



Product Obsolescence Notification

Issue Date: 1st November 2007

OBS110107SID1

Dear Customer,

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

Category 1: No Last Time Buy (LTB)

Category 2: 1 Month LTB

Category 3: 3 Months LTB

Category 4: 6 Months LTB

Part numbers are listed in the Appendix. Please note that orders for products from Category 2-4 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.

Solid-state Illumination 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 November 1, 2007. There will be no last time buy offered.

Part Number	Part Description	Replacement Part
HLMP-BM11-Q00DD	Lamp,5mm,InGaN,Grn,30X70deg	NONE

Category 2: 1 Month LTB

- Final customer order date by December 31st, 2007
- Final ship date to customers by June 30th, 2008

Part Number	Part Description	Replacement Part
HLMP-AL06-RSLDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZLDD
HLMP-AL06-RSSZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZKZZ
HLMP-AL16-N0002	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-U0000
HLMP-AL16-PS0DD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0DD
HLMP-AL16-PSRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0DD
HLMP-AL16-QRRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VX0DD
HLMP-AL16-QTRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZ0DD
HLMP-AL16-QTWZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZMZZ
HLMP-AL16-RS0ZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-WZ0ZZ
HLMP-AL16-RSSYY	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-WZKYY
HLMP-AL60-WXSZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WXKZZ
HLMP-AL90-RSYZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZLZZ
HLMP-AL90-RSYZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZLZZ
HLMP-BL06-QRS00	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-VZK00
HLMP-BL06-QRSDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-VZKDD
HLMP-BL06-QTWDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-VZMDD
HLMP-BL06-STSD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-Y1KDD
HLMP-BL16-PS0YY	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0YY
HLMP-BL16-PS0ZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0ZZ
HLMP-BL16-PSRYY	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0YY
HLMP-BL16-Q0KDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-V0KDD
HLMP-BL16-QRY00	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZL00
HLMP-BL16-QTRZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZ0ZZ
HLMP-CB11-UX000	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-UX000
HLMP-CB11-VWCDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-VWCDD
HLMP-CB11-WXBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-VWBDD
HLMP-CB12-TW000	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB14-UX000
HLMP-CB12-UVBDD	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB14-UVBDD
HLMP-CB26-SV0DD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB22-SV0DD
HLMP-CB26-TUD00	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB22-STC00
HLMP-CB27-SV000	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB25-SV000
HLMP-CB36-R0000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-R0000
HLMP-CB36-R0CDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-R0CDD
HLMP-CB36-RS2DD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSBDD
HLMP-CB36-RSB00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSB00
HLMP-CB36-RSBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSBZZ
HLMP-CB36-RSD00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB34-RSC00
HLMP-CB37-RSC00	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RSC00
HLMP-CB37-RSDDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RSCDD
HLMP-CB37-RU000	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RU000
HLMP-CM11-Z1A00	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z1B00
HLMP-CM11-Z1C00	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z1C00
HLMP-CM12-Y2000	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM14-Z3000
HLMP-CM12-Y20DD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM14-Z30DD
HLMP-CM12-Z1C00	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM14-Z1C00
HLMP-CM12-Z1CDD	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM14-Z1CDD

