

Light is OSRAM

OSRAM

Our Brand

LED ENGIN 

Product End-of-Life (EOL) Notification

Affected Part Number(s):	EOL No.
LZ1-00UB00-01U4; LZ1-10UB00-01U4; LZ1-00UB00-01U5; LZ1-10UB00-01U5; LZ1-00UB00-01U6; LZ1-10UB00-01U6; LZ1-00UB00-01U7; LZ1-10UB00-01U7; LZ1-00UB00-01U8; LZ1-10UB00-01U8	27

Part Description:	Date:
LuxiGen LZ1 Violet UB emitter; LuxiGen LZ1 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	5/10/2019

Recommended Replacement Part Number(s):
LZ1-00UB0R-00U4; LZ1-10UB0R-00U4; LZ1-00UB0R-00U5; LZ1-10UB0R-00U5; LZ1-00UB0R-00U6; LZ1-10UB0R-00U6; LZ1-00UB0R-00U7; LZ1-10UB0R-00U7; LZ1-00UB0R-00U8; LZ1-10UB0R-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:
8/1/2019	11/30/2019

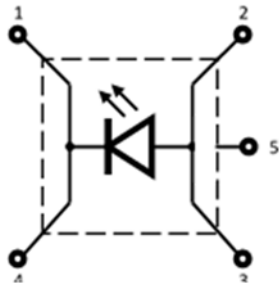
Disposition of Existing Inventory
Use up current inventory. No returns to factory.

NOTE:
The replacement part is a new part number, with reversed electrical pinout and new datasheet. For the new LED emitter, rotating the emitter 180 degree allows the emitter anode and cathode match pinouts on an existing board design using the EOL product.

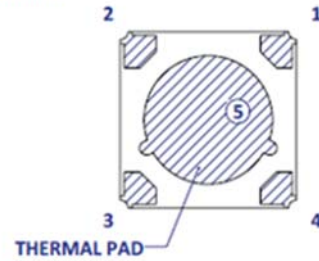
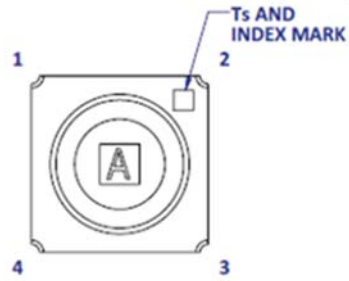
CONTACT PERSON:
Ishita Goswami Product Manager 651 River Oaks Parkway San Jose, CA 95134 i.goswami@osram.com www.osram.us/ledengin

EOL PRODUCT

LZ1-00UB00-01Ux, where x = 4, 5, 6, 7, 8

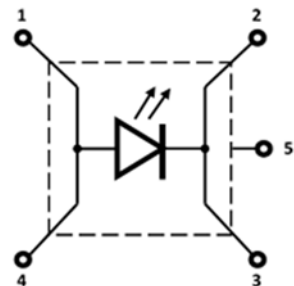


Pin Out	
Pad	Function
1	Cathode
2	Anode
3	Anode
4	Cathode
5 ^[2]	Thermal

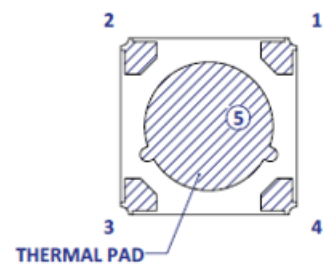
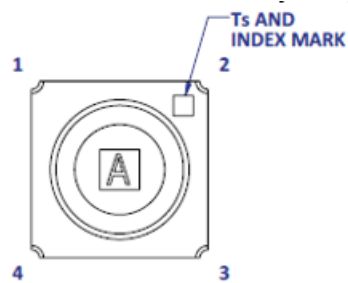


REPLACEMENT PRODUCT

LZ1-00UB0R-00Ux, where x = 4, 5, 6, 7, 8



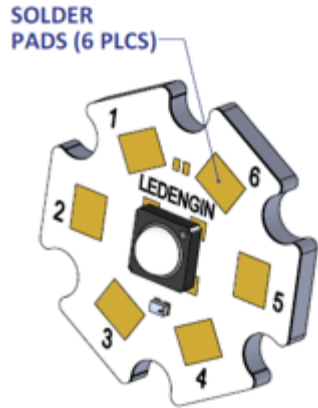
Pin Out	
Pad	Function
1	Anode
2	Cathode
3	Cathode
4	Anode
5 ^[2]	Thermal



Please refer to product datasheets for additional details.

EOL PRODUCT

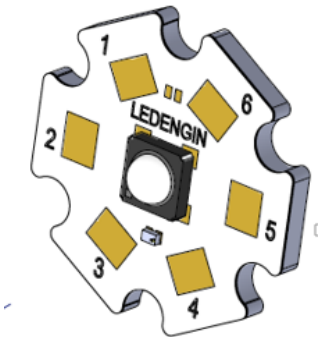
LZ1-10UB00-01Ux, where x = 4, 5, 6, 7, 8



Pad layout		
MCPCB Pad	String/die	Function
1, 2, 3	1/A	Cathode -
4, 5, 6		Anode +

REPLACEMENT PRODUCT

LZ1-10UB0R-00Ux, where x = 4, 5, 6, 7, 8



Pad layout			
Ch.	MCPCB Pad	String/die	Function
1	1, 2, 3	1/A	Cathode -
	4, 5, 6		Anode +

Emitter is rotated 180deg on board resulting in the same MCPCB pinouts as EOL part.