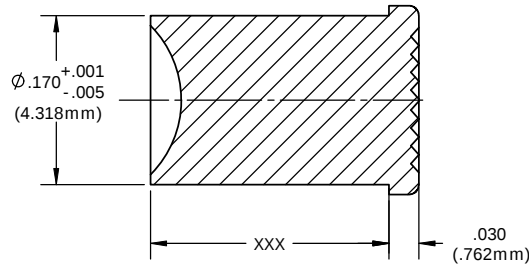
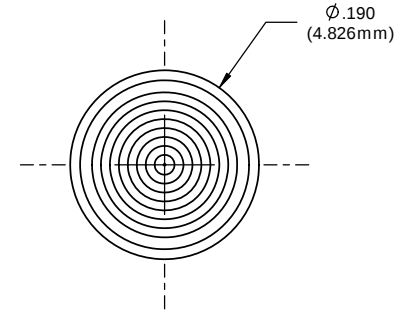
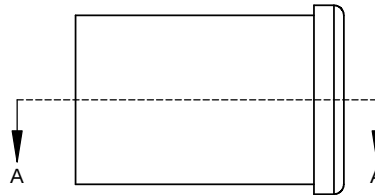
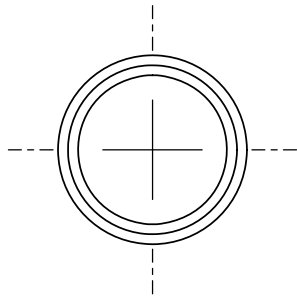
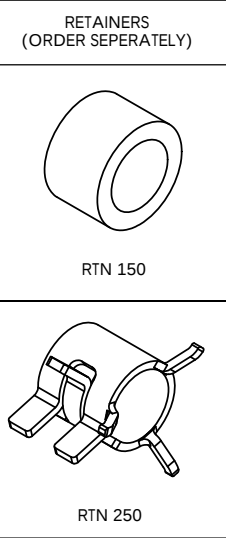


**NOTES:**

1. MOUNTING: Panel mounting hole .171" (4.34mm) Diameter  
Litepipe from .200" to .500" use grommet retainer RTN 150  
Litepipe from .500" to 2.00" the spring retainer RTN 250 is recommended for rigidity
2. Standoff used to adjust the height of a standard LED above the PCB to maintain a maximum .050" clearance between Litepipe and LED.
3. U.S. & Foreign Pat Issued & Pend.

| REVISIONS |     |                                   |          |          |
|-----------|-----|-----------------------------------|----------|----------|
| ECN #     | REV | DESCRIPTION                       | DATE     | INITIALS |
|           | N/A | INITIAL RELEASE                   | 8/25/98  | JS       |
|           | 1   | UPDATE DWG FORMAT                 | 12/15/08 | JG       |
|           | 2   | REVISE .170" DIMENSION TOLERANCES | 3/11/09  | AZ       |
|           | 001 | REVISED PER ECR111009AZ01         | 4/23/10  | KH       |



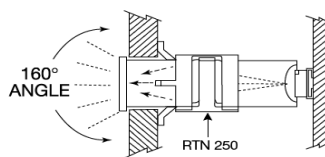
SECTION A-A



ORDERING CODE: LPC **XXX** CTP

| LENGTH CODE<br>(Min 020=.200" / Max 200=2.000") |     |     |     |     |     |     |     |     |  |  |  |  |  |  |  |
|-------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|
| 020                                             | 038 | 056 | 074 | 092 | 112 | 135 | 157 | 180 |  |  |  |  |  |  |  |
| 022                                             | 040 | 058 | 076 | 094 | 115 | 137 | 160 | 182 |  |  |  |  |  |  |  |
| 024                                             | 042 | 060 | 078 | 096 | 117 | 140 | 162 | 185 |  |  |  |  |  |  |  |
| 026                                             | 044 | 062 | 080 | 098 | 120 | 142 | 165 | 187 |  |  |  |  |  |  |  |
| 028                                             | 046 | 064 | 082 | 100 | 122 | 145 | 167 | 190 |  |  |  |  |  |  |  |
| 030                                             | 048 | 066 | 084 | 102 | 125 | 147 | 170 | 192 |  |  |  |  |  |  |  |
| 032                                             | 050 | 068 | 086 | 105 | 127 | 150 | 172 | 195 |  |  |  |  |  |  |  |
| 034                                             | 052 | 070 | 088 | 107 | 130 | 152 | 175 | 197 |  |  |  |  |  |  |  |
| 036                                             | 054 | 072 | 090 | 110 | 132 | 155 | 177 | 200 |  |  |  |  |  |  |  |
| SPECIAL LENGTHS UPON REQUESTS                   |     |     |     |     |     |     |     |     |  |  |  |  |  |  |  |

| COLOR |       |
|-------|-------|
| CTP   | CLEAR |



|                                                        |                                                 |                                                 |  |                                                                                                                                                                        |  |
|--------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |                                                 | MATERIAL<br>ACRYLIC (OPTICAL GRADE)<br>UL 94-HB |  | VISUAL COMMUNICATIONS COMPANY, INC.<br>190 Bosstick Boulevard, Suite 101 San Marcos, CA 92069 USA<br>Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vccite.com |  |
| ANGLES<br>±1°                                          | DECIMALS<br>.X ±.020<br>.XX ±.010<br>.XXX ±.005 | FINISH<br>SEE NOTES                             |  | TITLE:<br>CLIPLITE 4MM LITEPIPE<br>VERTICAL                                                                                                                            |  |
| THIRD ANGLE PROJECTION                                 |                                                 | APPROVAL                                        |  | DATE                                                                                                                                                                   |  |
| DRAWN K.Howard                                         |                                                 | 4/23/10                                         |  | SIZE DWG. NO.                                                                                                                                                          |  |
| CHECKED DPZ                                            |                                                 | 5/4/10                                          |  | REV                                                                                                                                                                    |  |
| DO NOT SCALE DRAWING                                   |                                                 | SCALE: 8:1                                      |  | SHEET 1 OF 1                                                                                                                                                           |  |