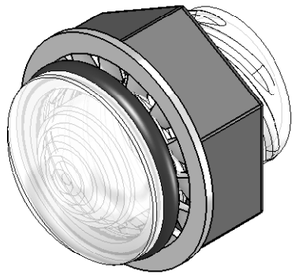
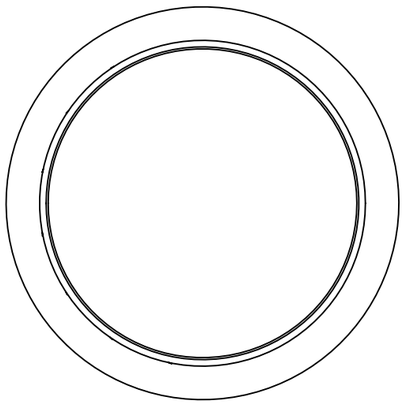
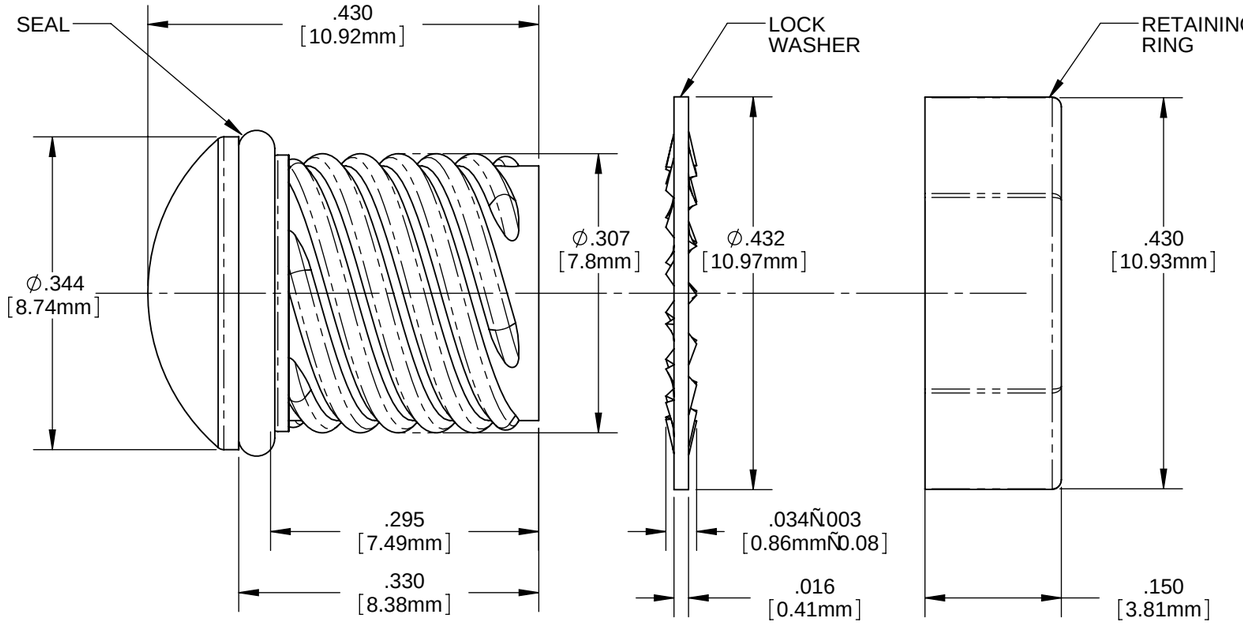
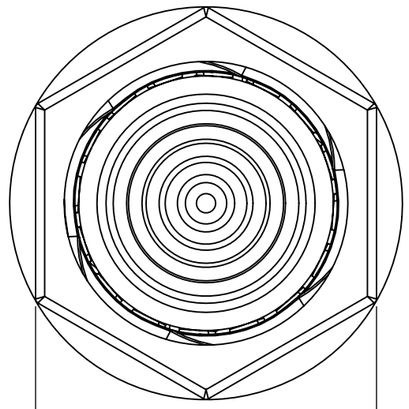
NOTES:
1. MOUNTING: Mounts in a ∅.312±.002 [∅7.92mm±.05] panel hole on .500 [12.7mm] centers. Panel thickness .031 [.8mm] to .125 [3.18mm]. Panel hole should be deburred, but not chamfered.
2. ASSEMBLY: Insert lens through panel hole, slide lock washer onto lens barrel and twist on retaining ring. PCB mounted LEDs slide into lens when the panel cover is closed or the PCB card is inserted into the case.
3. MATERIAL: Lens-Polycarbonate, UL 94-V2
   Lock Washer- FH Steel, Nickel plate
   Retaining ring - Thermoplastic, U.L. 94 V0 Rated
   Seal- EPDM
4. U.S. & Foreign Pat. Issued & Pend.

| REVISIONS | | | | |
|---|---|---|---|---|
| ECN# | REV. | DESCRIPTION | DATE | INITIALS |
| | 1 | ADDED CMC 443 & CMS 444; UPDATE DRAWING FORMAT | 12-5-08 | JG |
| | 001 | REVISED PER ECR111009AZ01 | 4-23-10 | SMU |







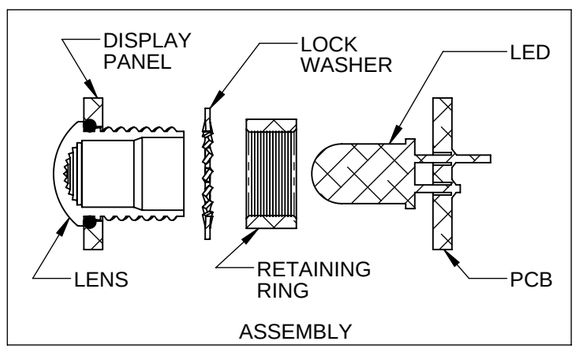






ORDERING CODE : **CMS 442 RTP**

MODEL

| LENS COLOR | |
|---|---|
| RTP | RED TRANSPARENT |
| ATP | AMBER TRANSPARENT |
| GTP | GREEN TRANSPARENT |
| BTP | BLUE TRANSPARENT |
| YTP | YELLOW TRANSPARENT |
| CTP | CLEAR TRANSPARENT |




ASSEMBLY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES:
ANGLES ±1°
DECIMALS .X ±.020 .XX ±.010 .XXX ±.005
FINISH
BREAK ALL CORNERS AND SHARP EDGES .030 MAX

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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MATERIAL: SEE NOTES

FINISH: SEE NOTES

| APPROVAL | | DATE |
|---|---|---|
| DRAWN: | SMU | 4-23-10 |
| CHECKED: | DZ | 4-23-10 |

DO NOT SCALE DRAWING

**VISUAL COMMUNICATIONS COMPANY, INC.**
190 Bosstick Boulevard, Suite101 San Marcos, CA 92069 USA
Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vcclite.com

TITLE: 5MM ROUND STANDARD THREADED FRESNEL LENS WITH SEAL

| SIZE | DWG. NO. | REV |
|---|---|---|
| B | CMS 442 A | 001 |

SCALE: 4:1 SHEET 1 OF 1