Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGM8/CGM8.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

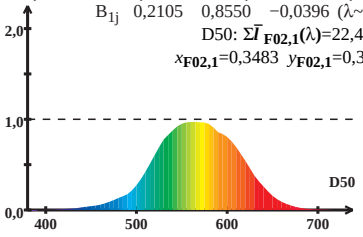
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

$\bar{l}_{F02,1}(\lambda)=B_{11}\bar{x}_{F02,1}(\lambda)+B_{12}\bar{y}_{F02,1}(\lambda)+B_{13}\bar{z}_{F02,1}(\lambda)$

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

D50: $\Sigma\bar{l}_{F02,1}(\lambda)=22,47$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM80−1A_D50

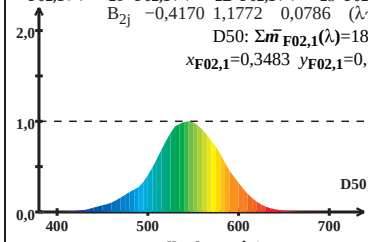
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

$\bar{m}_{F02,1}(\lambda)=B_{21}\bar{x}_{F02,1}(\lambda)+B_{22}\bar{y}_{F02,1}(\lambda)+B_{23}\bar{z}_{F02,1}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

D50: $\Sigma\bar{m}_{F02,1}(\lambda)=18,34$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM80−2A_D50

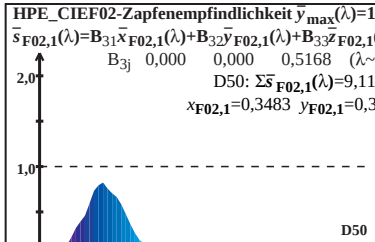
HPE_CIEF02-Zapfenempfindlichkeit $\bar{s}_{F02,1}(\lambda)=1$

$\bar{s}_{F02,1}(\lambda)=B_{31}\bar{x}_{F02,1}(\lambda)+B_{32}\bar{y}_{F02,1}(\lambda)+B_{33}\bar{z}_{F02,1}(\lambda)$

B_{3j} 0,000 0,000 0,5168 (λ~445)

D50: $\Sigma\bar{s}_{F02,1}(\lambda)=9,11$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM80−3A_D50

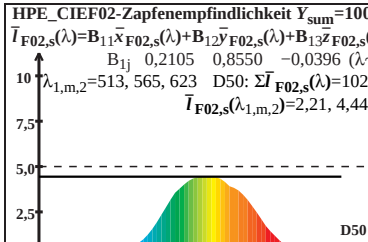
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

$\bar{l}_{F02,s}(\lambda)=B_{11}\bar{x}_{F02,s}(\lambda)+B_{12}\bar{y}_{F02,s}(\lambda)+B_{13}\bar{z}_{F02,s}(\lambda)$

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=513, 565, 623 D50: $\Sigma\bar{l}_{F02,s}(\lambda)=102,64$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,21, 4,44, 2,21



CGM80−4A_D50

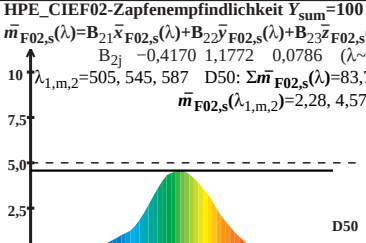
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

$\bar{m}_{F02,s}(\lambda)=B_{21}\bar{x}_{F02,s}(\lambda)+B_{22}\bar{y}_{F02,s}(\lambda)+B_{23}\bar{z}_{F02,s}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=505, 545, 587 D50: $\Sigma\bar{m}_{F02,s}(\lambda)=83,78$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,57, 2,28



CGM80−5A_D50

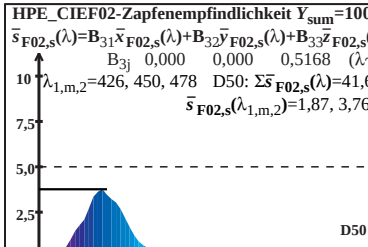
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

