



Product Obsolescence Notification

Issue Date: 10th January 2012

OBS011012OPD1

Dear Customer,

Avago Technologies regrets to announce the obsolescence of a list of products, which are segregated into the following categories:-

Category 1: No Last Time Buy (LTB)

Category 2: 3 Months LTB

Category 3: 6 Months LTB

Part numbers are listed in the Appendix. Please note that orders for products from Category 2-3 will be accepted on a non-cancelable, non-returnable basis only. Avago Technologies reserves the right to limit last time buy quantities based on capacity and material availability.

You are strongly encouraged to switch to the recommended replacement parts stated above and Avago Technologies is willing to provide free samples of these parts for customer evaluation. Please take note that the recommended replacement parts may or may not be drop-in replacement; they may be the closest replacement available.

If you have any questions about this obsolescence, please do not hesitate to contact your local Avago Technologies sales representative or authorized distributors.

Optoelectronic Products Division
Avago Technologies

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements.

APPENDIX – Part Number Listings

Category 1: No Last Time Buy (LTB)

Products will be obsoleted immediately on January 10th, 2012. There will be no last time buy offered.

Product Category	Part Number	Part Description	Replacement Part
Base Lamps	QLMP-NW81	Lamp,Rect,White,Amber,100deg	N/A
Base Lamps	QLMP-NW82	Lamp,Rect,White,Amber,100deg	N/A
Base Lamps	QLMP-NW83	Lamp,Rect,White,Amber,100deg	N/A
Base Lamps	QLMP-NW91-J0P00	Lamp,Rect,InGaP,White,85deg	N/A
Base Lamps	QLMP-NW95-J0P00	Lamp,Rect,InGaP,White,100deg	N/A
Base Lamps	QLMP-NW96-J0P00	Lamp,Rect,InGaP,White,100deg	N/A
ChipLED	HSMF-C168	Chip,Biclr,Grn/Blue	N/A
ESS	HLMP-CB14-UX0DD	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB1B-XY0DD
ESS	HLMP-CE13-35CDD	Lamp,5mm,InGaP,Cyan,15deg	HLMP-CE13-24CDD
ESS	HLMP-CE13-35QDD	Lamp,5mm,InGaP,Cyan,15deg	HLMP-CE13-24QDD
ESS	HLMP-CE14-35CDD	Lamp,5mm,InGaP,Cyan,15deg	HLMP-CE14-24CDD
ESS	HLMP-CE14-35QDD	Lamp,5mm,InGaP,Cyan,15deg	HLMP-CE14-24QDD
ESS	HLMP-CE22-Z2CDD	Lamp,5mm,InGaP,Cyan,23deg	HLMP-CE22-Y1CDD
ESS	HLMP-CE22-Z2QDD	Lamp,5mm,InGaP,Cyan,23deg	HLMP-CE22-Y1QDD
ESS	HLMP-CE25-Z2CDD	Lamp,5mm,InGaP,Cyan,23deg	HLMP-CE25-Y1CDD
ESS	HLMP-CE25-Z2QDD	Lamp,5mm,InGaP,Cyan,23deg	HLMP-CE25-Y1QDD
ESS	HLMP-CE34-Y1QDD	Lamp,5mm,InGaP,Cyan,30deg	HLMP-CE34-XZQDD
ESS	HLMP-CE35-Y1CZZ	Lamp,5mm,InGaP,Cyan,30deg	HLMP-CE35-XZCZZ
ESS	HLMP-CM34-XYCDD	Lamp,5mm,InGaP,Grn,30deg	HLMP-CM3A-Z1CDD
ESS	HLMP-ED31-TVT00	Lamp,5mm,AlInGaP2,Red,30deg	HLMP-EG3G-UW0DD
ESS	QLMP-ED44-TV0FE	Lamp,5mm,AlInGaP2,Red,23deg	QLMP-EG44-UW0FE
ICM	HDJD-J822-SCR00	RGB LED,COLOR CONTROLLER	N/A
PLCC	HSMN-A101-N8YJ1	PLCC2,Top Mt,InGaP,Blue	HSMN-A100-R4YJ1
PLCC	QSMT-QHGR-FFF0E	PLCC4,MPWR,T/Mt,0.5W,AlInGaP2,Rorg	QSMT-QHGR-A9G0E
PLCC	QSMZ-A112-R00J1	PLCC2,Top Mt,AlInGaP2,Red	N/A
S4	QDSP-7488	S4,0.3M,Yel,CC with extended leads	N/A
S4	QDSP-A586	S4,0.3M,Grn LC,CC	N/A
S4	QDSP-U238	S4,0.3UM,HER,CC,T/S Black	QDSP-U233

