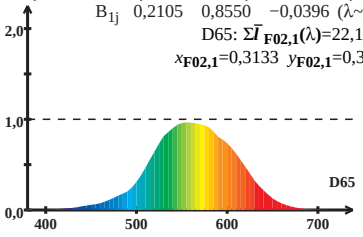
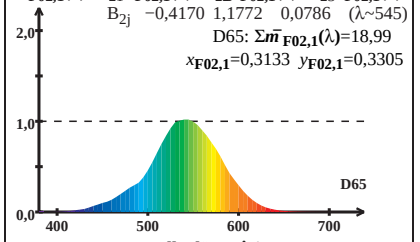
Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

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)
D65: $\Sigma\bar{l}_{F02,1}(\lambda)$=22,17
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



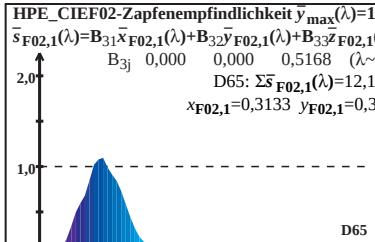
CGO40−1A_D65

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)
D65: $\Sigma\bar{m}_{F02,1}(\lambda)$=18,99
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



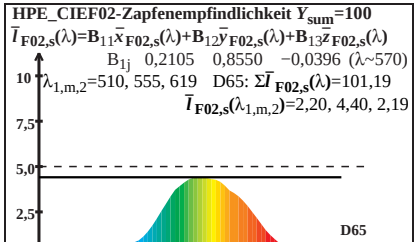
CGO40−2A_D65

HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{F02,1}(\lambda)=B_{31}\bar{x}_{F02,1}(\lambda)+B_{32}\bar{y}_{F02,1}(\lambda)+B_{33}\bar{z}_{F02,1}(\lambda)$
B_{3j} 0,000 0,000 0,5168 (λ~445)
D65: $\Sigma\bar{s}_{F02,1}(\lambda)$=12,19
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



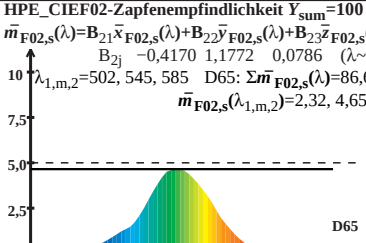
CGO40−3A_D65

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)
$\lambda_{1,m,2}$=510, 555, 619 D65: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,19
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,40, 2,19



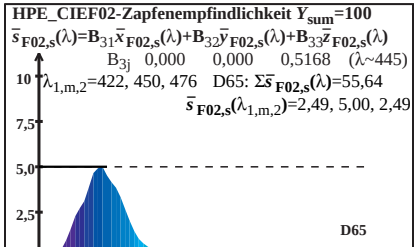
CGO40−4A_D65

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)
$\lambda_{1,m,2}$=502, 545, 585 D65: $\Sigma\bar{m}_{F02,s}(\lambda)$=86,66
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,32, 4,65, 2,32



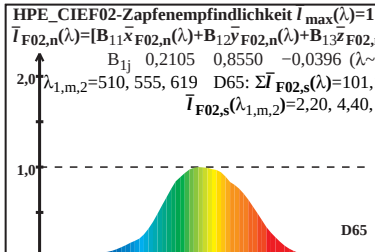
CGO40−5A_D65

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)
$\lambda_{1,m,2}$=422, 450, 476 D65: $\Sigma\bar{s}_{F02,s}(\lambda)$=55,64
$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,49, 5,00, 2,49



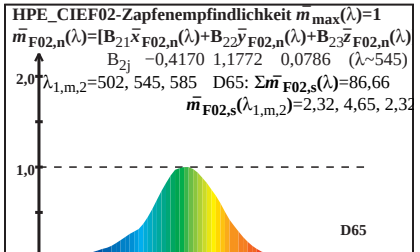
CGO40−6A_D65

HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$
$\bar{l}_{F02,n}(\lambda)=[B_{11}\bar{x}_{F02,n}(\lambda)+B_{12}\bar{y}_{F02,n}(\lambda)+B_{13}\bar{z}_{F02,n}(\lambda)]$
B_{1j} 0,2105 0,8550 −0,0396 (λ~570)
$\lambda_{1,m,2}$=510, 555, 619 D65: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,19
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,40, 2,19



