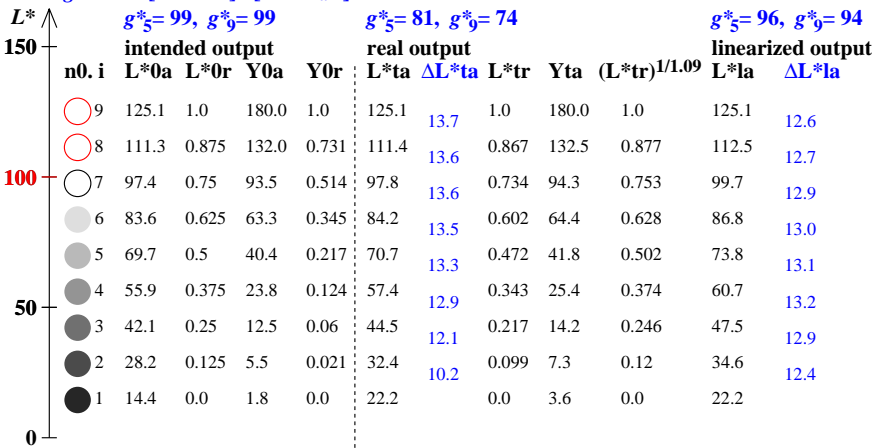


**Equal 9 step grey scaling between  $L^*_{0aN}=14.4$  and  $L^*_{0aW}=125$ ,  $Y_{0ref}=1.8$ , normalisation: white W**

$L^*_{0aN}=14.4$ ,  $L^*_{0aU}=69.7$ ,  $L^*_{0aW}=125.1$ ,  $Y_{0aN}=1.8$ ,  $Y_{0aU}=40.4$ ,  $Y_{0aW}=180.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=100.0$   
 $L^*_{tN}=22.2$ ,  $L^*_{taU}=70.7$ ,  $L^*_{taW}=125.1$ ,  $Y_{taN}=3.6$ ,  $Y_{taU}=41.8$ ,  $Y_{taW}=180.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=50.5$

**regularity index according to ISO/IEC 15775:2022, Annex G for 5 and 9 steps**

$$g^* = 100 [\Delta L^*_{\min}] / [\Delta L^*_{\max}]$$



$$\Delta L^*_{ta}=13.8 \quad (i=1,2,\dots,9)$$

$$\text{normalisation: } Y_{taiW}=Y_{0aW} \frac{Y_{0ai}+Y_{0ref}}{Y_{0aW}+Y_{0ref}}$$