

Infonote

AO-IN-2022-041-I

OSIRE E3635 – LRTB GVSR
Introduction of new $\frac{1}{4}$ narrow
brightness binning

01.01.2023

Dear Customer,

please take note of this **Infonote**.

This customer notification is for information only and does not require customer approval.

Objective: OSIRE E3635 – LRTB GVSR Introduction of new ¼ narrow brightness binning

Affected products: LRTB GVSR

Reason for change: Introduction of new ¼ narrow brightness binning to support customer design in activities. Current Binning will be available until end of project lifetime.

Current status

Brightness Group – current ¼ floating brightness Binning

Description of change:

Brightness Groups

Color of emission	Group	Luminous Intensity ¹⁾ I _F = 20 mA min. I _v	Luminous Intensity ¹⁾ I _F = 20 mA max. I _v
• red	U4	500 mcd	630 mcd
• red	U2	560 mcd	710 mcd
• red	U6	630 mcd	800 mcd
• red	V1	710 mcd	900 mcd
• red	V4	800 mcd	1000 mcd
• red	V2	900 mcd	1120 mcd
• true green	A6	1590 mcd	2010 mcd
• true green	BA	1800 mcd	2240 mcd
• true green	B4	2010 mcd	2500 mcd
• true green	BB	2240 mcd	2800 mcd
• blue	S2	224 mcd	280 mcd
• blue	S6	250 mcd	320 mcd
• blue	T1	280 mcd	355 mcd
• blue	T4	315 mcd	400 mcd
• blue	T2	355 mcd	450 mcd
• blue	T6	400 mcd	500 mcd
• blue	U1	450 mcd	560 mcd
• blue	U4	500 mcd	630 mcd
• blue	U2	560 mcd	710 mcd

New status

Brightness Group – Introduction of new ¼ narrow brightness binning

Brightness Groups

Color of emission	Group	Luminous Intensity ¹⁾ $I_p = 20 \text{ mA}$ min. I_v	Luminous Intensity ¹⁾ $I_p = 20 \text{ mA}$ max. I_v
• red	4U	630 mcd	710 mcd
• red	1V	710 mcd	800 mcd
• red	2V	800 mcd	900 mcd
• red	3V	900 mcd	1000 mcd
• red	4V	1000 mcd	1120 mcd
• true green	8A	1590 mcd	1800 mcd
• true green	5B	1800 mcd	2010 mcd
• true green	6B	2010 mcd	2240 mcd
• true green	7B	2240 mcd	2500 mcd
• true green	8B	2500 mcd	2800 mcd
• blue	3S	224 mcd	250 mcd
• blue	4S	250 mcd	280 mcd
• blue	1T	280 mcd	315 mcd
• blue	2T	315 mcd	355 mcd
• blue	3T	355 mcd	400 mcd
• blue	4T	400 mcd	450 mcd
• blue	1U	450 mcd	500 mcd
• blue	2U	500 mcd	560 mcd
• blue	3U	560 mcd	630 mcd
• blue	4U	630 mcd	710 mcd

Time schedule: Datasheet Version 1.3 | 2022-12-08 available

Assessment: No changes in the fit, form, function and reliability of the devices.
No changes in previous Q-code.