CGO40−7A_D65

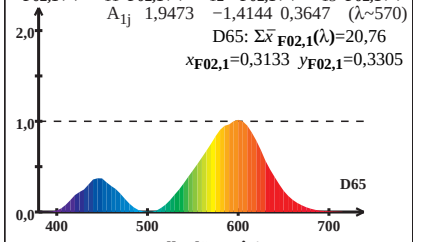
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$
$\bar{m}_{F02,n}(\lambda)=[B_{21}\bar{x}_{F02,n}(\lambda)+B_{22}\bar{y}_{F02,n}(\lambda)+B_{23}\bar{z}_{F02,n}(\lambda)]$
B_{2j} −0,4170 1,1772 0,0786 (λ~545)
$\lambda_{1,m,2}$=502, 545, 585 D65: $\Sigma\bar{m}_{F02,s}(\lambda)$=86,66
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,32, 4,65, 2,32



CGO40−8A_D65

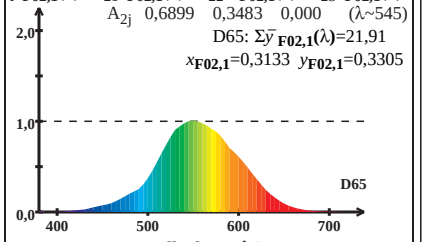
CGO40−7N

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)
D65: $\Sigma\bar{x}_{F02,1}(\lambda)$=20,76
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



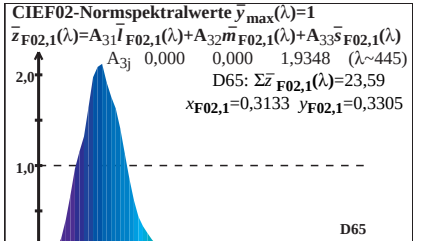
CGO41−1A_D65

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)
D65: $\Sigma\bar{y}_{F02,1}(\lambda)$=21,91
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



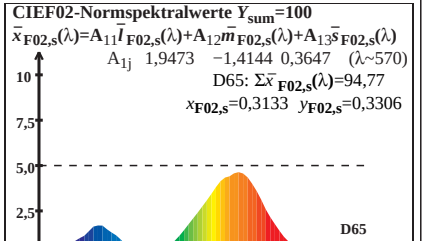
CGO41−2A_D65

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)
D65: $\Sigma\bar{z}_{F02,1}(\lambda)$=23,59
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305



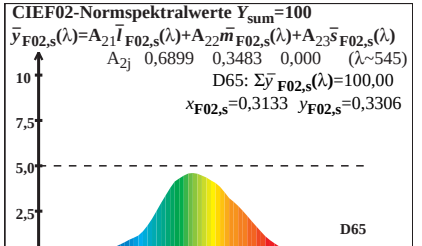
CGO41−3A_D65

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)
D65: $\Sigma\bar{x}_{F02,s}(\lambda)$=94,77
$x_{F02,s}$=0,3133 $y_{F02,s}$=0,3306



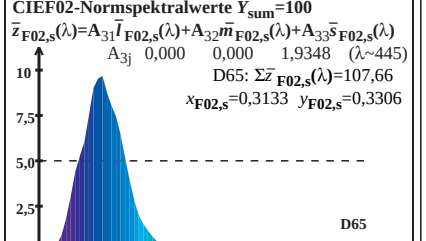
CGO41−4A_D65

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)
D65: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00
$x_{F02,s}$=0,3133 $y_{F02,s}$=0,3306



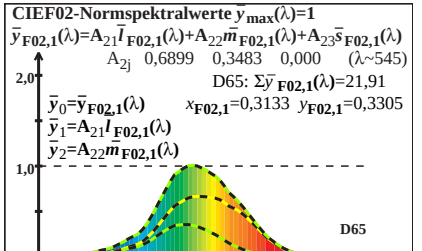
CGO41−5A_D65

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)
D65: $\Sigma\bar{z}_{F02,s}(\lambda)$=107,66
$x_{F02,s}$=0,3133 $y_{F02,s}$=0,3306



