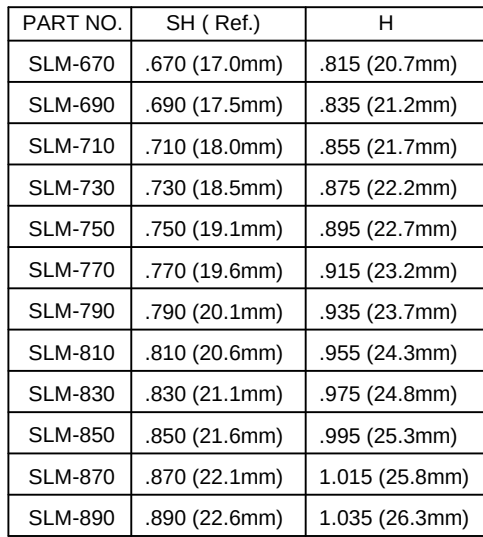


| REV.     | DESCRIPTION                                | DATE            | APPROVED     |
|----------|--------------------------------------------|-----------------|--------------|
| <b>B</b> | Updated Uncut Leads                        | <b>06/06/08</b> | <b>M. C.</b> |
| <b>C</b> | Updated Uncut Leads Note                   | <b>12/24/08</b> | <b>T. Y.</b> |
| <b>D</b> | Updated P/N's on Page 2                    | <b>09/16/09</b> | <b>T. Y.</b> |
| <b>E</b> | Updated LED Protrusion                     | <b>10/19/09</b> | <b>T. Y.</b> |
| <b>F</b> | Added Low Current & 5V LED Specs on Page 3 | <b>06/26/16</b> | <b>J. C.</b> |



|                                                      |                                                                                       |                                                                                       |                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                                                                                       |  |                       |
| <u>DECIMALS</u>                                      | <u>ANGULAR</u>                                                                        | 4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974                |                       |
| .X ± .1                                              | X° ± 1°                                                                               | <b>TITLE:</b> MOLDED, SELF-RETAINING<br>T-1 3/4 (5mm) LED MOUNT ASSEMBLY              |                       |
| .XX ± .02                                            |  |                                                                                       |                       |
| .XXX ± .010                                          |                                                                                       |                                                                                       |                       |
| DESIGNED:                                            | DATE:                                                                                 | <b>PART NO:</b>                                                                       | <b>REVISION:</b>      |
| <b>D. Beckman</b>                                    | <b>06/14/07</b>                                                                       | <b>SLMXXX5XXX</b>                                                                     | <b>F</b>              |
| CHECKED:                                             | DATE:                                                                                 | <b>CAGE CODE : 32559</b>                                                              | <b>SHEET # 1 OF 3</b> |
| <b>T. Yin</b>                                        | <b>06/14/07</b>                                                                       | CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                       |                       |