Part Number	Part Description	Replacement Part
HLMP-CM26-X10DD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM22-X10DD
HLMP-CM26-YZC00	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM22-YZC00
HLMP-CM27-X1000	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM25-X1000
HLMP-CM27-X10DD	Lamp,5mm,InGaN,Grn,23deg	HLMP-CM25-X10DD
HLMP-CM36-WY000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM34-WY000
HLMP-CM36-WZ0DD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM34-WZ0DD
HLMP-CM36-XYC00	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM34-XYC00
HLMP-CM37-XYDDD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-XYCDD
HLMP-EL16-S0000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-V0000
HLMP-EL16-TW000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-VY000
HLMP-EL16-UXR00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-VY0DD
HLMP-EL16-VX0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WY0DD
HLMP-EL16-VX400	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WY400
HLMP-EL16-VY0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZ0DD
HLMP-EL16-VYKDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZKDD
HLMP-EL16-VYR00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZ000
HLMP-EL16-VYS00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZK00
HLMP-EL16-VYSDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZKDD
HLMP-EL16-WZR00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZ000
HLMP-EL16-X1RDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-X10DD
HLMP-EL18-S0000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-V0000
HLMP-EL18-UX0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-VY0DD
HLMP-EL18-VWKDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WXKDD
HLMP-EL18-VY0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ0DD
HLMP-EL18-VYR00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ000
HLMP-EL18-VYS00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZK00
HLMP-EL18-VYU00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ400
HLMP-EL18-VYUDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ4DD
HLMP-EL18-WX0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WX0DD
HLMP-EL18-WX2DD	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
HLMP-EL18-WX4DD	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
HLMP-EL18-WZR00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ000
HLMP-EL18-X1RDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-X10DD
HLMP-EL18-XYRDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-XY0DD
HLMP-EL18-XYS00	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-XYK00
HLMP-EL25-Q0000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-T0000
HLMP-EL25-QT0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW000
HLMP-EL25-RUS00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TWK00
HLMP-EL25-SUK00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TVK00
HLMP-EL25-SUS00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TVK00
HLMP-EL25-SV0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL25-SVRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW0DD
HLMP-EL25-TW400	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX400
HLMP-EL25-TWK00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UXK00
HLMP-EL25-TWRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX0DD
HLMP-EL25-TWS00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UXK00
HLMP-EL25-UV4DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UV4DD
HLMP-EL25-UVYDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UVLDD
HLMP-EL25-UX0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX0DD
HLMP-EL25-UXR00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX000
HLMP-EL25-UXRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX0DD
HLMP-EL25-UXSDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UXKDD
HLMP-EL25-VXKDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-VXKDD
HLMP-EL27-Q0000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-T0000
HLMP-EL27-QTR00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-TW000
HLMP-EL27-SV000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-TW000
HLMP-EL27-SVR00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-TW000
HLMP-EL27-TW000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UX000
HLMP-EL27-TWR00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UX000
HLMP-EL27-UVRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UV0DD

Part Number	Part Description	Replacement Part
HLMP-EL27-UVYDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UVLDD
HLMP-EL27-UW0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UW0DD
HLMP-EL31-P0000	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-S0000
HLMP-EL31-QTR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-SV000
HLMP-EL31-QTTDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-SV0DD
HLMP-EL31-STR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TU000
HLMP-EL31-SUR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TV000
HLMP-EL31-SUS00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TVK00
HLMP-EL31-SUSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TVKDD
HLMP-EL31-SVR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TW000
HLMP-EL31-SVS00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWK00
HLMP-EL31-TU000	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TU000
HLMP-EL31-TUR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TU000
HLMP-EL31-TUY00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TUL00
HLMP-EL31-TUYZZ	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TULZZ
HLMP-EL31-TWR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TW000
HLMP-EL31-UVS00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UVKDD
HLMP-EL31-UVY00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UVL00
HLMP-EL31-UWYDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UWLDD
HLMP-EL31-VYRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-VY0DD
HLMP-EL33-QT0DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-SV0DD
HLMP-EL33-SUR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TV0DD
HLMP-EL33-SV0ZZ	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0ZZ
HLMP-EL33-SVR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW000
HLMP-EL33-SVSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TWKDD
HLMP-EL33-TT2DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-VV2DD
HLMP-EL33-TU2DD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
HLMP-EL33-TU4DD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
HLMP-EL33-TWR00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW000
HLMP-EL33-TWRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0DD
HLMP-EL33-TWS00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TWK00
HLMP-EL33-U0RDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-U00DD
HLMP-EL33-UU2DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-UU2DD
HLMP-EL33-UU4DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-UU4DD
HLMP-EL33-VYRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-VY0DD
HLMP-EL62-VW400	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
HLMP-HB56-NPCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB64-QRCZZ
HLMP-HB57-KN0ZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-NS0ZZ
HLMP-HB57-LMCDD	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCDD
HLMP-HB57-LMCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCZZ
HLMP-HB57-LMDDD	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCDD
HLMP-HB57-LPBDD	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QUBDD
HLMP-HB57-MNBZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRBZZ
HLMP-HB57-MNCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCZZ
HLMP-HB57-MQ0YY	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0YY
HLMP-HB60-STCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB64-QRCZZ
HLMP-HB61-QT0YY	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0YY
HLMP-HL56-MNSDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL62-STKDD
HLMP-HL57-MNKDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-STKDD
HLMP-HL57-MNSDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-STKDD
HLMP-HL57-NPKDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-TUKDD
HLMP-HL57-NPSDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-TUKDD
HLMP-HL57-NR000	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-TX000
HLMP-HL57-PQSDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-UW000
HLMP-HM56-STCZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM64-YZCZZ
HLMP-HM57-RSCZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-XYCZZ
HLMP-HM57-RU0ZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-X20ZZ
HLMP-HM57-SCDD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-YZCDD
HLMP-HM57-STCZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-YZCZZ
HLMP-HM57-STDDD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-YZCDD