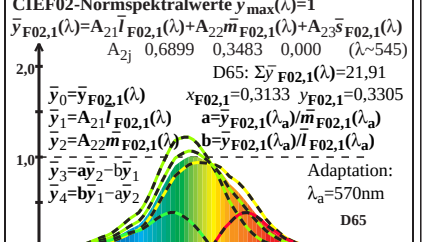
CGO41−6A_D65

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)
D65: $\Sigma\bar{y}_{F02,1}(\lambda)$=21,91
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$



CGO41−7A_D65

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)
D65: $\Sigma\bar{y}_{F02,1}(\lambda)$=21,91
$x_{F02,1}$=0,3133 $y_{F02,1}$=0,3305
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$
$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$
$\bar{y}_4=b\bar{y}_1-a\bar{y}_2$
$a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$
$b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$
Adaptation:
λ_a=570nm



CGO41−8A_D65

CGO41−7N

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

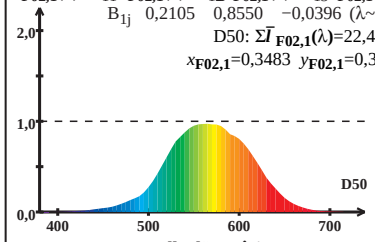
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

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



CGO40−1A_D50

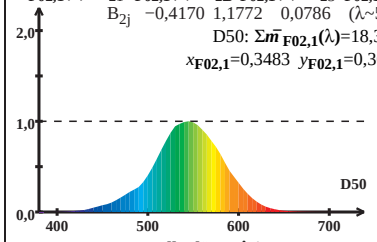
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

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



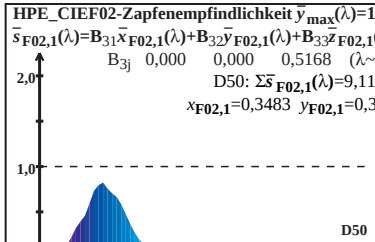
CGO40−2A_D50

HPE_CIEF02-Zapfenempfindlichkeit $\bar{s}_{F02,1}(\lambda)=B_{31}\bar{x}_{F02,1}(\lambda)+B_{32}\bar{y}_{F02,1}(\lambda)+B_{33}\bar{z}_{F02,1}(\lambda)$

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



CGO40−3A_D50

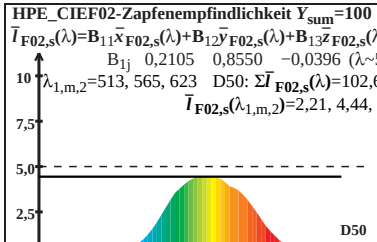
HPE_CIEF02-Zapfenempfindlichkeit Y_{sum}=100

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

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



CGO40−4A_D50

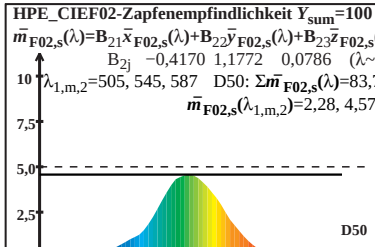
HPE_CIEF02-Zapfenempfindlichkeit Y_{sum}=100

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

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



CGO40−5A_D50

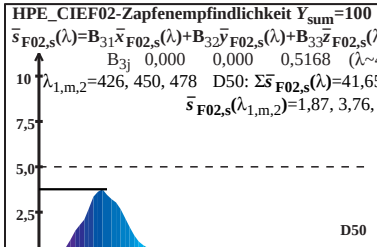
HPE_CIEF02-Zapfenempfindlichkeit Y_{sum}=100

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

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



CGO40−6A_D50

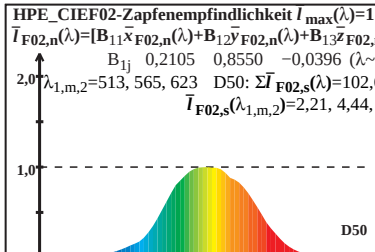
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

