

01.08.2019

OS-IN-2019-024

Harmonization of datasheets for all IR Emitter-, LASER- and Sensor-products

Objective	Harmonization of binning boundary calculation in accordance to all other OS products.
Products affected	<ul style="list-style-type: none"> - BP xxxx - BPW xxxx - BPX xxxx - BPY xxxx - IRL xxxx - KOM xxxx - LPT xxxx - PL xxxx - PLPxxx xxxx - PLTx xxxx - SFH xxxx - SPL xxxx
Background	<p>In order to standardize the binning definition within all OS datasheets, the binning parameters will be adapted according to the general OS calculation method.</p> <p>There will be no change for the actual specification of the products.</p>
Realization	<p>The binning parameters will be defined according to the following rules:</p> <ul style="list-style-type: none"> - Brightness: Brightness values are measured at a current pulse of typically 20 ms and a tolerance of $\pm 11\%$ - Wavelength: The wavelengths are measured at a current pulse of typically 20 ms and a tolerance of ± 1 nm. - Forward Voltage: The forward voltages are measured at a current pulse of typically 20 ms and a tolerance of ± 0.1 V. - Photocurrent: The photocurrent values are measured (by irradiating the devices with a homogenous light source and applying a voltage to the device) at a pulse of typically 20 ms and a tolerance of $\pm 11\%$.
Time Schedule	Changes will be applied for new datasheets created after 01.11.2019
Assessment	No change in fit, form, function and reliability of affected products

Please direct your inquiry to your local Sales office.