REVISIONS

REV.	ECN	DESCRIPTION	DATE	BY	APVD
A	R0902	RELEASE FOR PRODUCTION	8/4/09	TB	ST
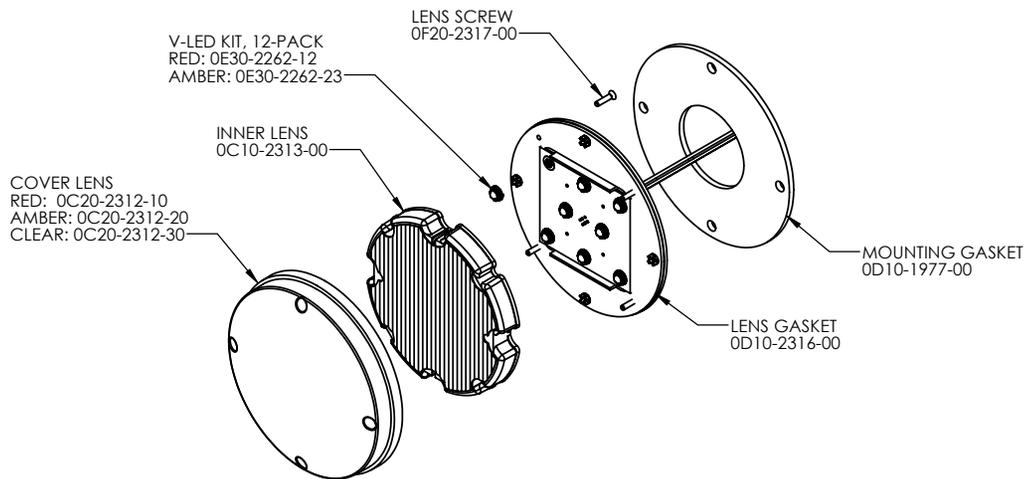
NOTES:
1. LED WARNING LAMP ASSEMBLY PART NUMBERS:
   RED = 1020-9000-10
   AMBER = 1020-9000-20
2. EXCEEDS J887 REQUIREMENTS FOR PHOTOMETRIC INTENSITY AND FLASH ENERGY.
3. COMPLIES WITH FMVSS 108.
4. INPUT VOLTAGE RANGE: 10-16VDC
5. CURRENT DRAW:
   RED = 0.70A-0.90 PEAK
   AMBER = 1.25A-1.45A PEAK
6. OPERATING TEMPERATURE RANGE: -40 TO +65C

FEATURES:
- 5-YEAR WARRANTY
- FULLY SERVICEABLE (L.E.D., COVER LENS, LENS GASKET, MOUNTING GASKET)
- CAST ALUMINUM HOUSING
- AUTOMOTIVE GRADE OUTER LENS, MEETS SAE J576
- LARGE, FLAT SEALING SURFACE
- CLOSED-CELL FOAM MOUNTING PAD IS ADHERED TO BACK OF LAMP
- CONSTANT CURRENT LED DRIVER CIRCUIT MAINTAINS LED BRIGHTNESS ACROSS INPUT VOLTAGE RANGE
- MEETS LEVEL 4 EMISSIONS AND 100V/M SUSCEPTABLITY TESTS
- OVERVOLTAGE SHUTDOWN (>20V)
- FULL TRANSIENT PROTECTION (SAE J1113)
- FAIL-SAFE FLASH MODE (LAMP WILL FLASH SLOWLY IF CONSTANT POWER IS APPLIED IN STEADY FLASH MODE)
- STROBING FLASH PATTERN SELECTABLE (APPLY GROUND TO BLACK WIRE)

LENS SCREW
0F20-2317-00

V-LED KIT, 12-PACK
RED: 0E30-2262-12
AMBER: 0E30-2262-23

INNER LENS
0C10-2313-00

COVER LENS
RED: 0C20-2312-10
AMBER: 0C20-2312-20
CLEAR: 0C20-2312-30

MOUNTING GASKET
0D10-1977-00

LENS GASKET
0D10-2316-00

Ø.20

Ø6.25
MOUNTING
BOLT CIRCLE

Ø7.09

1.44

8.5

RED WIRE = POWER (+)
WHITE WIRE = GROUND (-)
BLACK WIRE = STROBE FLASH (-)