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



CGO40−7A_D50

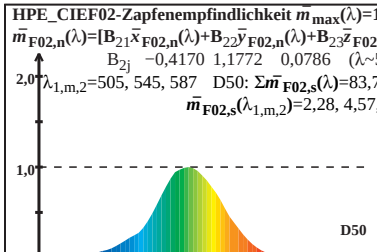
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

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



CGO40−8A_D50

CGO40−7N

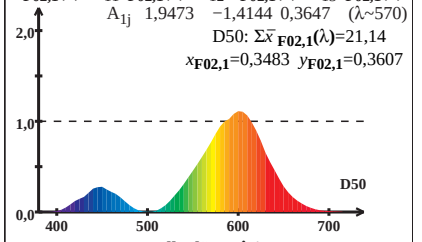
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

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



CGO41−1A_D50

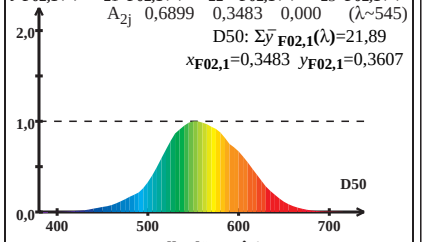
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

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



CGO41−2A_D50

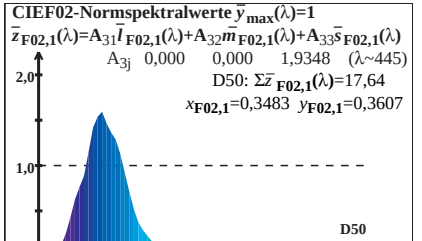
CIEF02-Normspektralwerte $\bar{z}_{F02,1}(\lambda)=1$

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

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



CGO41−3A_D50

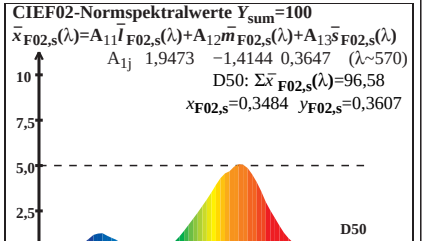
CIEF02-Normspektralwerte Y_{sum}=100

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

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



CGO41−4A_D50

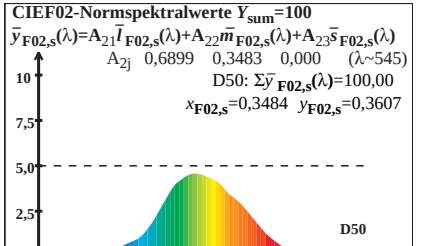
CIEF02-Normspektralwerte Y_{sum}=100

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

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



CGO41−5A_D50

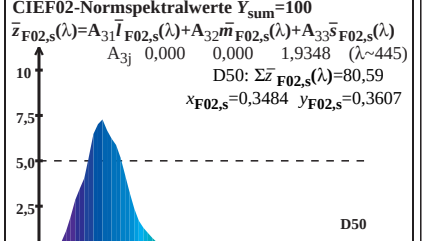
CIEF02-Normspektralwerte Y_{sum}=100

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

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



CGO41−6A_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)

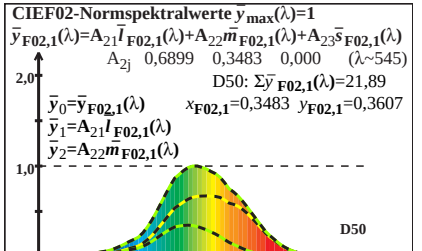
D50: $\Sigma\bar{y}_{F02,1}(\lambda)$=21,89

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

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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



CGO41−7A_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

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

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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

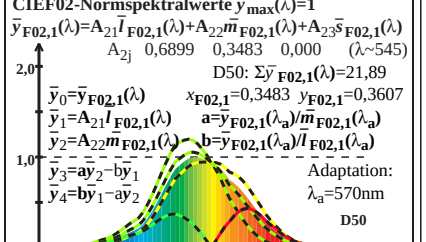
$a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

$b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$

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

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

Adaptation:
λ_a=570nm



CGO41−8A_D50

CGO41−7N

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

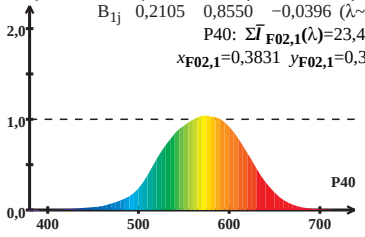
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