$\bar{s}_{F02,s}(\lambda)=B_{31}\bar{x}_{F02,s}(\lambda)+B_{32}\bar{y}_{F02,s}(\lambda)+B_{33}\bar{z}_{F02,s}(\lambda)$

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=426, 450, 478 D50: $\Sigma\bar{s}_{F02,s}(\lambda)=41,65$

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=1,87, 3,76, 1,87



CGM80−6A_D50

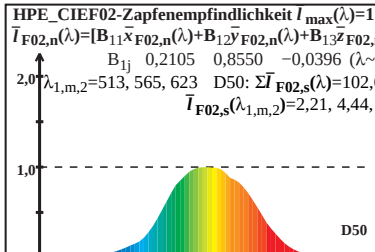
HPE_CIEF02-Zapfenempfindlichkeit $\bar{l}_{max}(\lambda)=1$

$\bar{l}_{F02,n}(\lambda)=[B_{11}\bar{x}_{F02,n}(\lambda)+B_{12}\bar{y}_{F02,n}(\lambda)+B_{13}\bar{z}_{F02,n}(\lambda)]$

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=513, 565, 623 D50: $\Sigma\bar{l}_{F02,s}(\lambda)=102,64$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,21, 4,44, 2,21



CGM80−7A_D50

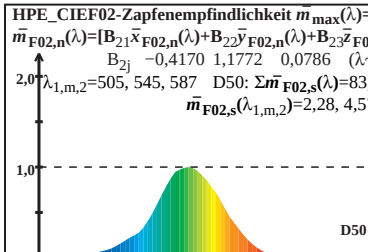
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

$\bar{m}_{F02,n}(\lambda)=[B_{21}\bar{x}_{F02,n}(\lambda)+B_{22}\bar{y}_{F02,n}(\lambda)+B_{23}\bar{z}_{F02,n}(\lambda)]$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=505, 545, 587 D50: $\Sigma\bar{m}_{F02,s}(\lambda)=83,78$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,57, 2,28



CGM80−8A_D50

CGM80−7N

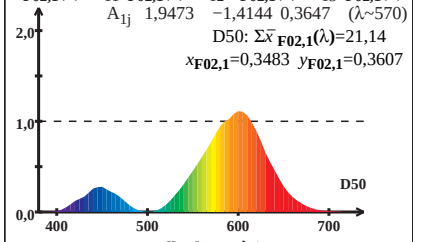
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{x}_{F02,1}(\lambda)=A_{11}\bar{l}_{F02,1}(\lambda)+A_{12}\bar{m}_{F02,1}(\lambda)+A_{13}\bar{s}_{F02,1}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

D50: $\Sigma\bar{x}_{F02,1}(\lambda)=21,14$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM81−1A_D50

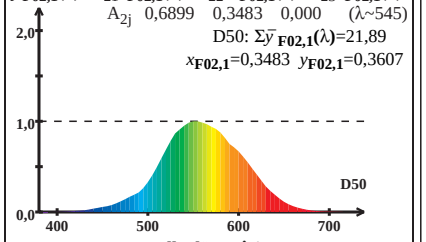
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

D50: $\Sigma\bar{y}_{F02,1}(\lambda)=21,89$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM81−2A_D50

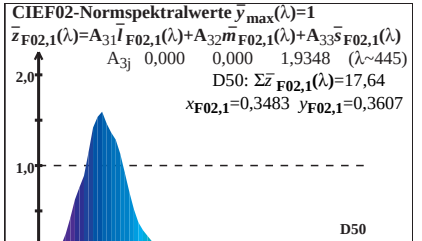
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{z}_{F02,1}(\lambda)=A_{31}\bar{l}_{F02,1}(\lambda)+A_{32}\bar{m}_{F02,1}(\lambda)+A_{33}\bar{s}_{F02,1}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ~445)

