

# STANDARD LED LAMPS (RECTANGULAR TYPES)

| Package                                         | Part No.  | Chip                   |                          | Lens Appearance | Absolute Maximum Ratings |         |         |           | Electro-optical Data (At 20mA) |     |          | Viewing Angle 2q 1/2 (deg) | Drawing No. |
|-------------------------------------------------|-----------|------------------------|--------------------------|-----------------|--------------------------|---------|---------|-----------|--------------------------------|-----|----------|----------------------------|-------------|
|                                                 |           | Material/Emitted Color | Peak Wave Length λp (nm) |                 | D1 (nm)                  | Pd (mw) | If (mA) | Peak (mA) | Vf (V)                         |     | Iv (mcd) |                            |             |
|                                                 |           |                        |                          |                 |                          |         |         |           | Typ                            | Max | Typ.     |                            |             |
| 2.0x4.0x 7.0mm 1.0" Lead Rectangular Flangeless | BL-R5131  | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.0      | 120                        | L-025       |
|                                                 | BL-R4531  | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
|                                                 | BL-R2131  | GaP/GaP/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 7.0      |                            |             |
|                                                 | BL-R3131  | GaAsP/GaAs/Yellow      | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 6.0      |                            |             |
|                                                 | BL-R4131  | GaAsP/GaP/Orange       | 635                      | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
|                                                 | BL-R9131  | GaP/GaP/Pure Green     | 555                      | Green Diffused  | 25                       | 80      | 30      | 150       | 2.2                            | 2.6 | 1.0      |                            |             |
| 1.3x4.0x 4.0mm 1.0" Lead Rectangular            | BL-R5421D | GaP/GaP/Bright Red     | 700                      | Red Trans       | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 6.0      | 80                         | L-026       |
|                                                 | BL-R4621D | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 12.0     |                            |             |
|                                                 | BL-R2421D | GaP/GaP/Green          | 568                      | Green Trans     | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 12.0     |                            |             |
|                                                 | BL-R3421D | GaAsP/GaP/Yellow       | 585                      | Yellow Trans    | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 10.0     |                            |             |
|                                                 | BL-R4421D | GaAsP/GaP/Orange       | 635                      | Orange Trans    | 25                       | 80      | 30      | 150       | 2.0                            | 2.6 | 12.0     |                            |             |
|                                                 | BL-R9421D | GaP/GaP/Pure Green     | 555                      | Green Trans     | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 1.0      |                            |             |
| 1.9x3.1x 4.0mm 0.5" Lead Rectangular            | BL-R5121F | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 0.6      | 120                        | L-027       |
|                                                 | BL-R4521F | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 3.0      |                            |             |
|                                                 | BL-R2121F | GaP/Gap/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 3.0      |                            |             |
|                                                 | BL-R3121F | GaAsP/GaP/ Yellow      | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 2.5      |                            |             |
|                                                 | BL-R4121F | GaAsP/GaP/Orange       | 635                      | Orange Diffused | 25                       | 80      | 30      | 150       | 2.0                            | 2.6 | 3.0      |                            |             |