Category 2: 3 Months LTB

- Final customer order date by March 9th, 2012
- Final ship date to customers by October 10th, 2012

Product Category	Part Number	Part Description	Replacement Part
Base Lamps	HLMA-SH05	Lamp,Rect,AlInGaP,615nm RedOrg	N/A
Base Lamps	HLMF-K205#2CA	Lamp,3mm,Auto insert,GaP,HER	HLMF-K205#2UN
Base Lamps	HLMF-KL05	Lamp,3mm,Auto insert,AlInGaP,Amb	N/A
Base Lamps	HLMP-1573	Lamp,3mm,GaP,Grn	HLMP-1503
Base Lamps	HLMP-3907-K0002	Lamp,5mm,GaP,Grn,Standoffs	HLMP-3950
Base Lamps	QLMJ-A017-F00UT	Lamp,5mm,GaP,Grn	HLMP-3507
Base Lamps	QLMP-Y899-JPP00	Lamp,3mm,AlInGaP,Grn	HLMP-Y801-JPP00
ChipLED	QSMR-C199	Chip,Top Mt,InGaP,Blue	HSMR-C191
ESS	HLMP-AG62-UX0DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG62-UX0YY	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-AG62-UX0ZZ	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG62-WZ0DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG62-X10DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG62-X10YY	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG62-YZ0DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG70-Y10DD
ESS	HLMP-AG63-UX0DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AG63-UX0YY	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AG63-UX0ZZ	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AG63-X10DD	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AG63-X10YY	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AG63-Y10ZZ	Lamp,5mm,AlInGaP,Red,30X70deg	HLMP-AG71-Y10DD
ESS	HLMP-AH62-UX0DD	Lamp,5mm,AlInGaP,RedOrg,30X70deg	HLMP-AH64-Z10DD
ESS	HLMP-AH62-X10DD	Lamp,5mm,AlInGaP,RedOrg,30X70deg	HLMP-AH64-Z10DD
ESS	HLMP-AH63-UX0DD	Lamp,5mm,AlInGaP,RedOrg,30X70deg	HLMP-AH65-Z10DD
ESS	HLMP-AH63-YZ0DD	Lamp,5mm,AlInGaP,RedOrg,30X70deg	HLMP-AH65-Z10DD
ESS	HLMP-AL62-U0000	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-AL62-UY0DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-AL62-VZ0DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-AL62-VZK00	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2KDD
ESS	HLMP-AL62-VZKDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2KDD
ESS	HLMP-AL62-VZMDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2LDD
ESS	HLMP-AL62-WZ0DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-AL62-WZKDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2KDD
ESS	HLMP-AL62-WZKZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2KDD
ESS	HLMP-AL62-WZLDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2LDD
ESS	HLMP-AL62-WZLZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z2LDD
ESS	HLMP-AL62-X10DD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-AL63-U0000	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-U00DD	Lamp,5mm,AlInGaP,Amb,30x70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-V0KDD	Lamp,5mm,AlInGaP,Amb,30x70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-VY0ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-VZ0DD	Lamp,5mm,AlInGaP,Amb,30x70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-VZ0ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-VZK00	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-VZL00	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2LDD
ESS	HLMP-AL63-VZMZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2LDD
ESS	HLMP-AL63-WZ0DD	Lamp,5mm,AlInGaP,Amb,30x70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-WZ0ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-WZKDD	Lamp,5mm,AlInGaP,Amb,30x70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-WZKYY	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-WZKZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-X10ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-AL63-XYKDD	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2KDD
ESS	HLMP-AL63-Y10ZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z20DD
ESS	HLMP-EG12-WX0DD	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG1G-XZ0DD
ESS	HLMP-EG12-XY0DD	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG1G-XZ0DD
ESS	HLMP-EG13-UX0DD	Lamp,5mm,AlInGaP,Red,15deg	HLMP-EG1H-XZ0DD
ESS	HLMP-EG22-WX000	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2G-WY0DD
ESS	HLMP-EG22-WX0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2G-WY0DD
ESS	HLMP-EG23-UX000	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2H-WY0DD
ESS	HLMP-EG23-UX0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2H-WY0DD