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

| Assy Part No. | Chip      |                            |               | Lens Appearance | Electro-Optical Data |     |          | Viewing Angle<br>2 θ ½<br>(Deg) | LED Part No. |
|---------------|-----------|----------------------------|---------------|-----------------|----------------------|-----|----------|---------------------------------|--------------|
|               | Material  | Peak Wave Length<br>λp(nm) | Emitted Color |                 | Vf (V)               |     | Iv (mcd) |                                 |              |
|               |           |                            |               |                 | TYP                  | MAX | TYP      |                                 |              |
| STANDARD      |           |                            |               |                 | Data @ 20mA          |     |          |                                 |              |
| SLMXXX5BWC    | GaN/SiC   | 430                        | BLUE          | WATER CLEAR     | 4.0                  | 4.5 | 30       | 25                              | 5BWC-F       |
| SLMXXX5BWD    | GaN/SiC   | 430                        | BLUE          | DIFFUSED        | 4.0                  | 4.5 | 15       | 40                              | 5BWD-F       |
| SLMXXX5BWT    | GaN/SiC   | 430                        | BLUE          | TINTED          | 4.0                  | 4.5 | 30       | 25                              | 5BWT-F       |
| SLMXXX5PGC    | GaP/GaP   | 555                        | PURE GREEN    | WATER CLEAR     | 2.2                  | 2.8 | 10       | 35                              | 5PGC-F       |
| SLMXXX5PGD    | GaP/GaP   | 555                        | PURE GREEN    | DIFFUSED        | 2.2                  | 2.8 | 10       | 40                              | 5PGD-F       |
| SLMXXX5PGT    | GaP/GaP   | 555                        | PURE GREEN    | TINTED          | 2.2                  | 2.8 | 10       | 35                              | 5PGT-F       |
| SLMXXX5GC     | GaP/GaP   | 568                        | GREEN         | WATER CLEAR     | 2.1                  | 2.8 | 40       | 35                              | 5GC-F        |
| SLMXXX5GD     | GaP/GaP   | 568                        | GREEN         | DIFFUSED        | 2.1                  | 2.8 | 25       | 40                              | 5GD-F        |
| SLMXXX5GT     | GaP/GaP   | 568                        | GREEN         | TINTED          | 2.1                  | 2.8 | 40       | 35                              | 5GT-F        |
| SLMXXX5YC     | GaAsP/GaP | 590                        | YELLOW        | WATER CLEAR     | 2.0                  | 2.8 | 40       | 35                              | 5YC-F        |
| SLMXXX5YD     | GaAsP/GaP | 590                        | YELLOW        | DIFFUSED        | 2.0                  | 2.8 | 25       | 40                              | 5YD-F        |
| SLMXXX5YT     | GaAsP/GaP | 590                        | YELLOW        | TINTED          | 2.0                  | 2.8 | 40       | 35                              | 5YT-F        |
| SLMXXX5HC     | GaAsP/GaP | 625                        | HE RED        | WATER CLEAR     | 2.0                  | 2.8 | 50       | 35                              | 5HC-F        |
| SLMXXX5HD     | GaAsP/GaP | 625                        | HE RED        | DIFFUSED        | 2.0                  | 2.8 | 40       | 40                              | 5HD-F        |
| SLMXXX5HT     | GaAsP/GaP | 625                        | HE RED        | TINTED          | 2.0                  | 2.8 | 50       | 35                              | 5HT-F        |
| SLMXXX5RC     | GaP/GaP   | 700                        | RED           | WATER CLEAR     | 2.1                  | 2.8 | 2        | 35                              | 5RC-F        |
| SLMXXX5RD     | GaP/GaP   | 700                        | RED           | DIFFUSED        | 2.1                  | 2.8 | 1.5      | 40                              | 5RD-F        |
| SLMXXX5RT     | GaP/GaP   | 700                        | RED           | TINTED          | 2.1                  | 2.8 | 2        | 35                              | 5RT-F        |

|                                                                                        |                          |                                                                                                                                                                    |                                                                   |
|----------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| STANDARD TOLERANCE<br>(UNLESS OTHERWISE SPECIFIED)<br>$\pm 10\%$ ALL VALUES    ANGULAR |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808    FAX: (949) 951-3974 |                                                                   |
|                                                                                        |                          |                                                                               | TITLE: MOLDED, SELF-RETAINING<br>T-1 3/4 (5mm) LED MOUNT ASSEMBLY |
| DESIGNED:<br><b>D. Beckman</b>                                                         | DATE:<br><b>06/14/07</b> | PART NO:<br><b>SLMXXX5XXX</b>                                                                                                                                      | REVISION:<br><b>F</b>                                             |
| CHECKED:<br><b>T. Yin</b>                                                              | DATE:<br><b>06/14/07</b> | CAGE CODE : <b>32559</b>                                                                                                                                           | SHEET # <b>2</b> OF <b>3</b>                                      |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                        |                          |                                                                                                                                                                    |                                                                   |