| 1.2x3.4x 4.0mm 0.5" Lead Rectangular            | BL-R5421G | GaP/GaP/Bright Red     | 700                      | Red Trans       | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 0.6      | 60                         | L-028       |
|                                                 | BL-R4621G | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 3.5      |                            |             |
|                                                 | BL-R2421G | GaP/GaP/Green          | 568                      | Green Trans     | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 3.5      |                            |             |
|                                                 | BL-R3421G | GaAsP/GaP/Yellow       | 585                      | Yellow Trans    | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 3.0      |                            |             |
| 1.7x4.0x 6.9mm 1.0" Lead Rectangular            | BL-R5141H | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.0      | 140                        | L-029       |
|                                                 | BL-R4541H | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R2141H | GaP/GaP/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R3141H | GaAsP/GaP/Yellow       | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 3.0      |                            |             |
|                                                 | BL-R4141H | GaAsP/GaP/Orange       | 635                      | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R9141H | GaP/GaP/Pure Green     | 555                      | Green Diffused  | 25                       | 80      | 30      | 150       | 2.2                            | 2.6 | 0.5      |                            |             |
| 2.0x5.0x 7.8mm 1.0" Lead Rectangular            | BL-R5132  | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 6.0      | 120                        | L-030       |
|                                                 | BL-R4632  | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 10.0     |                            |             |
|                                                 | BL-R2132  | GaP/GaP/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 10.0     |                            |             |
|                                                 | BL-R3132  | GaAsP/GaP/Yellow       | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 8.0      |                            |             |
|                                                 | BL-R4132  | GaAsP/GaP/Orange       | 635                      | Orange Diffused | 25                       | 80      | 30      | 150       | 2.0                            | 2.6 | 10.0     |                            |             |
|                                                 | BL-R9132  | GaP/GaP/Pure Green     | 555                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 1.5      |                            |             |
| 2.0x5.0x 7.5mm 1.0" Lead Rectangular            | BL-R5132B | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 0.8      | 120                        | L-031       |
|                                                 | BL-R4532B | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 5.0      |                            |             |
|                                                 | BL-R2132B | GaP/Gap/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 5.0      |                            |             |
|                                                 | BL-R3132B | GaAsP/GaP/Yellow       | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R4132B | GaAsP/GaP/Orange       | 635                      | Orange Diffused | 25                       | 80      | 30      | 150       | 2.0                            | 2.6 | 0.4      |                            |             |
| 2.5x5.1x 5.4mm 1.0" Lead Rectangular            | BL-R5132C | GaP/GaP/Bright Red     | 700                      | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 0.8      | 130                        | L-032       |
|                                                 | BL-R4532C | GaAsP/GaP/Hi-Eff Red   | 635                      |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R2132C | GaP/GaP/Green          | 568                      | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 4.0      |                            |             |
|                                                 | BL-R3132C | GaAsP/GaP/Yellow       | 585                      | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 3.0      |                            |             |