P40: $\Sigma\bar{l}_{F02,1}(\lambda)=23,45$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO40−1A_P40

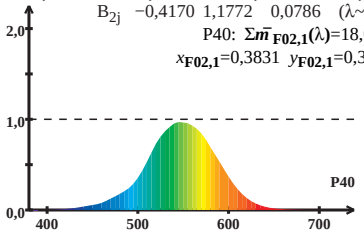
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

P40: $\Sigma\bar{m}_{F02,1}(\lambda)=18,06$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO40−2A_P40

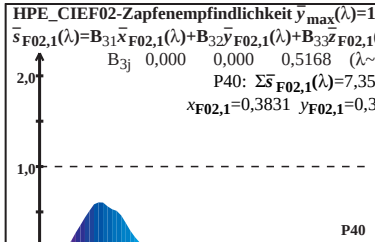
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

P40: $\Sigma\bar{s}_{F02,1}(\lambda)=7,35$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO40−3A_P40

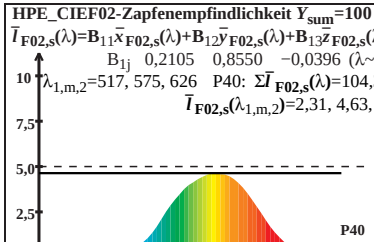
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}=517, 575, 626$ P40: $\Sigma\bar{l}_{F02,s}(\lambda)=104,36$

$\bar{l}_{F02,s}(\lambda_{1,m,2})=2,31, 4,63, 2,31$



CGO40−4A_P40

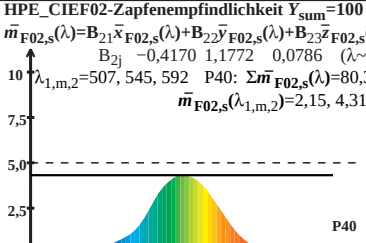
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}=507, 545, 592$ P40: $\Sigma\bar{m}_{F02,s}(\lambda)=80,38$

$\bar{m}_{F02,s}(\lambda_{1,m,2})=2,15, 4,31, 2,15$



CGO40−5A_P40

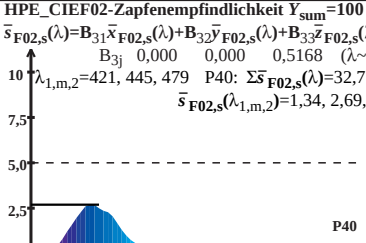
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}=421, 445, 479$ P40: $\Sigma\bar{s}_{F02,s}(\lambda)=32,75$

$\bar{s}_{F02,s}(\lambda_{1,m,2})=1,34, 2,69, 1,33$



CGO40−6A_P40

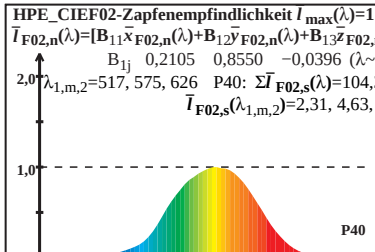
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}=517, 575, 626$ P40: $\Sigma\bar{l}_{F02,s}(\lambda)=104,36$

$\bar{l}_{F02,s}(\lambda_{1,m,2})=2,31, 4,63, 2,31$



CGO40−7A_P40

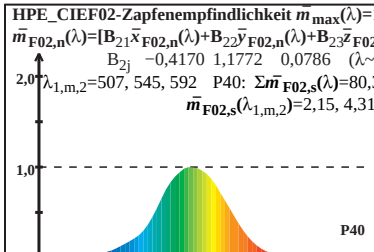
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}=507, 545, 592$ P40: $\Sigma\bar{m}_{F02,s}(\lambda)=80,38$