.20 THICK
MOUNTING
GASKET
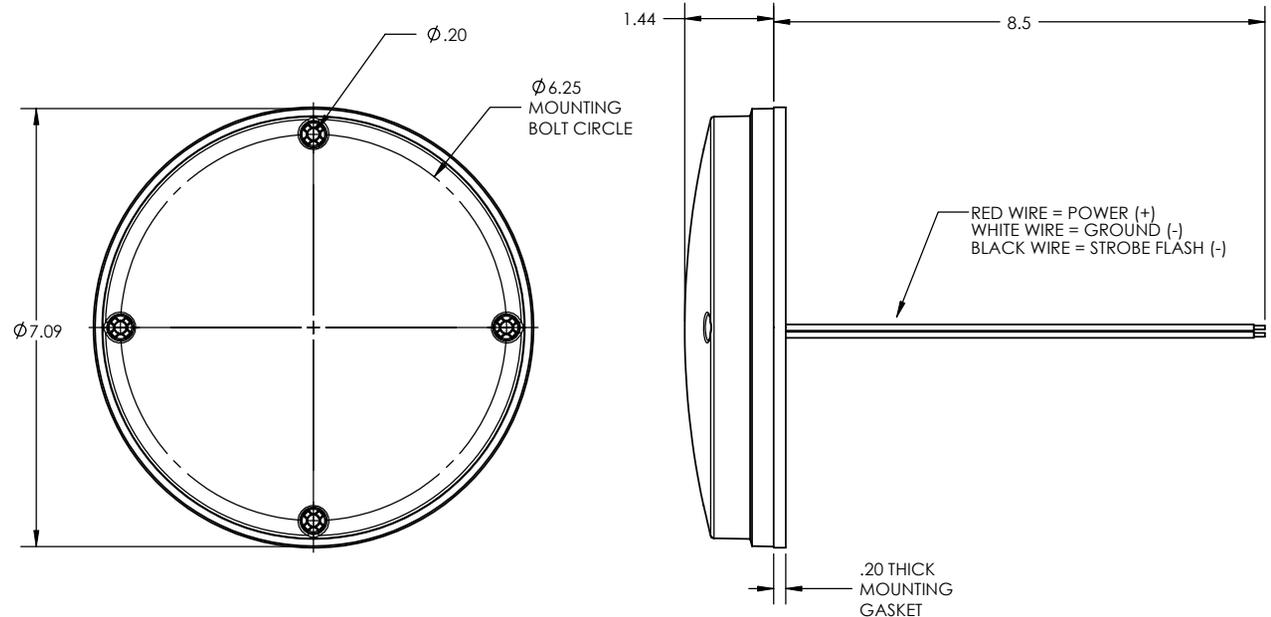
WIRING TABLE

FUNCTION	RED WIRE	BLACK WIRE	WHITE WIRE
STEADY FLASH	POWER (+)	N/C	GROUND (-)
STROBING FLASH	POWER (+)	GROUND (-)	GROUND (-)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
X.XXX - ±0.005
X.XX - ±0.020
X.X - ±0.10
ANGLES - ±0.5°

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

WELDON TECHNOLOGIES, INC.

APPROVALS	DATE
DRAWN TB	2/6/09
CHECKED ST	8/4/09
QUAL ENG	

MATERIAL

FINISH

7"DIA J887 LED WARNING LAMP GROUND ENABLE STROBE MODE 3-WIRE

DO NOT SCALE DRAWING

PROJ. NO. 00125-2

SIZE B

PART NO. C1020-9000-00

REV. A

SCALE: 1:2

WELDON COMPUTER GRAPHICS

SHEET 1 OF 1