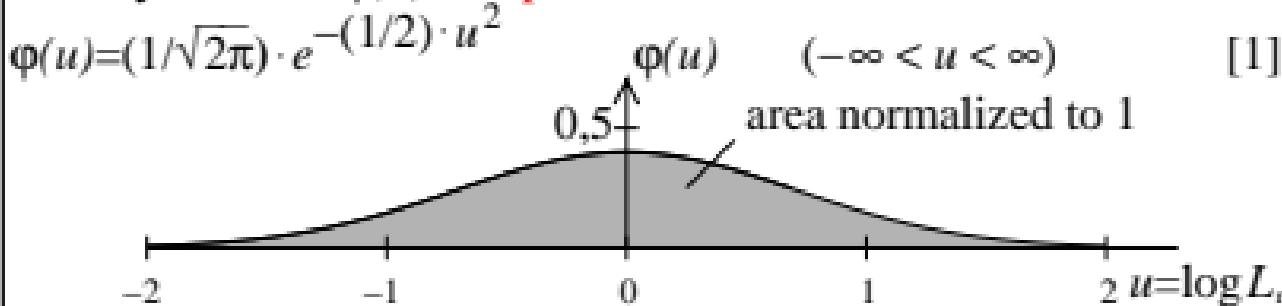


Two standard normal functions according to Gauß

Density function $\phi(u)$ compare with CIE luminance contrast $L/\Delta L$



Distribution function $\phi(u)$ corresponds to the CIE lightness L^*

$$\phi(u) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^u e^{-(1/2) \cdot t^2} dt = 0.5 \phi(u) \quad [2]$$

