

Light is OSRAM

30.07.2015

# OS-IN-2015-015

## Increase supply security for CHIPLLED, Multi CHIPLLED and FIREFLY

**Objective**

Increase supply security for CHIPLLED, Multi CHIPLLED and FIREFLY

**Products affected**

LB Q39E; LB Q39G; LB QH9G; LB VH9G; LT Q39E; LT Q39G; LT QH9G; LT VH9G; LW VH8G; LW QH8G; LW Q38E; LW Q38G; LRTB R98G

**Background**

1) Introduction of additional chip to ensure security of supply.  
2) Ordering codes will secure minimum luminous intensity. Customers will benefit from future brightness increase automatically.

**Realization**

1) Actual status

Chip technology: sapphire  
Size: 200µm x 250µm x 90µm

2) Actual ordering codes

Minimum and maximum limit of luminous intensity

Example:  
LW Q38E-Q1S2-3K6L-1

Ordering Information  
Bestellinformation

Type:	Luminous Intensity <small>1) page 21</small>
Typ:	Lichtstärke <small>1) Seite 21</small> I <sub>F</sub> = 5 mA I <sub>V</sub> [mcd]
LW Q38E-Q1S2-3K6L-1	71 ... 280
LW Q38E-Q2R2-3K5L	90 ... 180

1) New status

Chip technology: sapphire  
Size: 200µm x 250µm x 90µm  
Size: 200µm x 150µm x 110µm

2) New ordering codes

Minimum limit of luminous intensity (one bin per reel)

Example:  
LW Q38E-Q100-3K6L-1

Ordering Information  
Bestellinformation

Type:	Luminous Intensity <small>1) page 21</small>
Typ:	Lichtstärke <small>1) Seite 21</small> I <sub>F</sub> = 5 mA I <sub>V</sub> [mcd]
LW Q38E-Q100-3K6L	≥ 71
LW Q38E-Q200-3K5L	≥ 90

Please refer also to the attached list of ordering codes.

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**Time Schedule**

Start of delivery: September 2015

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**Assessment**

The datasheets will be updated respectively by 31.08.2015.  
For details please refer also to the attached list with the new ordering codes (file name: Order\_codes\_OS-IN-2015-015).

Future chip selection is subject to modifications based on similar technologies within the datasheet limits. This will be reflected in the updated disclaimer in the datasheet.

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**Please direct your inquiry to your local Sales office.**

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### Increase supply security for CHIPLED, Multi CHIPLED and FIREFLY

## Ordering code list

List of affected products in OS-IN-2015-015:

Ordering code	Old designation	Old luminous intensity spec	New designation	New luminous intensity spec
Q65110A7212	LB Q39E-L2N2-35-1-5-R18	14 ... 45	LB Q39E-L200-35-1-5-R18	≥ 14
Q65110A7941	LB Q39E-N1P1-35-1-5-R18	28 ... 56	LB Q39E-N100-35-1-5-R18	≥ 28
Q65110A7211	LB Q39G-L2N2-35-1-5-R18	14 ... 45	LB Q39G-L200-35-1-5-R18	≥ 14
Q65110A7940	LB Q39G-N1P1-35-1-5-R18	28 ... 56	LB Q39G-N100-35-1-5-R18	≥ 28
Q65111A3893	LB Q39G-N2P1-34-1-5-R18- XX	35.5 ... 56	LB Q39G-N200-34-1-5-R18- XX	≥ 35,5
Q65110A8032	LB QH9G-N1P2-35-1-5-R18	28 ... 71	LB QH9G-N100-35-1-5-R18	≥ 28
Q65110A8083	LB VH9G-N1P2-35-1-5-R18- Z	28 ... 71	LB VH9G-N100-35-1-5-R18- Z	≥ 28
Q65110A7998	LT Q39E-Q1S2-25-1-5-R18	71 ... 280	LT Q39E-Q100-25-1-5-R18	≥ 71
Q65111A1702	LT Q39E-Q1S2-25-1-5-R18- LM	71 ... 280	LT Q39E-Q100-25-1-5-R18- LM	≥ 71
Q65110A7997	LT Q39G-Q1S2-25-1-5-R18	71 ... 280	LT Q39G-Q100-25-1-5-R18	≥ 71
Q65110A9219	LT QH9G-Q2S2-25-1-5-R18	90 ... 280	LT QH9G-Q200-25-1-5-R18	≥ 90
Q65111A7377	LT QH9G-Q2S2-25-2Z4Y-5- R18	90 ... 280	LT QH9G-Q200-25-2Z4Y-5- R18	≥ 90
Q65110A8030	LT QH9G-Q2S2-35-1-5-R18	90 ... 280	LT QH9G-Q200-35-1-5-R18	≥ 90
Q65110A9228	LT VH9G-Q2S2-25-1-5-R18	90 ... 280	LT VH9G-Q200-25-1-5-R18	≥ 90
Q65110A7210	LW Q38E-Q1S2-3K6L-1-5- R18	71 ... 280	LW Q38E-Q100-3K6L-1-5- R18	≥ 71

