

Light is OSRAM

OSRAM

Our Brand

LED ENGIN 

Product End-of-Life (EOL) Notification

| Affected Part Number(s): | EOL No. |
|---|---------|
| LZ4-00UB00-00U4; LZ4-40UB00-00U4; LZ4-00UB00-00U5; LZ4-40UB00-00U5; LZ4-00UB00-00U6; LZ4-40UB00-00U6; LZ4-00UB00-00U7; LZ4-40UB00-00U7; LZ4-00UB00-00U8; LZ4-40UB00-00U8 | 29 |

| Part Description: | Date: |
|--|-----------|
| LuxiGen LZ4 Violet UB emitter; LuxiGen LZ4 Violet UB emitter on MCPCB; where wavelength bins are U4 = 385-390nm, U5 = 390-395nm, U6 = 395-400nm, U7 = 400-405nm, U8 = 405-410nm; custom variants | 7/24/2019 |

| Recommended Replacement Part Number(s): |
|---|
| LZ4-00UB0R-00U4; LZ4-V0UB0R-00U4; LZ4-00UB0R-00U5; LZ4-V0UB0R-00U5; LZ4-00UB0R-00U6; LZ4-V0UB0R-00U6; LZ4-00UB0R-00U7; LZ4-V0UB0R-00U7; LZ4-00UB0R-00U8; LZ4-V0UB0R-00U8 |

| Reason for EOL: |
|--|
| Die supplier has a planned EOL and is upgrading to a newer generation of higher radiant flux dies with reversed electrical polarity. |

| Last Order Date: | Last Shipment Date: |
|------------------|---------------------|
| 10/24/2019 | 12/31/2019 |

| Disposition of Existing Inventory |
|--|
| Use up current inventory. No returns to factory. |

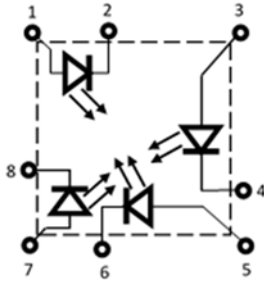
| NOTE: |
|---|
| The replacement part is a new part number, with reversed electrical pinout and new datasheet. |

CONTACT PERSON:

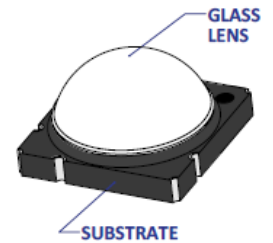
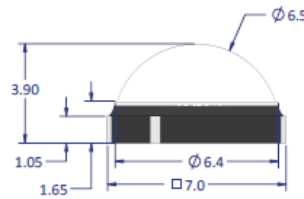
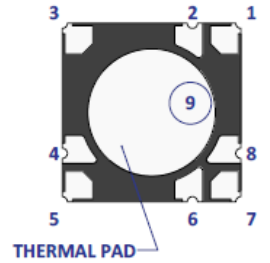
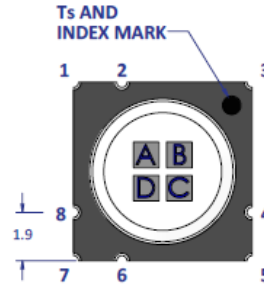
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EOL PRODUCT

LZ4-00UB00-00Ux, where x = 4, 5, 6, 7, 8



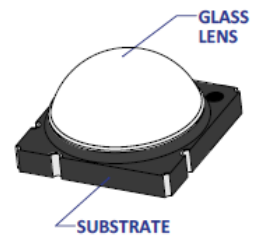
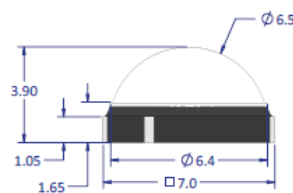
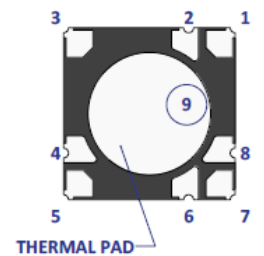
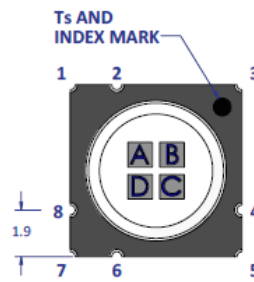
| Pin Out | | |
|------------------|-----|----------|
| Pad | Die | Function |
| 1 | A | Anode |
| 2 | A | Cathode |
| 3 | B | Anode |
| 4 | B | Cathode |
| 5 | C | Anode |
| 6 | C | Cathode |
| 7 | D | Anode |
| 8 | D | Cathode |
| 9 ⁽²⁾ | n/a | Thermal |



REPLACEMENT PRODUCT

LZ4-00UB0R-00Ux, where x = 4, 5, 6, 7, 8

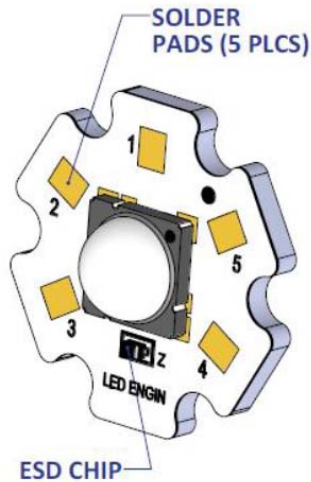
| Pin Out | | |
|------------------|-----|----------|
| Pad | Die | Function |
| 1 | A | Cathode |
| 2 | A | Anode |
| 3 | B | Cathode |
| 4 | B | Anode |
| 5 | C | Cathode |
| 6 | C | Anode |
| 7 | D | Cathode |
| 8 | D | Anode |
| 9 ⁽²⁾ | n/a | Thermal |



Please refer to product datasheets for additional details.

EOL PRODUCT

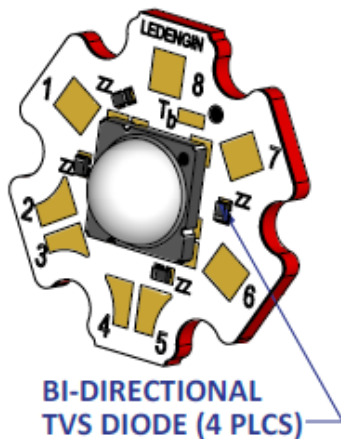
LZ4-40UB00-00Ux, where x = 4, 5, 6, 7, 8



| Pad layout | | | |
|------------|-----------|------------|-----------|
| Ch. | MCPCB Pad | String/die | Function |
| 1 | 1, 2, 3 | 1/ABCD | Cathode - |
| | 4, 5 | | Anode + |

REPLACEMENT PRODUCT

LZ4-V0UB0R-00Ux, where x = 4, 5, 6, 7, 8



| MCPCB Pin Out (with Emitter PN: LZ4-00UB0R-00xx) | | | | |
|---|-----------|-------------|----------|--------------|
| Ch. | MCPCB Pad | Emitter Pad | Function | Die |
| 1 | 8 | 2 | Anode | Die A: xx |
| | 1 | 1 | Cathode | |
| 2 | 6 | 4 | Anode | Die B: xx |
| | 7 | 3 | Cathode | |
| 3 | 4 | 6 | Anode | Die C: xx |
| | 5 | 5 | Cathode | |
| 4 | 2 | 8 | Anode | Die D: xx |
| | 3 | 7 | Cathode | |

1-channel Al MCPCB has been replaced by 4-channel Cu MCPCB.