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-EG23-WX0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2H-WY0DD
ESS	HLMP-EG35-TV0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3G-UW0DD
ESS	HLMP-EG35-UV0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3G-UW0DD
ESS	HLMP-EG35-VW0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3G-UW0DD
ESS	HLMP-EG35-VX0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3G-UW0DD
ESS	HLMP-EG37-TV0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3H-UW0DD
ESS	HLMP-EG37-TW0ZZ	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3H-UW0DD
ESS	HLMP-EG37-VW0ZZ	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3G-UW0DD
ESS	HLMP-EG37-WX0DD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3H-UW0DD
ESS	HLMP-EH12-VY000	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH1A-Z10DD
ESS	HLMP-EH12-VY0DD	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH1A-Z10DD
ESS	HLMP-EH12-YZ0DD	Lamp,5mm,AlInGaP,RedOrg,15deg	HLMP-EH1A-Z10DD
ESS	HLMP-EH22-TW000	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH2A-XY0DD
ESS	HLMP-EH22-TW0DD	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH2A-XY0DD
ESS	HLMP-EH23-XY0DD	Lamp,5mm,AlInGaP,RedOrg,23deg	HLMP-EH2B-XY0DD
ESS	HLMP-EH35-UV000	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH3A-WX0DD
ESS	HLMP-EH35-UV0DD	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH3A-WX0DD
ESS	HLMP-EH37-SV0DD	Lamp,5mm,AlInGaP,RedOrg,30deg	HLMP-EH3B-WX0DD
ESS	HLMP-EL12-V0000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-WX0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-WY0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-WY400	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y1KDD
ESS	HLMP-EL12-WZ000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-WZ0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-WZK00	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y1KDD
ESS	HLMP-EL12-WZKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y1KDD
ESS	HLMP-EL12-X10DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL12-XYKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y1KDD
ESS	HLMP-EL12-YZ2DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y1KDD
ESS	HLMP-EL12-YZKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
ESS	HLMP-EL13-V0000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-VY000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-WX0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-WXKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-WZ000	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-WZ400	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-WZ4DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-WZK00	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-X10DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-X1KDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-XX2DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-XX4DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-XY0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y10DD
ESS	HLMP-EL13-XYK00	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL13-XYKDD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1H-Y1KDD
ESS	HLMP-EL22-T0000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WY0DD
ESS	HLMP-EL22-TVK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-TW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WY0DD
ESS	HLMP-EL22-TW4DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-TWK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-TWKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-EL22-UV4DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-UV4ZZ	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-UVLDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYLDD
ESS	HLMP-EL22-UX000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WY0DD
ESS	HLMP-EL22-UX400	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-UX4DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-UXK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-UXKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VW4DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VWK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VWKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VXK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VXKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL22-VXL00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYLDD
ESS	HLMP-EL22-WXKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2G-WYKDD
ESS	HLMP-EL23-T0000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-TW000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-TW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-UV0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-UVKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-EL23-UVLDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYLDD
ESS	HLMP-EL23-UW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-UX000	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-UX0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-UXK00	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-EL23-UXKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-EL23-VW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-VX0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL23-VXKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-EL23-WYKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-EL35-S0000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-SV000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-SV0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-TU000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-TUK00	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-TUL00	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWLDD
ESS	HLMP-EL35-TULDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWLDD
ESS	HLMP-EL35-TULZZ	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWLDD
ESS	HLMP-EL35-TV000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-TV0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-TVK00	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-TVKDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-TWKDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-UV0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UW0DD
ESS	HLMP-EL35-UV200	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-UVKZZ	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-UVL00	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWLDD
ESS	HLMP-EL35-UW4DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-UWKDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-UWLDD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL3G-UWLDD
ESS	HLMP-EL35-UX200	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD

