

Some parameters which are shown for the option *open profile*

If the produced profile *LCD_D65_2020* is opened, then many data and Gamma curves are shown.

Only a few colorimetric data are listed in the following.

Colorant and tristimulus values		X_{D50}	Y_{D50}	Z_{D50}
Red Phosphor	r_{XYZ}	0,515	0,242	-0,001
Green Phosphor	g_{XYZ}	0,294	0,699	0,042
Blue Phosphor	b_{XYZ}	0,155	0,059	0,784
Media white point	wpt	0,950	1,000	1,089

Matrix for chroma adaptation, name: *chad*

$$\begin{bmatrix} X_{pcs} \\ Y_{pcs} \\ Z_{pcs} \end{bmatrix} = \begin{bmatrix} 1,047867 & 0,022903 & -0,050717 \\ 0,029572 & 0,990479 & -0,017089 \\ -0,009232 & 0,015060 & 0,751831 \end{bmatrix} \begin{bmatrix} X_{src} \\ Y_{src} \\ Z_{src} \end{bmatrix}$$

Gamma curve, parameter type 3:

$$f(x) = \begin{cases} (ax + b)^\gamma, & x \geq d \\ cx, & x < d \end{cases} \quad \begin{array}{l} \gamma = 2,4, 1024 \text{ points} \\ a = 0,948, \quad b = 0,052, \quad c = 0,077, \quad d = 0,040 \end{array}$$