$\bar{m}_{F02,s}(\lambda_{1,m,2})=2,15, 4,31, 2,15$



CGO40−8A_P40

CGO40−7N

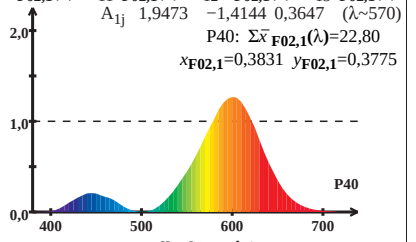
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P40: $\Sigma\bar{x}_{F02,1}(\lambda)=22,80$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO41−1A_P40

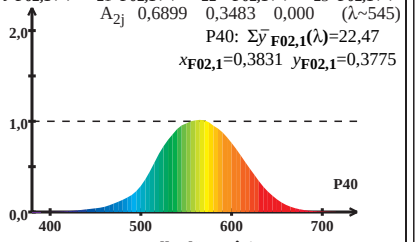
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P40: $\Sigma\bar{y}_{F02,1}(\lambda)=22,47$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO41−2A_P40

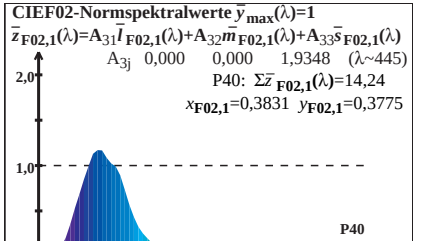
CIEF02-Normspektralwerte $\bar{z}_{F02,1}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

P40: $\Sigma\bar{z}_{F02,1}(\lambda)=14,24$

$x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$



CGO41−3A_P40

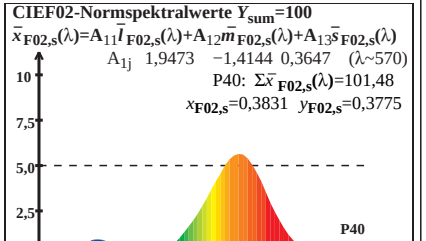
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P40: $\Sigma\bar{x}_{F02,s}(\lambda)=101,48$

$x_{F02,s}=0,3831$ $y_{F02,s}=0,3775$



CGO41−4A_P40

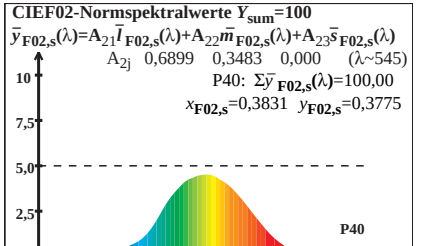
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P40: $\Sigma\bar{y}_{F02,s}(\lambda)=100,00$

$x_{F02,s}=0,3831$ $y_{F02,s}=0,3775$



CGO41−5A_P40

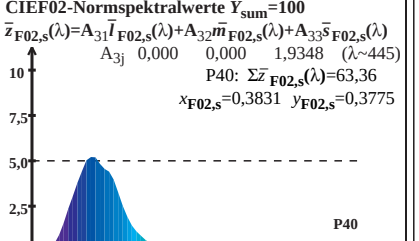
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

P40: $\Sigma\bar{z}_{F02,s}(\lambda)=63,36$

$x_{F02,s}=0,3831$ $y_{F02,s}=0,3775$



CGO41−6A_P40

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

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

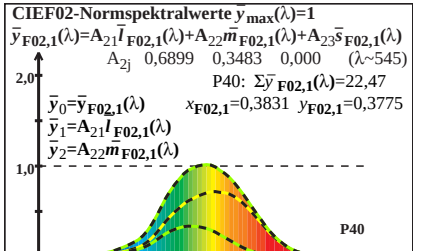
A_{2j} 0,6899 0,3483 0,000 (λ~545)

P40: $\Sigma\bar{y}_{F02,1}(\lambda)=22,47$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$

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

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



CGO41−7A_P40

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)

P40: $\Sigma\bar{y}_{F02,1}(\lambda)=22,47$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3831$ $y_{F02,1}=0,3775$

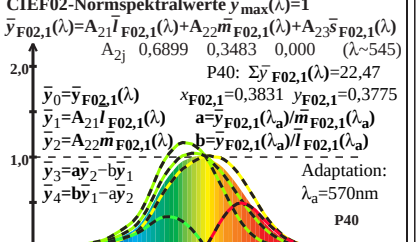
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
$\lambda_a=570nm$