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

| Assy Part No. | Chip        |                            |               | Lens Appearance | Electro-Optical Data |     |          | Viewing Angle<br>2 θ ½<br>(Deg) | LED Part No. |
|---------------|-------------|----------------------------|---------------|-----------------|----------------------|-----|----------|---------------------------------|--------------|
|               | Material    | Peak Wave Length<br>λp(nm) | Emitted Color |                 | Vf (V)               |     | Iv (mcd) |                                 |              |
|               |             |                            |               |                 | TYP                  | MAX | TYP      |                                 |              |
| LOW CURRENT   |             |                            |               |                 | Data @ 2m A          |     |          |                                 |              |
| SLMXXX5BWDL   | GaN/SiC     | 430                        | BLUE          | DIFFUSED        | 3.8                  | 4.2 | 4        | 40                              | 5BWDL-F      |
| SLMXXX5GDL    | GaP/GaP     | 568                        | GREEN         | DIFFUSED        | 2.1                  | 2.6 | 4        | 40                              | 5GDL-F       |
| SLMXXX5YDL    | GaAsP/GaP   | 590                        | YELLOW        | DIFFUSED        | 2.0                  | 2.6 | 4        | 40                              | 5YDL-F       |
| SLMXXX5ADL    | GaAsP/GaP   | 605                        | AMBER         | DIFFUSED        | 2.0                  | 2.6 | 4        | 40                              | 5ADL-F       |
| SLMXXX5HDL    | GaAsP/GaP   | 625                        | HE RED        | DIFFUSED        | 2.0                  | 2.6 | 5        | 40                              | 5HDL-F       |
| SLMXXX5SRDL   | GaAlAs/GaAs | 645                        | RED           | DIFFUSED        | 1.7                  | 2.3 | 6        | 40                              | 5SRDL-F      |

| Assy Part No. | Chip      |                            |               | Lens Appearance | Electro-Optical Data |     |          | Viewing Angle<br>2 θ ½<br>(Deg) | LED Part No. |
|---------------|-----------|----------------------------|---------------|-----------------|----------------------|-----|----------|---------------------------------|--------------|
|               | Material  | Peak Wave Length<br>λp(nm) | Emitted Color |                 | Vf (V)               |     | Iv (mcd) |                                 |              |
|               |           |                            |               |                 | TYP                  | MAX | TYP      |                                 |              |
| 5 VOLT        |           |                            |               |                 | Data @ 5V            |     |          |                                 |              |
| SLMXXX5BWD5V  | GaN/SiC   | 430                        | BLUE          | DIFFUSED        | -                    | 5.0 | 15       | 40                              | 5BWD5V-F     |
| SLMXXX5GD5V   | GaP/GaP   | 568                        | GREEN         | DIFFUSED        | -                    | 5.0 | 25       | 40                              | 5GD5V-F      |
| SLMXXX5YD5V   | GaAsP/GaP | 590                        | YELLOW        | DIFFUSED        | -                    | 5.0 | 25       | 40                              | 5YD5V-F      |
| SLMXXX5AD5V   | GaAsP/GaP | 605                        | AMBER         | DIFFUSED        | -                    | 5.0 | 25       | 40                              | 5AD5V-F      |
| SLMXXX5HD5V   | GaAsP/GaP | 625                        | HE RED        | DIFFUSED        | -                    | 5.0 | 30       | 40                              | 5HD5V-F      |
| SLMXXX5RD5V   | GaP/GaP   | 700                        | RED           | DIFFUSED        | -                    | 5.0 | 1.5      | 40                              | 5RD5V-F      |

|                                                                                               |                                                                                       |                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br><u>±10% ALL VALUES</u> <u>ANGULAR</u> |                                                                                       | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808      FAX: (949) 951-3974 |  |
| DESIGNED:<br><b>D. Beckman</b>                                                                |  | <b>TITLE:</b> MOLDED, SELF-RETAINING<br>T-1 3/4 (5mm) LED MOUNT ASSEMBLY                                                                                             |  |
|                                                                                               |                                                                                       | <b>PART NO:</b> SLMXXX5XXX                                                                                                                                           |  |
|                                                                                               |                                                                                       | <b>REVISION:</b> F                                                                                                                                                   |  |
|                                                                                               |                                                                                       | <b>CAGE CODE :</b> 32559 <b>SHEET # 3 OF 3</b>                                                                                                                       |  |
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