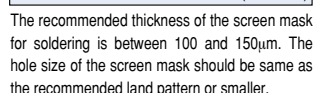


SML-310 Series

note) "-" will be taken out for emitting color B/E series

*:Duty $\leq 1/5$, pulse width ≤ 1 ms.

■ Recommended Pad Layout



Tolerance: ± 0.2

Tolerance: ± 0.1

The figure consists of two parts, (a) and (b), each showing a cross-section of a rectangular luminaire and a corresponding photometric diagram.

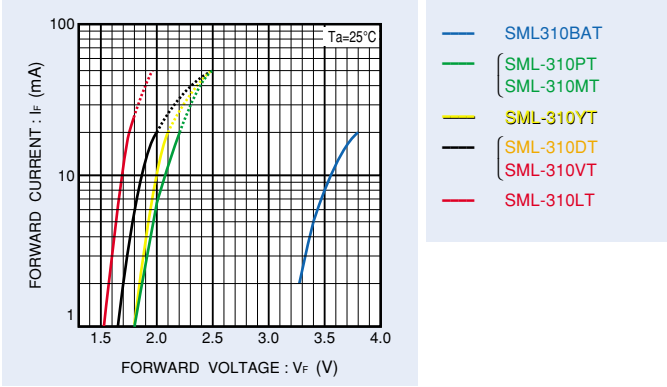
(a) Symmetrical beam spread: The cross-section shows a rectangular luminaire with a central light source. The photometric diagram is a semi-circle with the horizontal axis labeled "RELATIVE LUMINOUS INTENSITY (%)" with values 100, 50, 0, 50, 100. The vertical axis is labeled "Angular Displacement (deg)" with values 0°, 30°, 60°, and 90°. A curve represents the beam spread, starting at 100% intensity at 0° and reaching 0% at 90°. The beam angle is marked as 30°.

(b) Asymmetrical beam spread: The cross-section shows a rectangular luminaire with a central light source. The photometric diagram is a semi-circle with the horizontal axis labeled "RELATIVE LUMINOUS INTENSITY (%)" with values 100, 50, 0, 50, 100. The vertical axis is labeled "Angular Displacement (deg)" with values 0°, 30°, 60°, and 90°. A curve represents the beam spread, starting at 100% intensity at 0° and reaching 0% at 90°. The beam angle is marked as 30°.