Part Number	Part Description	Replacement Part
HLMP-HM57-SV0DD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y30DD
HLMP-HM57-SVBDD	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y3BZZ
HLMP-HM57-UVBZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-YZBZZ
HLMP-HM61-Y20YY	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y20YY
HLMP-LB17-LP000	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LB17-LP0DD	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LB17-LP0YY	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LB17-MNBZZ	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LB17-MQ0YY	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LB61-PT0ZZ	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-LM17-SV000	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y3000
HLMP-LM17-SV0DD	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y30DD
HLMP-LM17-SV0YY	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y30YY
HLMP-LM17-SV0ZZ	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y30ZZ
HLMP-LM17-UVCZZ	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-12CZZ
HLMP-LM61-X20ZZ	Lamp,4mm,InGaN,Grn,50X100deg	HLMP-LM65-Y30ZZ
HLMP-RL11-H0000	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL10-LP000
HLMP-RL11-L0RDD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL10-LP0DD
HLMP-RL11-LP0DD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL10-LP0DD
HLMP-RL11-LPR00	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL10-LP000
HLMP-SL11-H0000	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP000
HLMP-SL11-HL0DD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP0DD
HLMP-SL11-LP000	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP000
HLMP-SL11-LPR00	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP000
HLMP-SL11-LPRDD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP0DD
HLMP-SL11-MNS00	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-MNK00
HLMP-SL11-MNSDD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-MNKDD
QLMA-DL83-ST402	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMA-DL83-ST4DD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMA-DL86	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMA-DL86#002	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMA-DL86-QS4DD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-AL49	Lamp,5mm,AlInGaP2,Amb,30X70deg	NONE
QLMP-AL89-RSRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	NONE
QLMP-CB79-QSFDD	Lamp,5mm,InGaN,Blue,30deg	NONE
QLMP-CB80-VWZDD	Lamp,5mm,InGaN,Blue,15deg	NONE
QLMP-CB81-QRCDD	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-QRCDD
QLMP-CM79-WYFDD	Lamp,5mm,InGaN,Grn,30deg	NONE
QLMP-EL19-VYKDD	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
QLMP-EL19-VYSDD	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
QLMP-EL29-TWKDD	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL29-UWSDD	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL39-TW4DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW4DD
QLMP-EL41-SVSDD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-EL51-UXZDD	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
QLMP-EL51-UXZZZ	Lamp,5mm,AlInGaP2,Amb,15deg	NONE
QLMP-EL79-VWRDD	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL80-VWSZZ	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL80-VWYZZ	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL81-WXRDD	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL82-VYRDD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-EL83-VWRDD	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-EL89-VWYZZ	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL92-TWSZZ	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL93-X1KDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-X1KDD
QLMP-EL98-VY200	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL35-VY200
QLMP-EL99-UX200	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UX200
QLMP-EL99-UX400	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UX400
QLMP-HB98-RSCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCZZ
QLMP-HB98-RTCZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QRCZZ