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# STANDARD LED LAMPS (RECTANGULAR TYPES)

|                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                |
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| <p><b>L-025 BL-Rxx31 Series</b></p> <p>Side View Dimensions: 4.0(.157) top width, 7.0(.276) height to cathode, 1.5(.059) MAX. mounting tab height, 25.4(1.00) MIN. cathode length, 1.0(.039) MIN. base height, 2.54(.100) NOM. base width.</p> <p>End View Dimensions: 2.0(.079) top width, 0.5(.020) SQ.TYP. cathode width, 4.0(.157) base width, 2.0(.079) base height.</p>  | <p><b>L-026 BL-Rxx21D Series</b></p> <p>Side View Dimensions: 3.9(.154) top width, 4.0(.157) height to cathode, 1.5(.059) MAX. mounting tab height, 12.7(.500) MIN. cathode length, 1.0(.093) MIN. base height, 2.29(.09.) NOM. base width.</p> <p>End View Dimensions: 1.3(.052) top width, 0.5(.020) SQ.TYP. cathode width, 4.0(.157) base width, 1.3(.052) base height.</p> |
| <p><b>L-027 BL-Rxx21F Series</b></p> <p>Side View Dimensions: 3.1(.122) top width, 4.0(.157) height to cathode, 1.5(.059) MAX. mounting tab height, 12.7(.500) MIN. cathode length, 1.0(.039) MIN. base height, 2.29(.090) NOM. base width.</p> <p>End View Dimensions: 1.9(.075) top width, 0.5(.020) SQ.TYP. cathode width, 3.3(.130) base width, 1.9(.075) base height.</p> | <p><b>L-028 BL-Rxx21G Series</b></p> <p>Side View Dimensions: 3.4(.134) top width, 4.0(.158) height to cathode, 1.5(.059) MAX. mounting tab height, 12.7(.50) MIN. cathode length, 1.0(.04) MIN. base height, 2.29(.090) NOM. base width.</p> <p>End View Dimensions: 1.2(.047) top width, 0.5(.02) SQ.TYP. cathode width, 3.4(.134) base width, 1.2(.047) base height.</p>    |
| <p><b>L-029 BL-Rxx41H Series</b></p> <p>Side View Dimensions: 4.0(.157) top width, 6.9(.272) height to cathode, 1.5(.059) MAX. mounting tab height, 25.4(1.00) MIN. cathode length, 1.0(.039) MIN. base height, 2.54(.100) NOM. base width.</p> <p>End View Dimensions: 1.7(.067) top width, 0.5(.020) SQ.TYP. cathode width, 4.1(.161) base width, 1.8(.071) base height.</p> | <p><b>L-030 BL-Rxx32 Series</b></p> <p>Side View Dimensions: 5.0(.197) top width, 6.0(.236) height to cathode, 1.5(.059) MAX. mounting tab height, 25.4(1.00) MIN. cathode length, 1.00(.039) MIN. base height, 2.54(.100) NOM. base width.</p> <p>End View Dimensions: 2.0(.079) top width, 0.5(.020) SQ.TYP. cathode width, 5.1(.201) base width, 2.8(.110) base height.</p> |
| <p><b>L-031 BL-Rxx32B Series</b></p> <p>Side View Dimensions: 4.8(.189) top width, 6.3(.248) height to cathode, 1.5(.059) MAX. mounting tab height, 25.4(1.00) MIN. cathode length, 1.0(.04) MIN. base height, 2.54(.10) NOM. base width.</p> <p>End View Dimensions: 1.9(.075) top width, 2.0(.079) cathode width, 4.9(.193) base width, 2.8(.11) base height.</p>            | <p><b>L-032 BL-Rxx32C Series</b></p> <p>Side View Dimensions: 5.0(.197) top width, 5.4(.213) height to cathode, 1.5(.059) MAX. mounting tab height, 25.4(1.00) MIN. cathode length, 1.0(.039) MIN. base height, 2.54(.100) NOM. base width.</p> <p>End View Dimensions: 2.2(.087) top width, 0.5(.020) SQ.TYP. cathode width, 5.2(.205) base width, 2.3(.091) base height.</p> |

Notes: 1. All Dimensions are in millimeters (inches).  
2. Tolerance is  $\pm 0.25\text{mm}$  (.010")

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# STANDARD LED LAMPS (RECTANGULAR TYPES)

