

Equal 9 step grey scaling between $L^*_{0aN}=-27.3$ and $L^*_{0aW}=27.3$, $Y_{0ref}=54.0$, normalisation grey U

$L^*_{0aN}=-27.2$, $L^*_{0aU}=0.0$, $L^*_{0aW}=27.3$, $Y_{0aN}=6.0$, $Y_{0aU}=18.0$, $Y_{0aW}=54.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=9.0$

$L^*_{taN}=-4.4$, $L^*_{taU}=0.0$, $L^*_{taW}=10.1$, $Y_{taN}=15.0$, $Y_{taU}=18.0$, $Y_{taW}=27.0$, $C_{taY}=Y_{taW}:Y_{taN}=1.8$

Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps

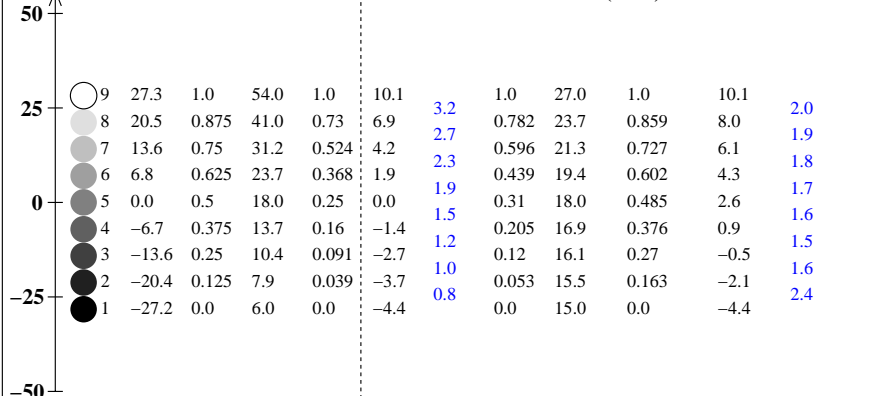
$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJND1} = 40 / \log(5) [\log (Y/Y_u)]$ with $Y_u=18$

$g^*_5=99$, $g^*_9=99$

$g^*_5=29$, $g^*_9=24$

$g^*_5=78$, $g^*_9=64$

$L^*_{TUBJND1}$ intended output real output linearized output



$\Delta L^*_{0a}=6.8$

($i=1,2,\dots,8$)

normalisation: $Y_{taiU}=Y_{0aU} \frac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$