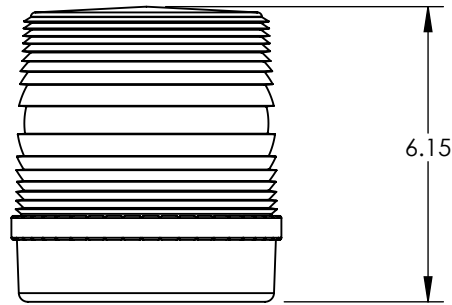


REV.	ECR	DESCRIPTION	DATE
-	14995	INITIAL DRAWING REQUEST	04/10/18



**SPECIFICATIONS:**

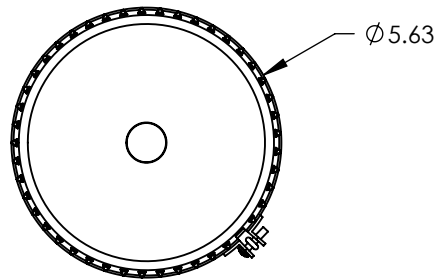
TYPICAL INPUT VOLTAGE RANGE: 9-32VDC  
 TYPICAL CURRENT DRAW: 12.8VDC=0.5A  
 TYPICAL CURRENT DRAW: 25.6VDC=0.3A  
 TYPICAL LIGHT OUTPUT (8 WARM WHITE LED'S): 1144 lm PEAK  
 TYPICAL LIGHT OUTPUT (8 COOL WHITE LED'S): 1223 lm PEAK  
 TYPICAL LIGHT OUTPUT (8 PC AMBER LED'S): 880 lm PEAK  
 LUMEN MAINTENANCE: 85% LUMEN AFTER 100,000 HOURS OPERATION  
 OPERATING TEMPERATURE RANGE: -40C TO 55C  
 CONNECTIONS: 18 GAGE RED WIRE MIN. 16" LONG + POWER  
                   18 GAGE BLACK WIRE MIN. 16" LONG - GROUND  
                   18 GAGE GREEN WIRE MIN. 16" LONG - PATTERN SELECT  
                   20 GAGE WHITE WIRE MIN. 16" LONG SYNCHRONIZATION

**INSTALLATION:**

MULTI HOLE MOUNTING/ 1/2" PIPE MOUNT

**MATERIALS:**

DOME: POLYCARBONATE  
 HOUSING: POWDER COATED CAST ALUMINUM  
 MOUNTING GASKET: EPDM FOAM RUBBER



MODELS	DESCRIPTIONS	SAE J845 CLASSIFICATIONS
200S-12V-A	WARNING BEACON; AMBER; 9-32VDC; 1/2" NPT MOUNT; AMBER DOME; 4 WIRES	CLASS I
200S-12V-AC	WARNING BEACON; AMBER; 9-32VDC; 1/2" NPT MOUNT; CLEAR DOME; 4 WIRES	CLASS I
200S-12V-B	WARNING BEACON; BLUE; 9-32VDC; 1/2" NPT MOUNT; BLUE DOME; 4 WIRES	TBD
200S-12V-C	WARNING BEACON; WHITE; 9-32VDC; 1/2" NPT MOUNT; CLEAR DOME; 4 WIRES	CLASS I
200S-12V-G	WARNING BEACON; GREEN; 9-32VDC; 1/2" NPT MOUNT; GREEN DOME; 4 WIRES	N/A
200S-12V-R	WARNING BEACON; RED; 9-32VDC; 1/2" NPT MOUNT; RED DOME; 4 WIRES	TBD

**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: 200S-12V-\*

TITLE: MODEL DRAWING

DWG. NO. 200S-12V REV -

SCALE: 1:4 DO NOT SCALE FROM DRAWING SHEET 1 OF 1