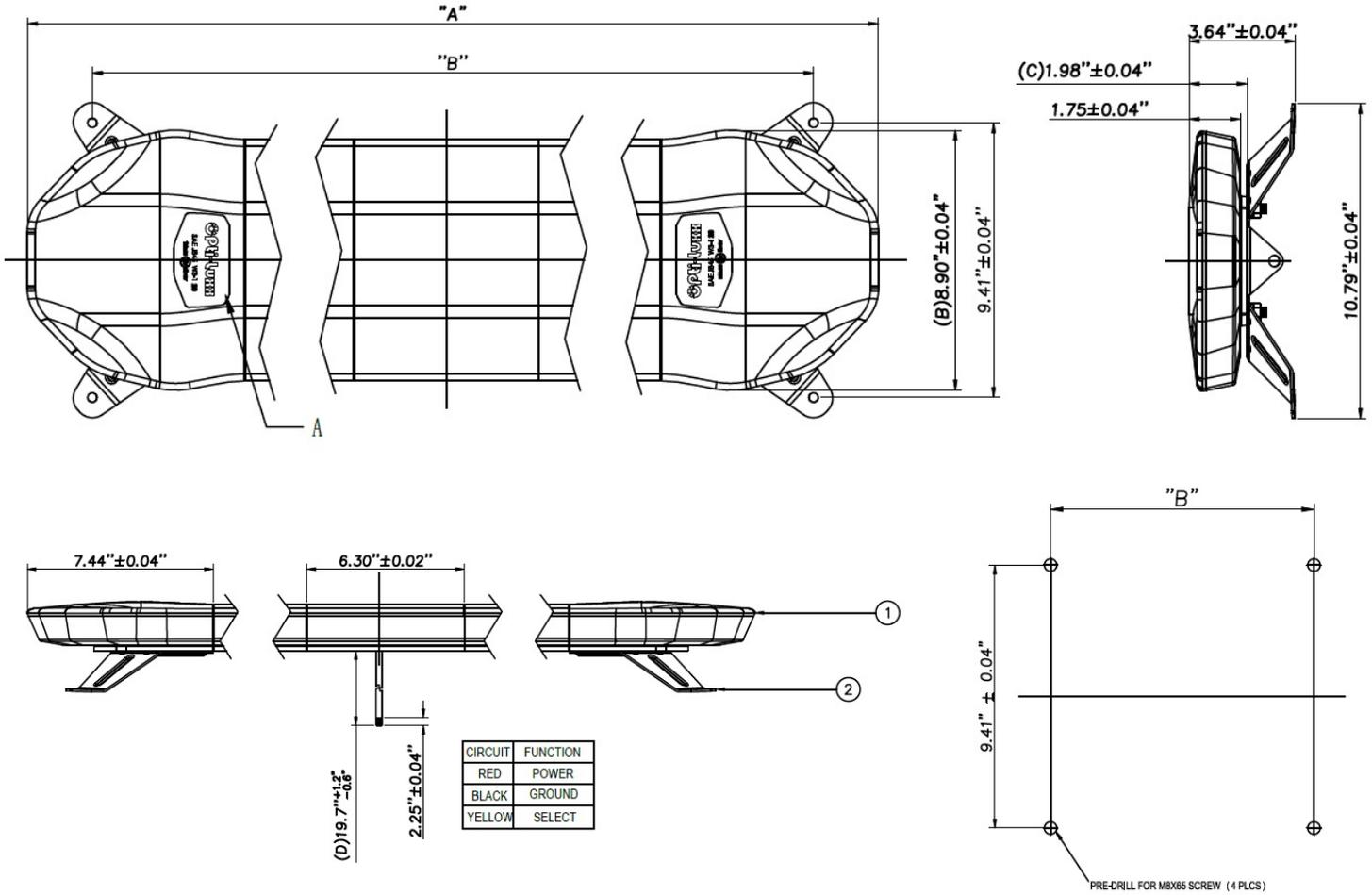
hex nut (4)

NOTES

It is recommended using a suitable waterproof sealant (and suitable rubber grommet for the cable) to ensure the roof is waterproof. It is also important to treat the holes drilled in the roof with a suitable rust prevention solution.

Do not overtighten hex bolts.

SECTION 2: MEASUREMENTS



PART		A	B	LIGHT MODULE QTY			CURRENT @13.5V		CURRENT @28.0V	
NUMBER	REV	DIMENSION (inch)	DIMENSION (inch)	MIDDLE	END	WEIGHT (lbs)	NOM (A)	MIN/M AX (A)	NOM (A)	MIN/MAX (A)
100LB0008	C	21.22"	16.76"	1	2	3.03	3.10	2.50/3.70	1.70	1.20/2.20
100LB0009	C	27.56"	23.10"	2	2	4.33	3.60	3.20/4.00	1.80	1.60/2.00
100LB0010	C	33.86"	29.40"	3	2	5.63	4.30	3.80/4.80	2.15	1.90/2.40
100LB0011	C	40.16"	35.70"	4	2	6.93	5.40	4.80/6.00	2.70	2.40/3.00
100LB0012	C	46.51"	42.05"	5	2	8.23	5.90	5.30/6.50	3.00	2.70/3.30
100LB0012	C	52.85"	48.39"	6	2	9.53	6.70	5.80/7.00	3.40	3.10/3.60

SECTION 3: WIRING

WIRE FUNCTION – 100LB0008, 100LB0009, 100LB0010, 100LB0011, 100LB0012, 100LB0037 BARE 3-WIRE CABLES

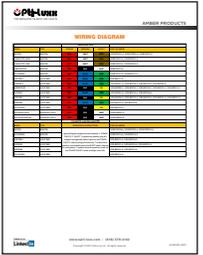
Red – Power

Blue – Ground

Yellow – Select (To change the flash pattern, touch and hold to power wire for one second until the desired pattern is selected)

NOTE: Wiring chart on website: <https://opti-luxx.com/resources> or scan this QR:

HOMESTEAD WIRING CHART



SECTION 4: FLASH PATTERN DETAIL AND SPECIFICATIONS

PATTERN	DESCRIPTION	FPM
1**	SINGLE FLASH	125
2	DIRECTIONAL + ALTERNATING + FLASH	21
3	SINGLE + QUINT	32
4	SINGLE + TRIPLE + QUINT	20
5	ALTERNATING + RAPID ALTERNATING + FLASH	20
6	ALTERNATING + DOUBLE FLASH	25
7	TRIPLE	28
8	ALTERNATING + TRIPLE FLASH	21
9	ALTERNATING	21
10	DIRECTIONAL	14

* DEFAULT PATTERN
 ** SAE J845 CLASS 1 COMPLIANT
 PATTERN SETTING: A) POWER LIGHT BAR B) MOMENTARILY APPLY POWER TO YELLOW CIRCUIT C) REPEAT FOR NEXT PATTERN

NOTES

- Lights to meet the following requirements:
 - FMVSS/CMVSS 108
 - SAE Standards: J845/2139 Class 1
- Operating Conditions:
 - Voltage:
 - Automotive: 9–16Vdc.
 - Industrial: 10–30Vdc.
 - Temperature: –40° to +65°C

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices. Improper use or installation may void warranty coverage.

If you have questions regarding this product, please refer to our website: www.opti-luxx.com/resources or you may email Customer Service at: customerservice@opti-luxx.com.

HOMESTEAD BROCHURE

HOMESTEAD FLASH PATTERNS



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