| Package                                 | Part No.   | Chip                   |                                   | Lens Appearance | Absolute Maximum Ratings |         |         |           | Electro-optical Data (At 20mA) |     |          | Viewing Angle 2q 1/2 (deg) | Drawing No. |
|-----------------------------------------|------------|------------------------|-----------------------------------|-----------------|--------------------------|---------|---------|-----------|--------------------------------|-----|----------|----------------------------|-------------|
|                                         |            | Material/Emitted Color | Peak Wave Length $\lambda_P$ (nm) |                 | $\Delta$ l (nm)          | Pd (mw) | If (mA) | Peak (mA) | Vf (V)                         |     | Iv (mcd) |                            |             |
|                                         |            |                        |                                   |                 |                          |         |         |           | Typ                            | Max | Typ      |                            |             |
| 1.9x5.0x 6.8mm<br>1.0" Lead Rectangular | BL-R5132R  | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.2      | 140                        | L-033       |
|                                         | BL-R4532R  | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 8.0      |                            |             |
|                                         | BL-R2132R  | GaP/GaP/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 8.0      |                            |             |
|                                         | BL-R3132R  | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 7.0      |                            |             |
|                                         | BL-R4132R  | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 8.0      |                            |             |
|                                         | BL-RX1132R | GaP/GaP/Hi-Eff Green   | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 12.0     |                            |             |
| 2.4x5.0x 8.6mm<br>1.0" Lead Rectangular | BL-R5432T  | GaP/GaP/Bright Red     | 700                               | Red Trans       | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 30.0     | 40                         | L-034       |
|                                         | BL-R4632T  | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 80.0     |                            |             |
|                                         | BL-R2432T  | GaP/GaP/Green          | 568                               | Green Trans     | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 80.0     |                            |             |
|                                         | BL-R3432T  | GaAsP/GaP/Yellow       | 585                               | Yellow Trans    | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 70.0     |                            |             |
|                                         | BL-R4432T  | GaAsP/GaP/Orange       | 635                               | Orange Trans    | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 80.0     |                            |             |
|                                         | BL-RX1432T | GaP/GaP/Hi-Eff Green   | 568                               | Green Trans     | 30                       | 100     | 30      | 150       | 2.2                            | 2.6 | 100      |                            |             |
| 1.4x4.7x 7.0mm<br>1.0" Lead Rectangular | BL-R5133   | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 0.8      | 125                        | L-035       |
|                                         | BL-R4533   | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 5.0      |                            |             |
|                                         | BL-R2133   | GaP/Gap/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 5.0      |                            |             |
|                                         | BL-R3133   | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 4.0      |                            |             |
|                                         | BL-R4133   | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 5.0      |                            |             |
|                                         | BL-RX1133  | GaP/Gap/Pure Green     | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 8.0      |                            |             |
| 5.0x5.0x 7.1mm<br>1.0" Lead Rectangular | BL-R5130   | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.0      | 150                        | L-036       |
|                                         | BL-R4530   | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
|                                         | BL-R2130   | GaP/GaP/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 7.0      |                            |             |
|                                         | BL-R3130   | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 6.0      |                            |             |
|                                         | BL-R4130   | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 25                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
| 5.0x5.0x 7.1mm<br>1.0" Lead Rectangular | BL-R5130N  | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.0      | 150                        | L-037       |
|                                         | BL-R4530N  | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
|                                         | BL-R2130N  | GaP/Gap/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 7.0      |                            |             |
|                                         | BL-RX1130N | GaP/GaP/Hi-Eff Green   | 568                               |                 | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 10.0     |                            |             |
|                                         | BL-R3130N  | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 6.0      |                            |             |
|                                         | BL-R4130N  | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 7.0      |                            |             |
| 3.7x6.3x 6.8mm<br>1.0" Lead Rectangular | BL-R513P   | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 2.0      | 120                        | L-038       |
|                                         | BL-R453P   | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 8.0      |                            |             |
|                                         | BL-R213P   | GaP/GaP/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 8.0      |                            |             |
|                                         | BL-RX113P  | GaP/GaP/Hi-Eff Green   | 568                               |                 | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 11.0     |                            |             |
|                                         | BL-R313P   | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 7.0      |                            |             |
|                                         | BL-R413P   | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 8.0      |                            |             |
| 3.6x3.6x 7.2mm<br>1.0" Lead Rectangular | BL-R513T   | GaP/GaP/Bright Red     | 700                               | Red Diffused    | 90                       | 40      | 15      | 50        | 2.2                            | 2.6 | 1.0      | 120                        | L-039       |
|                                         | BL-R453T   | GaAsP/GaP/Hi-Eff Red   | 635                               |                 | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 6.0      |                            |             |
|                                         | BL-R213T   | GaP/GaP/Green          | 568                               | Green Diffused  | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 6.0      |                            |             |
|                                         | BL-RX113T  | GaP/GaP/Hi-Eff Green   | 568                               |                 | 30                       | 80      | 30      | 150       | 2.2                            | 2.6 | 8.0      |                            |             |
|                                         | BL-R313T   | GaAsP/GaP/Yellow       | 585                               | Yellow Diffused | 35                       | 80      | 30      | 150       | 2.1                            | 2.6 | 5.0      |                            |             |
|                                         | BL-R413T   | GaAsP/GaP/Orange       | 635                               | Orange Diffused | 45                       | 80      | 30      | 150       | 2.0                            | 2.6 | 6.0      |                            |             |