Product Category	Part Number	Part Description	Replacement Part
ESS	HLMP-EL35-UX400	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-VWMDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-VY200	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-WX200	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL35-WX2DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3G-UWKDD
ESS	HLMP-EL37-SV0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-TV0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-TVKDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-TW000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-TW0ZZ	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-TWKDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-TWMZZ	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-U00DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-UU2DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-UU4DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-UX0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-VX000	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-VY0DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UW0DD
ESS	HLMP-EL37-VYLDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWLDD
ESS	HLMP-EL37-VYMDD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-WW2DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-EL37-WW4DD	Lamp,5mm,AlInGaP,Amb,30deg	HLMP-EL3H-UWKDD
ESS	HLMP-HG62-UW0ZZ	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG70-VX0DD
ESS	HLMP-HG63-TX0DD	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-VX0DD
ESS	HLMP-HG63-TX0YY	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-VX0DD
ESS	HLMP-HG63-TX0ZZ	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-WZ0ZZ
ESS	HLMP-HG63-UV0DD	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-VX0DD
ESS	HLMP-HG63-UW0ZZ	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-VX0DD
ESS	HLMP-HG63-UX0DD	Lamp,5mm,AlInGaP,Red,40X100deg	HLMP-HG71-VX0DD
ESS	HLMP-HH62-TX0DD	Lamp,5mm,AlInGaP,RedOrg,40x100deg	HLMP-HH64-WX0DD
ESS	HLMP-HH63-TX0DD	Lamp,5mm,AlInGaP,RedOrg,40x100deg	HLMP-HH65-WX0DD
ESS	HLMP-HL62-STKDD	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL70-WYKDD
ESS	HLMP-HL63-STKDD	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL71-WYKDD
ESS	HLMP-HL63-TUKDD	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL71-WYKDD
ESS	HLMP-HL63-TX000	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL71-WY0DD
ESS	HLMP-HL63-UW000	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL71-WY0DD
ESS	HLMP-HL63-VXK00	Lamp,5mm,AlInGaP,Amb,40X100deg	HLMP-HL71-WYKDD
ESS	HLMP-LG63-TX0DD	Lamp,4mm,AlInGaP,Red,50X100deg	HLMP-LG71-VY0DD
ESS	HLMP-LG63-TX0ZZ	Lamp,4mm,AlInGaP,Red,50X100deg	HLMP-LG71-VY0DD
ESS	HLMP-LG63-UV0DD	Lamp,4mm,AlInGaP,Red,50X100deg	HLMP-LG71-VY0DD
ESS	QLMP-AL92-YZKZZ	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL71-Z2KDD
ESS	QLMP-EG53-UX0DD	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2H-WY0DD
ESS	QLMP-EL53-VX0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	QLMP-EL69-VW0DD	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
PolyLED	HLMP-6700-G0000	Poly,Dome,RLED,GaP,Yel	N/A
SSL	ADJD-WM40-NGJZ0	MS Strip,12,Cool White	ADJD-WM40-NKKZ0
SSL	ASMT-AW31-NUVH1	MS AV,3W CWhite	ASMT-AW31-NVWH1
SSL	ASMT-JW31-NUVK1	MS JD,3W Mini CWhite	ASMT-JW32-NWVK1
SSL	ASMT-MW06-NLMZ1	MS,1W,Cool White	ASMT-MW06-NMNZ1
SSL	ASMT-MW20-NLN00	MS,3W,Cool White	ASMT-MW22-NNP00