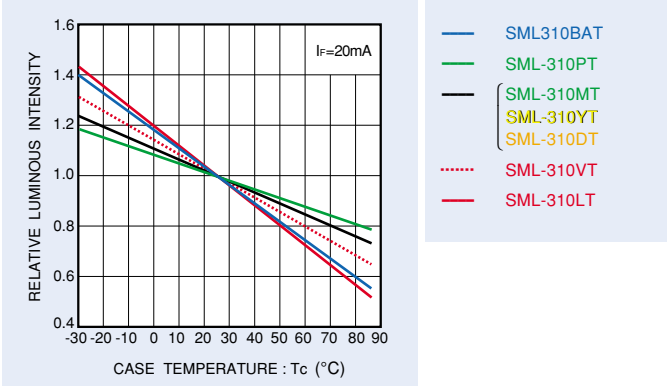
Tolerance: ± 0.2

■ Electrical Characteristic Curves

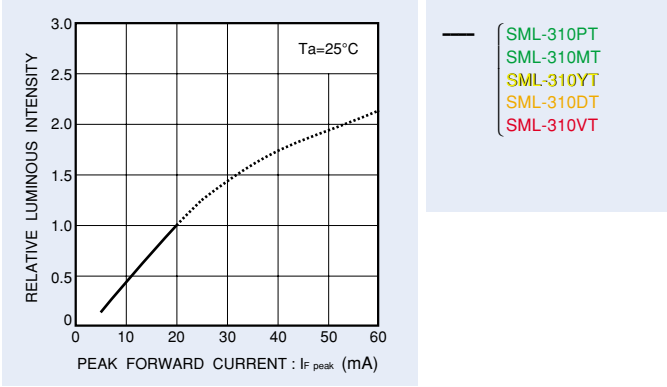
Forward Current - Forward Voltage



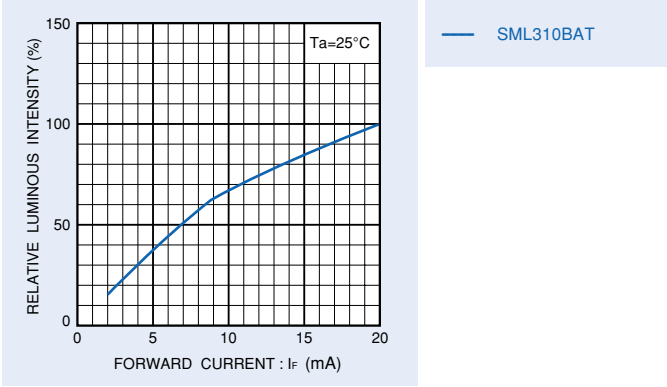
Relative Luminous Intensity - Case Temperature



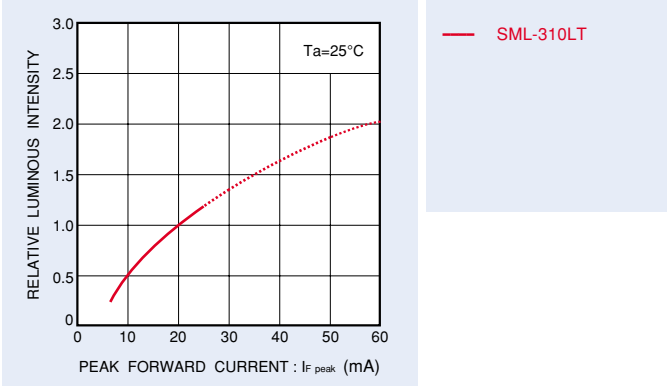
Relative Luminous Intensity - Forward Current



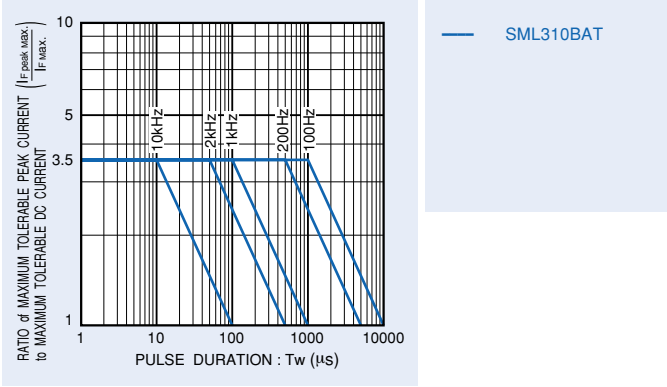
Relative Luminous Intensity - Forward Current



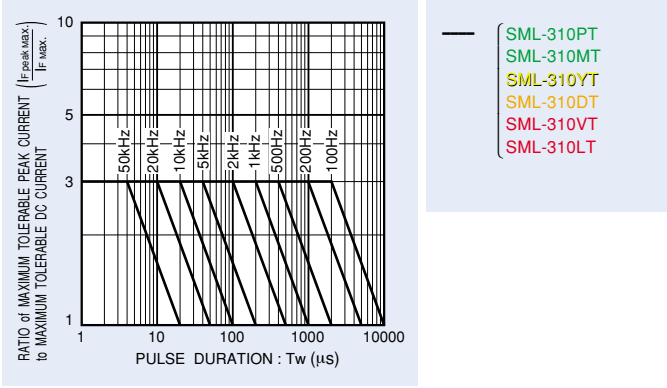
Relative Luminous Intensity - Forward Current



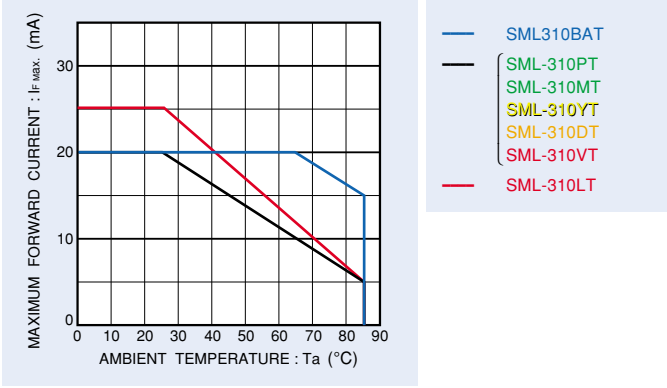
Ratio of Maximum Tolerable Peak Current - Pulse Duration



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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