CGO41−8A_P40

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

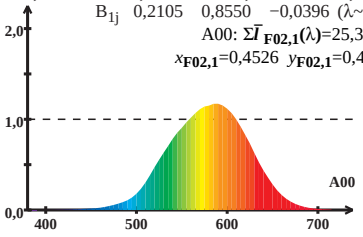
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

A00: $\Sigma\bar{l}_{F02,1}(\lambda)=25,34$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO40−1A_A00

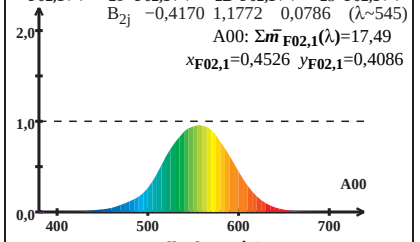
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

A00: $\Sigma\bar{m}_{F02,1}(\lambda)=17,49$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO40−2A_A00

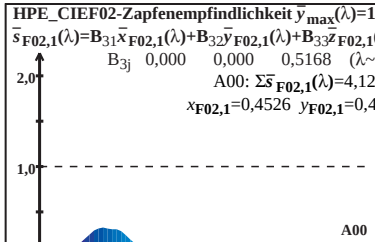
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

A00: $\Sigma\bar{s}_{F02,1}(\lambda)=4,12$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO40−3A_A00

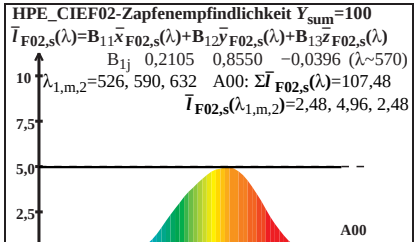
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=526, 590, 632 A00: $\Sigma\bar{l}_{F02,s}(\lambda)=107,48$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,48, 4,96, 2,48



CGO40−4A_A00

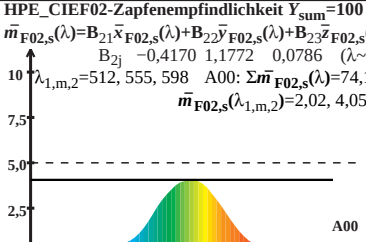
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=512, 555, 598 A00: $\Sigma\bar{m}_{F02,s}(\lambda)=74,19$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,02, 4,05, 2,02



CGO40−5A_A00

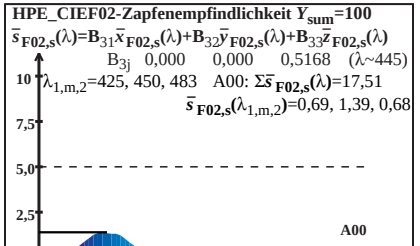
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=425, 450, 483 A00: $\Sigma\bar{s}_{F02,s}(\lambda)=17,51$

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=0,69, 1,39, 0,68



CGO40−6A_A00

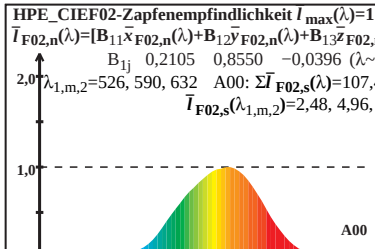
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=526, 590, 632 A00: $\Sigma\bar{l}_{F02,s}(\lambda)=107,48$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,48, 4,96, 2,48



CGO40−7A_A00

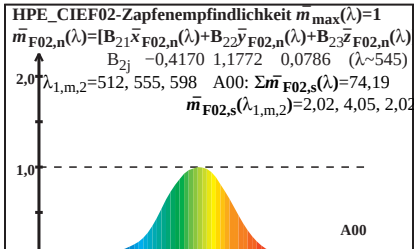
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=512, 555, 598 A00: $\Sigma\bar{m}_{F02,s}(\lambda)=74,19$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,02, 4,05, 2,02



CGO40−8A_A00

CGO40−7N

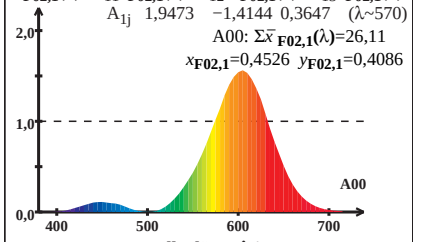
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