Category 3: 6 Months LTB

- Final customer order date by June 9th, 2012
- Final ship date to customers by January 10th, 2013

Product Category	Part Number	Part Description	Replacement Part
ChipLED	HSMS-C177-00004	Chip,Top Mt,HER	HSMS-C177
ChipLED	QSMA-C282	Chip,Top Mt,AlInGaP,Amb	HSMA-C280
ChipLED	QSMG-C19N	Chip,Top Mt,GaP,Grn	HSMG-C190
ChipLED	QSMG-C19P	Chip,Top Mt,GaP,Grn	HSMG-C191
ChipLED	QSML-C19D	Chip,Top Mt,AlInGaP,Org	HSML-C191
ChipLED	QSMQ-C187	Chip,Top Mt,InGaP,Grn	HSMQ-C197
ChipLED	QSMR-C13K	Chip,Top Mt,InGaP,Blue	HSMR-C130
ChipLED	QSMW-C135	Chip,Top Mt, White	HSMW-C130
ChipLED	QSMW-C19L	Chip,Top Mt,White	HSMW-C191
ChipLED	QSMY-C19N	Chip,Top Mt,GaP,Yel	HSMY-C190
ChipLED	QSMY-C19P	Chip,Top Mt,GaP,Yel	HSMY-C191
ESS	HLMP-AL01-NR000	Lamp,5mm,AlInGaP,Amb,30X70deg	HLMP-AL70-Z20DD
ESS	HLMP-BL11-KN000	Lamp,5mm,AlInGaP,Amb,30X70deg	N/A
ESS	HLMP-EG24-QT001	Lamp,5mm,AlInGaP,Red,23deg	HLMP-EG2G-WY0DD
ESS	HLMP-EL26-PS002	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WY0DD
ESS	HLMP-EL26-TWKZZ	Lamp,5mm,AlInGaP,Amb,23deg	HLMP-EL2H-WYKDD
ESS	HLMP-RL10-LP0DD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-RL20-MP0DD
ESS	HLMP-SL10-HL0DD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-N00DD
ESS	HLMP-SL10-LMKDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
ESS	HLMP-SL10-MNK00	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
ESS	HLMP-SL10-MNKDD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
ESS	HLMP-SL10-MP0DD	Lamp,4mm,AlInGaP,Amb,60X120deg	HLMP-SL20-MP0DD
ESS	QLMA-DJ99#2DD	Lamp,5mm,AlInGaP,Org,15deg	N/A
ESS	QLMA-DL87-KM0DD	Lamp,5mm,AlInGaP,Amb	N/A
ESS	QLMA-EL38#2DD	Lamp,5mm,AlInGaP,Amb,40deg	HLMA-EL20-H0000
ESS	QLMP-EG46-JK0DD	Lamp,5mm,AlInGaP,Red,55deg	N/A
ESS	QLMP-EG79-PR0DD	Lamp,5mm,AlInGaP,Red,30deg	N/A
ESS	QLMP-EG95-QRZDD	Lamp,5mm,AlInGaP,Red,30deg	HLMP-EG3H-UW0DD
ESS	QLMP-EJ98-PR0ZZ	Lamp,5mm,AlInGaP,Org,30deg	N/A
ESS	QLMP-EJ99-SVZDD	Lamp,5mm,AlInGaP,Org,15deg	N/A
ESS	QLMP-EL59-H0KDD	Lamp,5mm,AlInGaP,Amb,50deg	N/A
ESS	QLMP-EL90-PS0DD	Lamp,5mm,AlInGaP,Amb,15deg	HLMP-EL1G-Y10DD
S4	5082-7650-DD000	S4,0.43in,HER,CA,LDP,T/S Red	5082-7650
S4	5082-7651-DD000	S4,0.43in,HER,CA,T/S Red	5082-7651