Material (Q-no.)	Q Description	Device Family	Brand
Q65113A5098	LRTBGVSR-2V4V-JT+6B8B-FR+3T1U-FP-20-GA	LRTBGVSR	OSIRE
Q65113A3791	LRTBGVSR-2V5A-JT+5B8B-FR+2T1U-FP-20-S-GA	LRTBGVSR	OSIRE
Q65113A3998	LRTBGVSR-4U4V-JW+8A8B-D8-3S4U-7Z	LRTBGVSR	OSIRE
Q65113A2469	LRTBGVSR-U2V1-MW+A6BA-FR+S2U2-7Z-S-HAN	LRTBGVSR	OSIRE
Q65113A4524	LRTBGVSR-U2V4-JT+A6BA-DW+S2T4-3P-20-S	LRTBGVSR	OSIRE
Q65112A8552	LRTBGVSR-U4V2-JW+A6BB-D8+S2U2-7Z-20-S	LRTBGVSR	OSIRE
Q65113A3492	LRTBGVSR-U4V2-JW+A6BB-D8+S2U2-7Z-S-BAY	LRTBGVSR	OSIRE
Q65113A3527	LRTBGVSR-U6V2-JW+BABB-JU+T1T6-DK-20-S-XX	LRTBGVSR	OSIRE
Q65113A1016	LRTBGVSR-U6V4-JT+A6B4-JU+T2U4-KV-20-L-XX	LRTBGVSR	OSIRE
Q65113A3049	LRTBGVSR-U6V4-JW+A6B4-DP+T2U1-DM-20-S-XX	LRTBGVSR	OSIRE
Q65113A4486	LRTBGVSR-U6V4-JW+A6B4-DP+T2U1-DM-S-BAY	LRTBGVSR	OSIRE
Q65113A2805	LRTBGVSR-U6V4-JW+A6B4-FR+T2U1-KV-S-BYD	LRTBGVSR	OSIRE
Q65113A2592	LRTBGVSR-U6V4-JW+A6B4-P8+S2T2-7M-20-S	LRTBGVSR	OSIRE
Q65113A4276	LRTBGVSR-U6V4-JW+A6BA-FP+T2U1-KS-APS	LRTBGVSR	OSIRE
Q65113A1933	LRTBGVSR-U6V4-JW+BAB4-P3+S6T6-3H-S-XX	LRTBGVSR	OSIRE
Q65113A0006	LRTBGVSR-U6V4-JW+BAB4-P3+T4T6-DM-AL	LRTBGVSR	OSIRE
Q65112A9395	LRTBGVSR-U6V4-JW-A6B4-R8-T2U1-HS-20-L-XX	LRTBGVSR	OSIRE
Q65113A2176	LRTBGVSR-U6V4-MT+BAB4-FP+T6U4-MV-S-XX	LRTBGVSR	OSIRE
Q65113A1492	LRTBGVSR-U6V4-MT-BAB4-FP-T6U4-MV-20-S-XX	LRTBGVSR	OSIRE
Q65113A2497	LRTBGVSR-U6V4-MW+A6B4-DP+U4U2-MZ-S-XX	LRTBGVSR	OSIRE
Q65113A2292	LRTBGVSR-U6V4-MW+A6B4-LW+T4T6-FM-S-XX	LRTBGVSR	OSIRE
Q65113A4839	LRTBGVSR-U6V4-MW+A6B4-LW+T4T6-HS-S-XX	LRTBGVSR	OSIRE
Q65113A2496	LRTBGVSR-U6V4-MW+BAB4-JU+T1U1-DM-S-XX	LRTBGVSR	OSIRE
Q65113A2468	LRTBGVSR-U6V4-MW-A6B4-FP-T6U4-MV-S-APS	LRTBGVSR	OSIRE
Q65113A0165	LRTBGVSR-U6V4-MW-BAB4-DR-U1U4-MV-20-L-MM	LRTBGVSR	OSIRE
Q65113A4774	LRTBGVSR-V1V2-JT+A6B4-FR+T2U1-KV-20-S-SV	LRTBGVSR	OSIRE
Q65113A4850	LRTBGVSR-V1V2-JT+A6B4-FR+T2U2-KV-20-S-XX	LRTBGVSR	OSIRE
Q65113A5097	LRTBGVSR-V1V2-JT+A6BA-FR+T6U1-HV-S-NSI	LRTBGVSR	OSIRE
Q65113A4667	LRTBGVSR-V1V2-JT+BAB4-FR+T2U4-AK-20-BC	LRTBGVSR	OSIRE
Q65113A5082	LRTBGVSR-V1V2-JT+BABB-JW+S6T6-AK-S-XX	LRTBGVSR	OSIRE
Q65113A4494	LRTBGVSR-V1V2-JT+BABB-LW+U1U2-MZ-S-XX	LRTBGVSR	OSIRE
Q65113A2765	LRTBGVSR-V1V2-JT-BAB4-JR-T4U1-DK-S-XX	LRTBGVSR	OSIRE
Q65113A3221	LRTBGVSR-V1V2-JW+A6B4-LW+T2U1-KV-20-S-XX	LRTBGVSR	OSIRE
Q65113A4138	LRTBGVSR-V1V2-JW+BAB4-FR+T4T6-AK-S-XX	LRTBGVSR	OSIRE
Q65113A4666	LRTBGVSR-V1V2-JW+BAB4-P3-T1T6-3H-20-S-XX	LRTBGVSR	OSIRE
Q65113A4528	LRTBGVSR-V1V2-JW+BABB-DP+T1U1-DM-S-XX	LRTBGVSR	OSIRE
Q65113A3220	LRTBGVSR-V1V2-JW+BABB-DR+T4U1-HS-20-S-XX	LRTBGVSR	OSIRE
Q65113A3444	LRTBGVSR-V1V2-JW+BABB-LW+T2U1-HS-S-HAN	LRTBGVSR	OSIRE
Q65113A3692	LRTBGVSR-V1V2-JW-BABB-FU-T6U4-KZ-S-APS	LRTBGVSR	OSIRE
Q65113A0390	LRTBGVSR-V1V2-JW-BABB-R3-S6T2-7F-20-S-XX	LRTBGVSR	OSIRE
Q65113A4427	LRTBGVSR-V1V2-MW+A6B4-DL+T2U2-KS-20-S-XX	LRTBGVSR	OSIRE
Q65113A3994	LRTBGVSR-V1V2-MW+A6B4-JU+T2T6-AK-20-S-VL	LRTBGVSR	OSIRE
Q65113A3959	LRTBGVSR-V1V2-MW+A6BA-FR+S2S6-7C-S-XX	LRTBGVSR	OSIRE
Q65113A4009	LRTBGVSR-V1V2-MW+BAB4-FR+T2U1-FP-R33-GA	LRTBGVSR	OSIRE
Q65113A4589	LRTBGVSR-V1V2-MW+BAB4-JR+T1U1-3F-20-S-XX	LRTBGVSR	OSIRE