Part Number	Part Description	Replacement Part
QLMP-HM98-YZCZZ	Lamp,5mm,InGaP,Grn,40X100deg	HLMP-HM65-YZCZZ
QLMP-LB92-LP0YY	Lamp,4mm,InGaP,Blue,50X100deg	NONE
QLMP-LB97-LP0ZZ	Lamp,4mm,InGaP,Blue,50X100deg	NONE
QLMP-LM92-SV0YY	Lamp,4mm,InGaP,Grn,50X100deg	NONE
QLMP-LM97-SV0ZZ	Lamp,4mm,InGaP,Grn,50X100deg	NONE

Category 3: 3 Months LTB

- Final customer order date by February 28th, 2008
- Final ship date to customers by August 31st, 2008

Part Number	Part Description	Replacement Part
HLMP-AL06-N0000	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-U0000
HLMP-AL06-NSRDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-UY0DD
HLMP-AL06-QRLDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-VZ0DD
HLMP-AL06-RSKDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZKDD
HLMP-AL06-RSSDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZKDD
HLMP-AL06-STSD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-Y1KDD
HLMP-AL16-PSRZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0ZZ
HLMP-AL61-VYRZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VY0ZZ
HLMP-AL90-RSSZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZKZZ
HLMP-BL06-N00DD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-U00DD
HLMP-BL06-QRKDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-VZKDD
HLMP-BL06-RSKDD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL62-WZKDD
HLMP-BL16-N0000	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-U0000
HLMP-BL16-N00DD	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-U00DD
HLMP-BL16-PSRZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-UX0ZZ
HLMP-BL16-QRS00	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-VZK00
HLMP-CB11-TW0DD	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB13-UX0DD
HLMP-CB11-UVB00	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB13-UVB00
HLMP-CB12-UX000	Lamp,5mm,InGaP,Blue,15deg	HLMP-CB14-UX000
HLMP-CB26-SV000	Lamp,5mm,InGaP,Blue,23deg	HLMP-CB22-SV000
HLMP-CB26-TUDD	Lamp,5mm,InGaP,Blue,23deg	HLMP-CB22-STCDD
HLMP-CB36-QT0DD	Lamp,5mm,InGaP,Blue,30deg	HLMP-CB34-RU0DD
HLMP-CB36-RU0DD	Lamp,5mm,InGaP,Blue,30deg	HLMP-CB34-RU0DD
HLMP-EL18-UX000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-VY000
HLMP-EL18-VY000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ000
HLMP-EL18-VYRDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ0DD
HLMP-EL18-WW4DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-YY4DD
HLMP-EL18-WZRDD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-WZ0DD
HLMP-EL18-XX2DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-XX2DD
HLMP-EL18-XX4DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-XX4DD
HLMP-EL25-RU000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TW000
HLMP-EL25-SVK00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-TWKDD
HLMP-EL25-UV400	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UV400
HLMP-EL25-UVUZZ	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UV4ZZ
HLMP-EL25-VXY00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-VXL00
HLMP-EL27-TW0DD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL27-TWKDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UXKDD
HLMP-EL27-UWRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UW0DD
HLMP-EL27-VXSDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-VXKDD
HLMP-EL31-SVK00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWK00
HLMP-EL31-SVKDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWKDD
HLMP-EL31-SVSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWKDD
HLMP-EL31-TWS00	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWK00
HLMP-EL31-TWSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TWKDD
HLMP-EL31-UVKZZ	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UVKZZ
HLMP-EL31-UVSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-UVKDD
HLMP-EL33-SVRZZ	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0ZZ
HLMP-EL33-TT4DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-VV4DD

