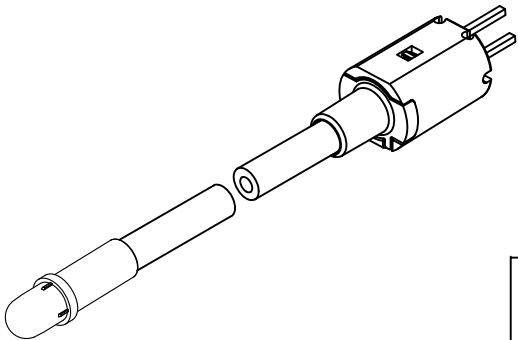
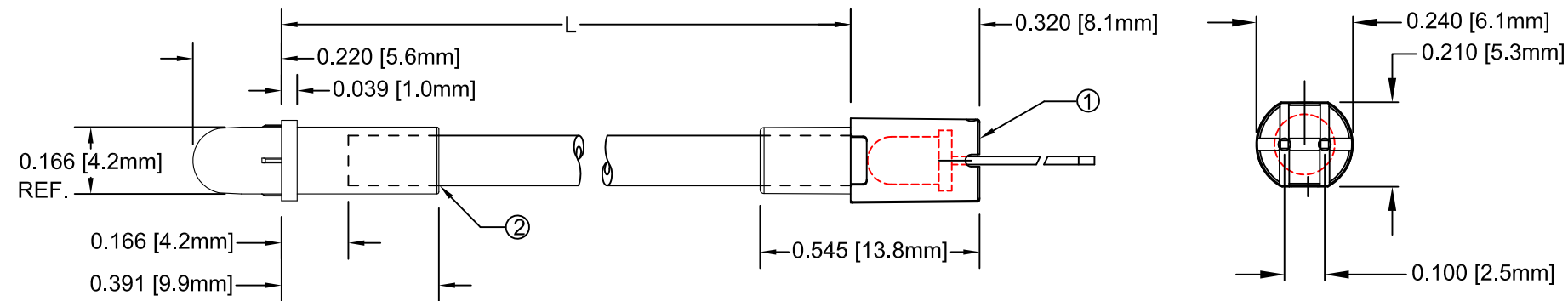


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION                                             |
|------|------|-------------|--------------------------------------------------------------|
| 1    | 1    | FLPV2-XX    | Flexible Light Pipe 2mm Adapter, Vertical w/ LED, See page 2 |
| 2    | 1    | FLPD-XX.X   | Light Pipe Lens Cap Assembly, 2mm, Dome Face                 |

| REV. | DESCRIPTION                           | DATE     | APPROVED |
|------|---------------------------------------|----------|----------|
| A    | Engineering Release                   | 09/14/09 | T. Y.    |
| B    | Replace 3UWC-0.6K-F with 3UWC1.035C-F | 04/26/12 | T. Y.    |
| C    | Updated Table For Length "L"          | 11/26/12 | T. Y.    |
|      |                                       |          |          |
|      |                                       |          |          |
|      |                                       |          |          |

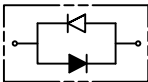
NOTE: FLPV2-XX ADAPTER SHIPPED NON-ASSEMBLED

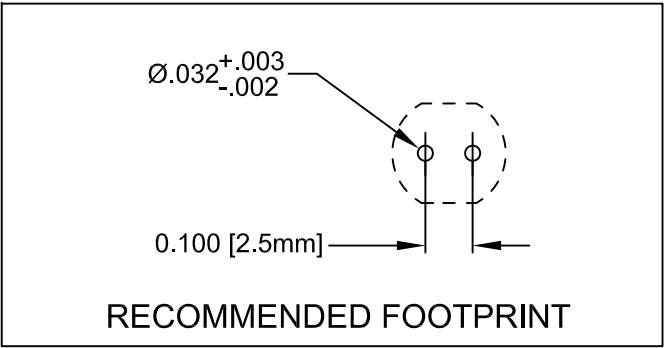
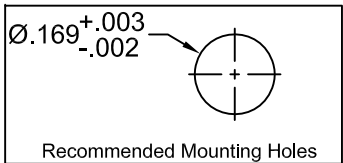


| " L " *          | Tolerance |
|------------------|-----------|
| 1.0" ~ 16.0"     | ±0.050"   |
| 16.1" ~ 40.0"    | ±0.15"    |
| 40.1" ~ 80.0"    | ±0.30"    |
| 80.1" ~ 3,940.0" | ±0.5%     |

\* Available in 0.1" increments only

 SINGLE COLOR LED  
SHORT LEAD CATHODE

 BI-COLOR LED'S



| SHORT LEAD CATHODE | LED PART NO. | LONG LEAD CATHODE |
|--------------------|--------------|-------------------|
| RED                | 3xBCC-F      | GREEN             |
| YELLOW             | 3xBCC-Y/G-F  | GREEN             |
| RED                | 3xBCC-R/Y-F  | YELLOW            |
| AMBER              | 3xBCC-A/G-F  | GREEN             |

# ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

|                                             |                      |
|---------------------------------------------|----------------------|
| REVERSE VOLTAGE                             | 5V                   |
| REVERSE CURRENT                             | 100uA                |
| OPERATING TEMPERATURE RANGE                 | -25° C - 85° C       |
| STORAGE TEMPERATURE                         | -30° C - 100° C      |
| LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) | 260° C FOR 5 SECONDS |

|                                                   |                 |                                                                                                                                                                 |                       |
|---------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED ) |                 | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| DECIMALS                                          | ANGULAR         |                                                                                                                                                                 |                       |
| .X ± .1                                           | X° ± 1°         |                                                                                                                                                                 |                       |
| .XX ± .02                                         |                 |                                                                                                                                                                 |                       |
| .XXX ± .010                                       |                 |                                                                                                                                                                 |                       |
| DESIGNED:                                         | DATE:           | <b>TITLE:</b> FLEXIBLE LIGHT PIPE ASSY,<br>DOME FACE, VERTICAL                                                                                                  |                       |
| <b>Brian Oliver</b>                               | <b>09/14/09</b> |                                                                                                                                                                 |                       |
| CHECKED:                                          | DATE:           | <b>PART NO:</b>                                                                                                                                                 | <b>REVISION:</b>      |
| <b>Fred Jensen</b>                                | <b>09/14/09</b> | <b>FLP2DVX.X-XXX</b>                                                                                                                                            | <b>C</b>              |
|                                                   |                 | <b>CAGE CODE :</b> 32559                                                                                                                                        | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.   |                 |                                                                                                                                                                 |                       |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-------------|------|----------|
|      | SEE SHEET#1 |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |

# SINGLE COLOR ASSEMBLIES

| Assembly Part No. | Emitted Color | LED Part No. |
|-------------------|---------------|--------------|
| FLP2DVX.X-SA      | AMBER         | 3SAC-F       |
| FLP2DVX.X-UBW     | BLUE          | 3UBWC-0.6K-F |
| FLP2DVX.X-SG      | GREEN         | 3SGC-F       |
| FLP2DVX.X-UG      | GREEN         | 3UGC-F       |
| FLP2DVX.X-SUG     | GREEN         | 3SUGC-F      |
| FLP2DVX.X-UO      | ORANGE        | 3UOC-F       |
| FLP2DVX.X-SUO     | ORANGE        | 3SUOC-F      |
| FLP2DVX.X-SR      | RED           | 3SRC-F       |
| FLP2DVX.X-UR      | RED           | 3URC-F       |
| FLP2DVX.X-SUR     | RED           | 3SURC-F      |
| FLP2DVX.X-UT      | TURQUOISE     | 3UTC-F       |
| FLP2DVX.X-SY      | YELLOW        | 3SYC-F       |
| FLP2DVX.X-UY      | YELLOW        | 3UYC-F       |
| FLP2DVX.X-SUY     | YELLOW        | 3SUYC-F      |
| FLP2DVX.X-UUY     | YELLOW        | 3UUYC-F      |
| FLP2DVX.X-UW      | WHITE         | 3UWC1.035C-F |

# BI-COLOR ASSEMBLIES

| Assembly Part No. | Emitted Color | LED Part No. |
|-------------------|---------------|--------------|
| FLP2DVX.X-BC      | HE RED        | 3BCC-F       |
|                   | GREEN         |              |
| FLP2DVX.X-YG      | YELLOW        | 3BCC-Y/G-F   |
|                   | GREEN         |              |
| FLP2DVX.X-RY      | YELLOW        | 3BCC-R/Y-F   |
|                   | HE RED        |              |
| FLP2DVX.X-AG      | AMBER         | 3BCC-A/G-F   |
|                   | GREEN         |              |
| FLP2DVX.X-SBC     | SUPER RED     | 3SBCC-F      |
|                   | HE GREEN      |              |
| FLP2DVX.X-SYG     | SUPER YELLOW  | 3SBCC-Y/G-F  |
|                   | HE GREEN      |              |
| FLP2DVX.X-SRY     | SUPER RED     | 3SBCC-R/Y-F  |
|                   | SUPER YELLOW  |              |

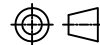
FLEXIBLE LIGHT PIPE SERIES

FLP2DV X.X - XXX

Emitted Colors

"L" LENGTH, inches  
available in 0.1" increments only  
e.g. 6.0, 11.5

NOTES:  
1. REFERENCE LED PRINTS FOR OPTICAL/ELECTRICAL SPECIFICATIONS

|                                                                                       |                   |                                                                                                                                                                 |                |
|---------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )                                  |                   | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                |
| DECIMALS<br>ANGULAR                                                                   |                   |                                                                                                                                                                 |                |
|  |                   | TITLE: FLEXIBLE LIGHT PIPE ASSY,<br>DOME FACE, VERTICAL                                                                                                         |                |
| DESIGNED:<br>Brian Oliver                                                             | DATE:<br>09/14/09 | PART NO:<br>FLP2DVX.X-XXX                                                                                                                                       | REVISION:<br>C |
| CHECKED:<br>Fred Jensen                                                               | DATE:<br>09/14/09 | CAGE CODE : 32559                                                                                                                                               | SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                       |                   |                                                                                                                                                                 |                |