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Opto Semiconductors

01.12.2017

OS-IN-2017-046
General Datasheet Update for KRTB HFLx71.32

Objective	Update and correction of datasheet content for current PRES material
Products affected	KRTB HFLP71.32 KRTB HFLQ71.32
Background	During upgrade of material status from ENG to PRES the datasheet was not updated to the actual values. Packing unit was by mistake set to 8000 pieces instead of 6000 pieces.
Realization	Kindly refer to attached Customer Information sheet. **No change in physical or electro optical properties of the product.** **No change of the product** **Datasheet ranges are only matched to the actual electro-optical distribution which was evaluated during product ramp.** **Packing unit is changed to 6000 pieces per reel.**
Time Schedule	Datasheets will be updated immediately. Packing unit will be corrected upfront any shipments.
Documentation	OS-IN-2017-046_Information package

Please direct your inquiry to your local Sales office.

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OS-IN-2017-046

General Datasheet Update for KRTB HFLx71.32

OS QM | 01.12.2017

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General Datasheet Update for KRTB HFLQ71.32

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Current status

Bezeichnung / Parameter		Symbol / Symbol	Werte / Values			Einheit / Unit
			red	true green	blue	
Wellenlänge des emittierten Lichtes Wavelength at peak emission $I_F = 20$ mA	(typ.)	λ_{peak}	636	522	466	nm
Dominantwellenlänge[3] Seite 28 Dominant wavelength[3] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	λ_{dom}	616 622* 626	519 528* 546	462 470* 477	nm nm nm

New status

Bezeichnung / Parameter		Symbol / Symbol	Werte / Values			Einheit / Unit
			red	true green	blue	
Wellenlänge des emittierten Lichtes Wavelength at peak emission $I_F = 20$ mA	(typ.)	λ_{peak}	630	527	466	nm
Dominantwellenlänge[3] Seite 28 Dominant wavelength[3] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	λ_{dom}	616 621* 626	519 533* 546	462 470* 477	nm nm nm

- **Wavelength range remains unchanged**

Durchlassspannung[4] Seite 28 Forward voltage[4] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	V_F V_F V_F	1.8 2.0 2.4	2.9 3.1 3.7	2.7 2.9 3.4	V V V

Durchlassspannung[4] Seite 28 Forward voltage[4] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	V_F V_F V_F	1.8 2.0 2.4	2.85 3.1 3.5	2.7 2.9 3.4	V V V

- **Max Vf for green die reduced**
- **Typical Vf values remain unchanged**

Gurtung / Polarität und Lage[7] Seite 28 **Method of Taping / Polarity and Orientation**[7] page 28	Verpackungseinheit 8000Stk/Rolle, ø330mm Packing unit 8000pcs/reel, ø330 mm

Gurtung / Polarität und Lage[7] Seite 28 **Method of Taping / Polarity and Orientation**[7] page 28	Verpackungseinheit 6000Stk/Rolle, ø330mm Packing unit 6000pcs/reel, ø330 mm

General Datasheet Update for KRTB HFLP71.32

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Current status

Bezeichnung / Parameter		Symbol / Symbol	Werte / Values red	Werte / Values true green	Werte / Values blue	Einheit / Unit
Wellenlänge des emittierten Lichtes Wavelength at peak emission $I_F = 20$ mA	(typ.)	λ_{peak}	629	525	465	nm
Dominantwellenlänge[3] Seite 28 Dominant wavelength[3] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	λ_{dom}	616 621* 626	519 533* 546	462 469* 477	nm nm nm

New status

Bezeichnung / Parameter		Symbol / Symbol	Werte / Values red	Werte / Values true green	Werte / Values blue	Einheit / Unit
Wellenlänge des emittierten Lichtes Wavelength at peak emission $I_F = 20$ mA	(typ.)	λ_{peak}	630	527	466	nm
Dominantwellenlänge[3] Seite 28 Dominant wavelength[3] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	λ_{dom}	616 621* 626	519 533* 546	462 470* 477	nm nm nm

- **Wavelength range remains unchanged**

Durchlassspannung[4] Seite 28 Forward voltage[4] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	V_F V_F V_F	1.7 2.0 2.7	2.7 3.2 3.7	2.4 2.9 3.7	V V V

Durchlassspannung[4] Seite 28 Forward voltage[4] page 28 $I_F = 20$ mA	(min.) (typ.) (max.)	V_F V_F V_F	1.8 2.0 2.4	2.85 3.2 3.6	2.7 2.9 3.4	V V V

- **Vf range tightened**
- **Max specified Vf reduced for all colors**
- **Typical Vf values remain unchanged**

Gurtung / Polarität und Lage[7] Seite 28 **Method of Taping / Polarity and Orientation**[7] page 28	Verpackungseinheit 8000Stk/Rolle, ø330mm Packing unit 8000pcs/reel, ø330 mm

Gurtung / Polarität und Lage[7] Seite 28 **Method of Taping / Polarity and Orientation**[7] page 28	Verpackungseinheit 6000Stk/Rolle, ø330mm Packing unit 6000pcs/reel, ø330 mm

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Thank you.