

**XYZ<sub>w</sub>=100.93 , 100.0 , 64.68**

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 B_c (b_2 - b_{2,0}) Y$$

$$a_2 = a_{20} [ (x - x_c) / y ]$$

$$b_2 = b_{20} [x/y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 1,300$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

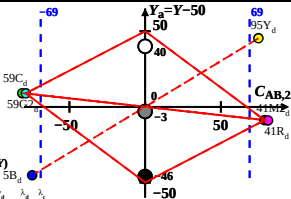
### 6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$  im

**linearen Farbenraum ( $C_{AB,2}$ , Y)**

**Lichtart P40,  $Y_w=100$ ,  $Y_n=0$** 

| Name            | Bereich | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-----------------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| R <sub>d</sub>  | 573_775 | 70.25  | 41.25 | 0.17  | 0.629  | 0.3694 | 600         | 493         |
| V <sub>d</sub>  | 498_775 | 90.6   | 95.35 | 4.18  | 0.4765 | 0.5014 | 576         | 468         |
| G2 <sub>d</sub> | 461_575 | 22.98  | 59.08 | 14.2  | 0.2387 | 0.6137 | 524         | 524c        |
| C <sub>d</sub>  | 380_573 | 30.88  | 58.94 | 64.64 | 0.1999 | 0.3815 | 493         | 600         |
| B <sub>d</sub>  | 380_498 | 10.52  | 4.84  | 60.63 | 0.1384 | 0.0637 | 468         | 576         |
| M2 <sub>d</sub> | 575_461 | 78.15  | 41.11 | 50.61 | 0.46   | 0.242  | 524c        | 524         |
| W <sub>d</sub>  | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100%        |             |
| N <sub>d</sub>  | 380_775 | 0.1    | 0.1   | 0.06  | 0.3798 | 0.3763 | 0%          |             |
| Z <sub>d</sub>  | 380_775 | 18.16  | 18.0  | 11.64 | 0.3799 | 0.3764 | 18%         |             |



**Parameter:**

Y &amp; Name

## Lichtart P40

$$Y_W=100, Y_N=0$$

BGR71-3A