D50: $\Sigma\bar{z}_{F02,1}(\lambda)=17,64$

$x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$



CGM81−3A_D50

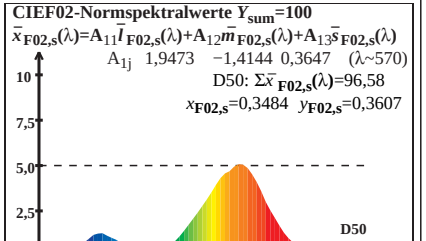
CIEF02-Normspektralwerte $Y_{sum}=100$

$\bar{x}_{F02,s}(\lambda)=A_{11}\bar{l}_{F02,s}(\lambda)+A_{12}\bar{m}_{F02,s}(\lambda)+A_{13}\bar{s}_{F02,s}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

D50: $\Sigma\bar{x}_{F02,s}(\lambda)=96,58$

$x_{F02,s}=0,3484$ $y_{F02,s}=0,3607$



CGM81−4A_D50

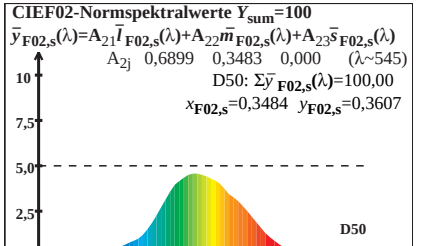
CIEF02-Normspektralwerte $Y_{sum}=100$

$\bar{y}_{F02,s}(\lambda)=A_{21}\bar{l}_{F02,s}(\lambda)+A_{22}\bar{m}_{F02,s}(\lambda)+A_{23}\bar{s}_{F02,s}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

D50: $\Sigma\bar{y}_{F02,s}(\lambda)=100,00$

$x_{F02,s}=0,3484$ $y_{F02,s}=0,3607$



CGM81−5A_D50

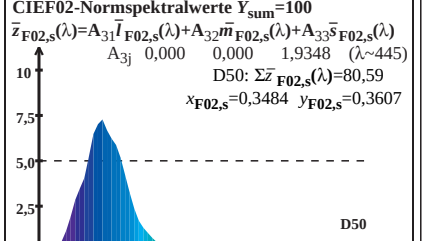
CIEF02-Normspektralwerte $Y_{sum}=100$

$\bar{z}_{F02,s}(\lambda)=A_{31}\bar{l}_{F02,s}(\lambda)+A_{32}\bar{m}_{F02,s}(\lambda)+A_{33}\bar{s}_{F02,s}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ~445)

D50: $\Sigma\bar{z}_{F02,s}(\lambda)=80,59$

$x_{F02,s}=0,3484$ $y_{F02,s}=0,3607$



CGM81−6A_D50

CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$

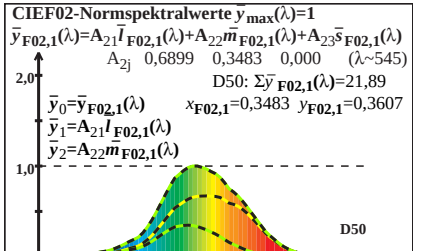
A_{2j} 0,6899 0,3483 0,000 (λ~545)

D50: $\Sigma\bar{y}_{F02,1}(\lambda)=21,89$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$

$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$

$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$



CGM81−7A_D50

CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

D50: $\Sigma\bar{y}_{F02,1}(\lambda)=21,89$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3483$ $y_{F02,1}=0,3607$

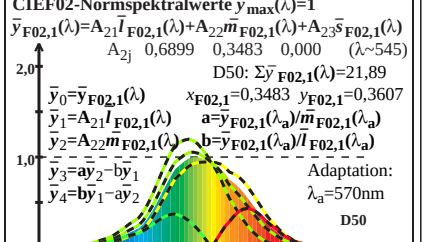
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$ $b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$

$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$

$\bar{y}_4=b\bar{y}_1-a\bar{y}_2$

Adaptation:
λ_a=570nm



CGM81−8A_D50

CGM81−7N

TUB-Registrierung: 20220101-CGM8/CGM8L0NP.PDF /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Display−Ausgabe