see similar files: http://farbe.li.tu-berlin.de/AET7/AET7.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20201101-AET7/AET7L0NA.TXT /.PS
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

Density and distribution function for luminance and lightness
Density function $\varphi(u)$
$\varphi(u)=(1/2)\cdot 1$ $\varphi(u)$ [1]
area normalized to 1
Distribution function $\phi(u)$
$\phi(u)=(1/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-1A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$
$\varphi(u)=(1/2)\cdot 1$ $\varphi(u)$ [1]
$\phi(u_x)=\int_{-1}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$
$\phi(u)=(1/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-2A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$
$\varphi(u)=(2/2)\cdot 1$ $\varphi(u)$ [1]
area normalized to 2
Distribution function $\phi(u)$
$\phi(u)=(2/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-3A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$
$\varphi(u)=(2/2)\cdot 1$ $\varphi(u)$ [1]
$\phi(u_x)=\int_{-1}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$
$\phi(u)=(2/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-4A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(1/2)\cdot 1$ $\varphi(u)$ [1]
area normalized to 1
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(1/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-5A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(1/2)\cdot 1$ $\varphi(u)$ [1]
$\phi(u_x)=\int_{-1}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(1/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-6A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(2/2)\cdot 1$ $\varphi(u)$ [1]
area normalized to 2
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(2/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-7A

Density and distribution function for luminance and lightness
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(2/2)\cdot 1$ $\varphi(u)$ [1]
$\phi(u_x)=\int_{-1}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(2/2)\cdot(1+u)$ $\phi(u)$ [2]
AET70-8A

AET70-7N

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$
$\varphi(u)=(1/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
area normalized to 1
Distribution function $\phi(u)$
$\phi(u)=(1/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 0{,}5$ $\phi(u)$ [2]
AET71-1A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$
$\varphi(u)=(1/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
$\phi(u_x)=\int_{-\infty}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$
$\phi(u)=(1/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 0{,}5$ $\phi(u)$ [2]
AET71-2A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$
$\varphi(u)=(2/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
area normalized to 2
Distribution function $\phi(u)$
$\phi(u)=(2/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 1{,}0$ $\phi(u)$ [2]
AET71-3A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$
$\varphi(u)=(2/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
$\phi(u_x)=\int_{-\infty}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$
$\phi(u)=(2/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 1{,}0$ $\phi(u)$ [2]
AET71-4A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(1/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
area normalized to 1
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(1/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 0{,}5$ $\phi(u)$ [2]
AET71-5A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(1/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
$\phi(u_x)=\int_{-\infty}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(1/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 0{,}5$ $\phi(u)$ [2]
AET71-6A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(2/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
area normalized to 2
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(2/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 1{,}0$ $\phi(u)$ [2]
AET71-7A

Two standard normal functions according to *Gauß*
Density function $\varphi(u)$ compare with CIE luminance contrast $L/\Delta L$
$\varphi(u)=(2/\sqrt{2\pi})\cdot e^{-(1/2)\cdot u^2}$ $\varphi(u)$ $(-\infty<u<\infty)$ [1]
$\phi(u_x)=\int_{-\infty}^{u_x}\varphi(u)\,du$ [3]
Distribution function $\phi(u)$ corresponds to the CIE lightness L^*
$\phi(u)=(2/\sqrt{2\pi})\int_{-\infty}^{u} e^{-(1/2)\cdot t^2}dt - 1{,}0$ $\phi(u)$ [2]
AET71-8A

AET71-7N