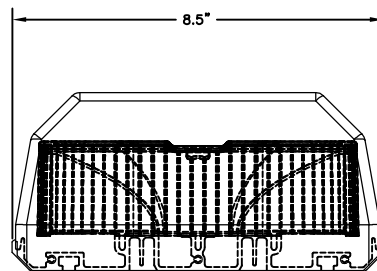
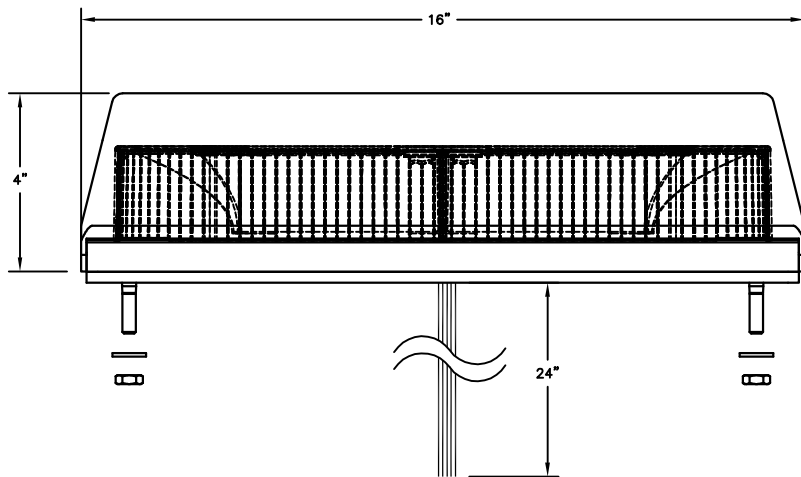


**9016LED Series StarBeam™
M-Tech® LED Mini-Bar** 1/9/14



MODEL #	PERM. MOUNT	STANDARD MAGNETS	VACUUM MAGNET	CIG PLUG	CLEAR DOME	COLORED DOME	APPROVAL MARKINGS (see note)	APPROVAL	INPUT VOLTAGE RANGE	CURRENT DRAW (A)
9016LED-AA-A	X					X	SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.3A
9016LED-AA-C	X				X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.0A
9016LED-AB	X				X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.8A
9016LED-AG	X				X			N/A	10-30VDC	2.8A
9016LED-AR	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.0A
9016LED-AW	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.8A
9016LED-BB	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	3.6A
9016LED-BW	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	3.6A
9016LED-CAR	X	X			X			N/A	10-30VDC	2.0A
9016LED-CARA	X	X			X			N/A	10-30VDC	2.0A
9016LED-GG	X	X			X			N/A	10-30VDC	3.6A
9016LED-GR	X	X			X			N/A	10-30VDC	2.8A
9016LED-RB	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.8A
9016LED-RR	X	X			add "-C"	X	SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.0A
9016LED-RW	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	2.8A
9016LED-WW	X	X			X		SAE W3-1 12	SAE J845 CLASS 1	10-30VDC	3.6A



SPECIFICATIONS:

Typical Input Voltage Range: 10.0 - 30.0VDC

Typical Current Draw: 2.0 - 3.6A

Lumen maintenance: 70% lumen after 50,000 hours of operation

Operating Temperature Range: -30C to 50C

Connections: 24.0±1" wires exiting the unit.

Permanent Mounting: 4 Bolt Pattern (See Dwg)

Dimensions: 16.0L x 8.5W x 4.5H

Materials:

Outer Dome: Polycarbonate

Inner Domes: Polycarbonate

Base: Extruded Aluminum

Reflector: Vacuum metalized polycarbonate

Mounting gasket: Closed cell EPDM Rubber

Mounting hardware: 300 series stainless steel

- 1/4" x 20 x 1-1/4" Bolt (4)

- 1/4" Flat Washer (4)

- 1/4" x 20 Hex Nut (4)

18 GA RED WIRE (+10-30VDC)
18 GA BLACK WIRE (-GROUND)
22 GA WHITE WIRE (SYNCHRONIZATION) CONNECT TO ANOTHER UNIT
22 GA RED/GREEN WIRE (PATTERN SELECT) TOUCH TO +10-30VDC AND RELEASE 22 GA PURPLE WIRE (HIGH/LOW) CONNECT TO GROUND TO ACTIVATE LOW POWER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES Drill Tolerances ± 0.003 Artwork and board size TOLERANCES: ANGULAR: ± 2 DEG. .X ± .100 .XX ± .020 .XXX ± .005 .XXXX ± .001	DRAWN BY: TA	STAR HEADLIGHT & LANTERN CO., INC.	
RoHS COMPLIANT: NO		MODEL: 9016LED-**	
MATERIAL: N/A		TITLE: MODEL DRAWING	
FINISH: N/A	DWG. NO. 9016LED	REV A	
	SCALE: 1:1	DO NOT SCALE FROM DRAWING	SHEET 1 OF 1