Q65113A2804	LRTBGVSR-V1V2-MW+BABB-DR+S2T1-7C-20-S-XX	LRTBGVSR	OSIRE
Q65113A3048	LRTBGVSR-V1V2-MW+BABB-DR-S2T1-7C-S-XX	LRTBGVSR	OSIRE
Q65113A4771	LRTBGVSR-V1V2-MW+BABB-JR+T2U1-FP-S-XX	LRTBGVSR	OSIRE
Q65113A2085	LRTBGVSR-V1V4-JT+A6BA-FR-T1T2-FP-20-L-XX	LRTBGVSR	OSIRE
Q65113A2175	LRTBGVSR-V1V4-JT+BAB4-FR+T2U1-FP-20-S-XX	LRTBGVSR	OSIRE
Q65113A3419	LRTBGVSR-V1V4-JT+BAB4-JU+T6U4-KV-S-XX	LRTBGVSR	OSIRE
Q65113A3373	LRTBGVSR-V1V4-JT+BAB4-LU+U1U4-MV-20-S-XX	LRTBGVSR	OSIRE
Q65113A4493	LRTBGVSR-V1V4-JT+BABB-JU+S6T1-5F-20-S-XX	LRTBGVSR	OSIRE
Q65113A0183	LRTBGVSR-V1V4-JT-BAB4-FR-T2U1-FP-20-L-XX	LRTBGVSR	OSIRE
Q65113A0389	LRTBGVSR-V1V4-JW+A6B4-FR+T4T6-FP-XX	LRTBGVSR	OSIRE
Q65113A1476	LRTBGVSR-V1V4-JW+A6BA-FP+T2U1-KV-20-L-XX	LRTBGVSR	OSIRE
Q65113A0405	LRTBGVSR-V1V4-JW+BAB4-FP+S2T1-3CAF-20-XX	LRTBGVSR	OSIRE
Q65113A1711	LRTBGVSR-V1V4-JW-A6B4-DL-S6T1-3CAF-S-VL	LRTBGVSR	OSIRE
Q65113A4428	LRTBGVSR-V1V4-MW+BAB4-JR+T2T6-DP-20-S-XX	LRTBGVSR	OSIRE
Q65113A4977	LRTBGVSR-V1V4-MW+BAB4-JU+T2U1-KS-R18-XX	LRTBGVSR	OSIRE
Q65113A2806	LRTBGVSR-V1V4-MW-BAB4-LW-T4T2-FM-20-S-HE	LRTBGVSR	OSIRE
Q65113A4860	LRTBGVSR-V4V2-JW+BAB4-FP+T6U1-KV-L-XX	LRTBGVSR	OSIRE
Q65113A1780	LRTBGVSR-V4V2-JW+BABB-D8+T2U4-FZ-S-XX	LRTBGVSR	OSIRE
Q65113A3372	LRTBGVSR-U6V4-JT+A6B4-JU+T4U1-DM-S-XX	LRTBGVSR	OSIRE
Q65113A3514	LRTBGVSR-V1V4-JT+A6B4-FR+T2U1-MZ-20-S-XX	LRTBGVSR	OSIRE