Ordering code	Old designation	Old luminous intensity spec	New designation	New luminous intensity spec
Q65111A0116	LW Q38E-Q2R2-3K4L-1-5-R18	90 ... 180	LW Q38E-Q2O0-3K4L-1-5-R18	≥ 90
Q65110A7939	LW Q38E-Q2R2-3K5L-1-5-R18	90 ... 180	LW Q38E-Q2O0-3K5L-1-5-R18	≥ 90
Q65111A6244	LW Q38E-Q2R2-5K5L-1-5-R18-XX	90 ... 180	LW Q38E-Q2O0-5K5L-1-5-R18-XX	≥ 90
Q65111A0203	LW Q38E-Q2S2-4K5L-1-5-R18-Z	90 ... 280	LW Q38E-Q2O0-4K5L-1-5-R18-Z	≥ 90
Q65110A7977	LW Q38E-R1R2-3K5L-3Y4X-5-R18-XX	112 ... 180	LW Q38E-R1O0-3K5L-3Y4X-5-R18-XX	≥ 112
Q65111A6615	LW Q38E-R1R2-4K5L-1-5-R18-Z-XX	112 ... 180	LW Q38E-R1O0-4K5L-1-5-R18-Z-XX	≥ 112
Q65110A7209	LW Q38G-Q1S1-3K6L-1-5-R18	71 ... 224	LW Q38G-Q1O0-3K6L-1-5-R18	≥ 71
Q65111A6418	LW Q38G-Q2R2-34L-1-5-R18-XX	90 ... 180	LW Q38G-Q2O0-34L-1-5-R18-XX	≥ 90
Q65111A6114	LW Q38G-Q2R2-3K4L-1-5-R18-Z	90 ... 180	LW Q38G-Q2O0-3K4L-1-5-R18	≥ 90
Q65110A7584	LW Q38G-Q2R2-3K5L-1-5-R18	90 ... 180	LW Q38G-Q2O0-3K5L-1-5-R18	≥ 90
Q65111A7884	LW Q38G-Q2R2-4K5L-1-5-R18-XX	90 ... 180	LW Q38G-Q2O0-4K5L-1-5-R18-XX	≥ 90
Q65111A6974	LW Q38G-R2S2-3K5K-1-5-R18-Z	140 ... 280	LW Q38G-R2O0-3K5K-1-5-R18-Z	≥ 140
Q65111A7214	LW Q38G-R2S2-4K6L-3X4Y-5-R18-XX	140 ... 280	LW Q38G-R2O0-4K6L-3X4Y-5-R18-XX	≥ 140
Q65110A8029	LW QH8G-Q2S2-3K5L-1-5-R18	90 ... 280	LW QH8G-Q2O0-3K5L-1-5-R18	≥ 90
Q65111A0391	LW QH8G-Q2S2-4K5L-1-5-R18	90 ... 280	LW QH8G-Q2O0-4K5L-1-5-R18	≥ 90
Q65111A5172	LW QH8G-R1R2-3K5L-1-5-R18	112 ... 180	LW QH8G-R1O0-3K5L-1-5-R18-XX	≥ 112
Q65111A2781	LW QH8G-R1S1-3K5L-1-5-R18	112 ... 224	LW QH8G-R1O0-3K5L-1-5-R18	≥ 112
Q65110A8090	LW VH8G-Q2S2-4M6N-1-5-R18-Z	90 ... 280	LW VH8G-Q2O0-4M6N-1-5-R18-Z	≥ 90

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