

Light is OSRAM

02.01.2019

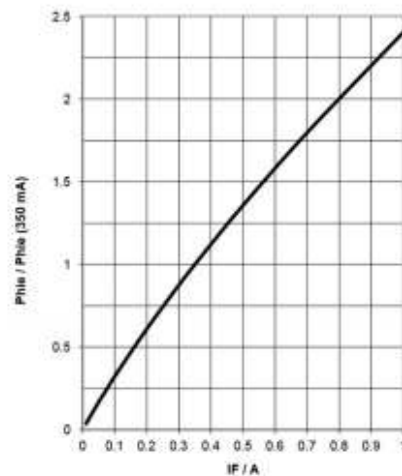
OS-IN-2019-001

Wavelength adjustment of radiant flux diagram for OSRAM OS broadband emitter

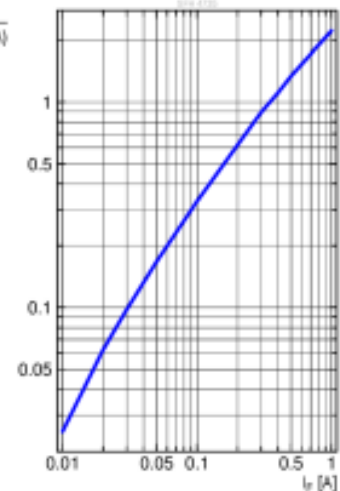
Objective	Adjusting relative total radiant flux diagram $\Phi_e(I_f)$ to the application relevant wavelength range.
Products affected	SFH 4735 SFH 4776

Realization

Current status

 $\Phi_e / \Phi_e(350\text{mA}) = f(I_f)$; single pulse; $t_p = 100 \mu\text{s}$
 $\Phi_e(I_f)$ including 350nm-1050nm

New status

 $\frac{\Phi_e}{\Phi_e(350\text{ mA})}$
 $\Phi_e(I_f)$ including 600nm to 1050nm

Time Schedule

Datasheet drawing will be updated within January 2019.

Assessment

Fit, form, function and reliability of the device is not affected.

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Products Affected by Information Notification

Number: OS-IN-2019-001

Name: Wavelength adjustment of radiant flux diagram for OSRAM OS broadband emitter

Release Date: 1/2/2019

Implementation Date: 1/31/2019

<i>Product</i>	<i>QNumber</i>	<i>QNumber Description</i>	<i>Part Number</i>
SFH 4735	Q65111A9885	SFH 4735	SFH 4735