Part Number	Part Description	Replacement Part
HLMP-EL33-UXRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-UX0DD
HLMP-HB57-LP0DD	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0DD
HLMP-HL56-PQYDU	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL62-UWLDU
HLMP-HL57-QRSDD	Lamp,5mm,AlInGaP2,Amb,40X100deg	HLMP-HL63-VXK00
HLMP-HM57-SV000	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y3000
HLMP-HM61-Y30ZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y30ZZ
HLMP-RL11-LP000	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-RL10-LP000
HLMP-SL11-LP0DD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-LP0DD
QLMP-EL89-VWKZZ	Lamp,5mm,AlInGaP2,Amb,23deg	QLMP-EL67-VWKZZ
QLMP-HB98-TUCZZ	Lamp,5mm,InGaN,Blue,40X100deg	NONE

Category 4: 6 Months LTB

- Final customer order date by May 31st, 2008
- Final ship date to customers by November 30th, 2008

Part Number	Part Description	Replacement Part
HLMP-AL16-N0000	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-U0000
HLMP-AL16-RSSZZ	Lamp,5mm,AlInGaP2,Amb,30X70deg	HLMP-AL63-WZKZZ
HLMP-CB11-TW000	Lamp,5mm,InGaN,Blue,15deg	HLMP-CB13-UX000
HLMP-CB27-SV0DD	Lamp,5mm,InGaN,Blue,23deg	HLMP-CB25-SV0DD
HLMP-CB37-RUBZZ	Lamp,5mm,InGaN,Blue,30deg	HLMP-CB35-RUBZZ
HLMP-CM11-Y2000	Lamp,5mm,InGaN,Grn,15deg	HLMP-CM13-Z3000
HLMP-CM36-X1000	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM34-X1000
HLMP-CM37-X10DD	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-X10DD
HLMP-CM37-X1BZZ	Lamp,5mm,InGaN,Grn,30deg	HLMP-CM35-X1BZZ
HLMP-EL16-TW0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-VY0DD
HLMP-EL16-VY000	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZ000
HLMP-EL16-WZ0DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL12-WZ0DD
HLMP-EL18-WW2DD	Lamp,5mm,AlInGaP2,Amb,15deg	HLMP-EL13-YY2DD
HLMP-EL25-UX000	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-UX000
HLMP-EL25-VXSDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL22-VXKDD
HLMP-EL27-TWK00	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UXK00
HLMP-EL27-UXRDD	Lamp,5mm,AlInGaP2,Amb,23deg	HLMP-EL23-UX0DD
HLMP-EL31-QT000	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-SV000
HLMP-EL31-SVRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TW0DD
HLMP-EL31-TWRDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL35-TW0DD
HLMP-EL33-SV0DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0DD
HLMP-EL33-TW0DD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-TW0DD
HLMP-EL33-UVSDD	Lamp,5mm,AlInGaP2,Amb,30deg	HLMP-EL37-UVKDD
HLMP-HB57-LP0YY	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0YY
HLMP-HB57-MQ0ZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0ZZ
HLMP-HB61-QU0ZZ	Lamp,5mm,InGaN,Blue,40X100deg	HLMP-HB65-QU0ZZ
HLMP-HM57-SV0YY	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y30YY
HLMP-LB17-LP0ZZ	Lamp,4mm,InGaN,Blue,50X100deg	HLMP-LB65-PT0ZZ
HLMP-SL11-MNKDD	Lamp,4mm,AlInGaP2,Amb,60X120deg	HLMP-SL10-MNKDD
QLMP-EL92-UUKDD	Lamp,5mm,AlInGaP2,Amb,23deg	NONE
QLMP-EL96-TWSZZ	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-EL96-UWSZZ	Lamp,5mm,AlInGaP2,Amb,30deg	NONE
QLMP-HM98-Y1CZZ	Lamp,5mm,InGaN,Grn,40X100deg	HLMP-HM65-Y1CZZ