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| <p><b>L-033 BL-Rxx32R Series</b></p> <p>Side view dimensions: 5.0(.197) top width, 1.9(.075) top width, 6.8(.268) height, 1.5(.059) MAX. height, 0.5(.02) SQ. TYP. cathode width, 25.4(1.0) MIN. body length, 1.0(.04) MIN. base length, 2.54 (.10) NOM. base width.</p> <p>Top view dimensions: 5.05(.198) width, 2.0(.079) width.</p>                                                                                      | <p><b>L-034 BL-Rxx32T Series</b></p> <p>Side view dimensions: 4.9(.193) top width, 2.4(.094) top width, 8.6(.339) height, 1.5(.059) MAX. height, 0.5(.02) SQ. TYP. cathode width, 25.4(1.0) MIN. body length, 1.0(.04) MIN. base length, 2.54 (.10) NOM. base width.</p> <p>Top view dimensions: 5.0(.197) width, 2.4(.094) width.</p>                     |
| <p><b>L-035 BL-Rxx33 Series</b></p> <p>Side view dimensions: 3.7(.146) top width, 3.3(.130) top width, 3.7(.146) height, 1.5(.059) MAX. height, 0.5(.02) SQ. TYP. cathode width, 25.4(1.00) MIN. body length, 1.0(.039) MIN. base length, 2.54(.100) NOM. base width.</p> <p>Top view dimensions: 2.7(.106) width, 1.4(.055) width, 1.8(.071) width, 0.5(.020) SQ. TYP. cathode width, 3.9(.154) width, 2.7(.106) width.</p> | <p><b>L-036 BL-Rxx30 Series</b></p> <p>Side view dimensions: 5.0(.197) top width, 7.1(.280) height, 0.85(.033) height, 1.5(.059) MAX. height, 0.5(.02) SQ. TYP. cathode width, 25.4(1.0) MIN. body length, 1.0(.04) MIN. base length, 2.54 (.10) NOM. base width.</p> <p>Top view dimensions: 5.1(.201) width, 5.9(.232) width.</p>                        |
| <p><b>L-037 BL-Rxx30N Series</b></p> <p>Side view dimensions: 5.0(.197) top width, 7.1(.280) height, 1.5(.059) MAX. height, 0.5(.02) SQ. TYP. cathode width, 25.4(1.0) MIN. body length, 1.0(.04) MIN. base length, 2.54 (.10) NOM. base width.</p> <p>Top view dimensions: 5.0(.197) width, 5.0(.197) width.</p>                                                                                                            | <p><b>L-038 BL-Rxx3P Series</b></p> <p>Side view dimensions: 6.3(.248) top width, 3.7(.146) top width, 6.8(.268) height, 1.7(.067) height, 1.5(.059) MAX. height, 0.5(.202) SQ. TYP. cathode width, 25.4(1.00) MIN. body length, 1.0(.039) MIN. base length, 2.54(.100) NOM. base width.</p> <p>Top view dimensions: 6.3(.248) width, 3.7(.146) width.</p> |
| <p><b>L-039 BL-Rxx3T Series</b></p> <p>Side view dimensions: 3.6(.142) top width, 7.2(.283) height, 1.50(.059) MAX. height, 0.5(.020) SQ. TYP. cathode width, 25.4(1.00) MIN. body length, 1.0(.039) MIN. base length, 2.54(.100) NOM. base width.</p> <p>Top view dimensions: 3.6(.142) width, 3.8(.150) width, 3.8(.150) width.</p>                                                                                        |                                                                                                                                                                                                                                                                                                                                                            |

Notes: 1. All Dimensions are in millimeters (inches).  
2. Tolerance is  $\pm 0.25\text{mm}$  (.010")

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