A00: $\Sigma\bar{x}_{F02,1}(\lambda)=26,11$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO41−1A_A00

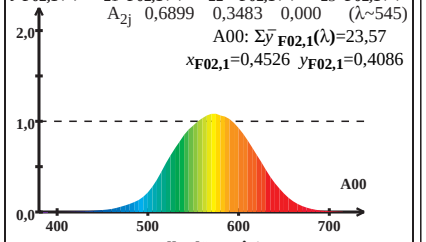
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

A00: $\Sigma\bar{y}_{F02,1}(\lambda)=23,57$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO41−2A_A00

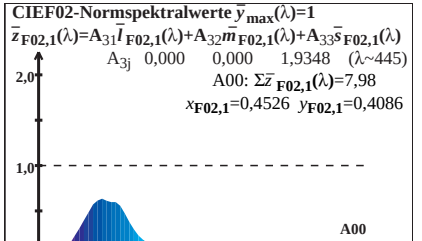
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

A00: $\Sigma\bar{z}_{F02,1}(\lambda)=7,98$

$x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$



CGO41−3A_A00

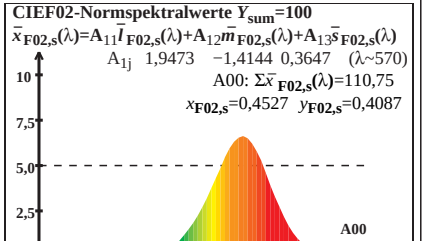
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

A00: $\Sigma\bar{x}_{F02,s}(\lambda)=110,75$

$x_{F02,s}=0,4527$ $y_{F02,s}=0,4087$



CGO41−4A_A00

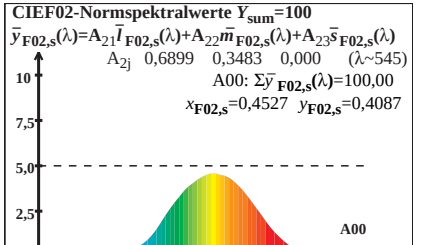
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

A00: $\Sigma\bar{y}_{F02,s}(\lambda)=100,00$

$x_{F02,s}=0,4527$ $y_{F02,s}=0,4087$



CGO41−5A_A00

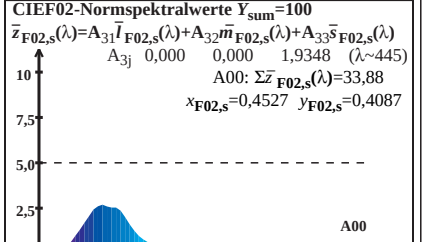
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

A00: $\Sigma\bar{z}_{F02,s}(\lambda)=33,88$

$x_{F02,s}=0,4527$ $y_{F02,s}=0,4087$



CGO41−6A_A00

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

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

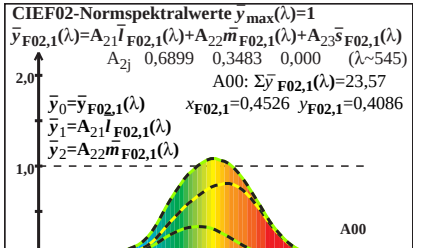
A_{2j} 0,6899 0,3483 0,000 (λ~545)

A00: $\Sigma\bar{y}_{F02,1}(\lambda)=23,57$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$

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

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



CGO41−7A_A00

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)

A00: $\Sigma\bar{y}_{F02,1}(\lambda)=23,57$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,4526$ $y_{F02,1}=0,4086$

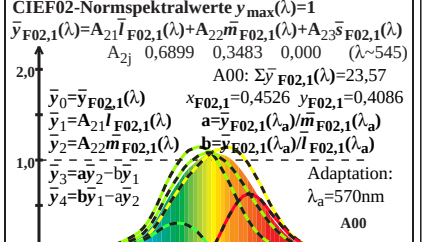
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
λ_a=570nm



CGO41−8A_A00

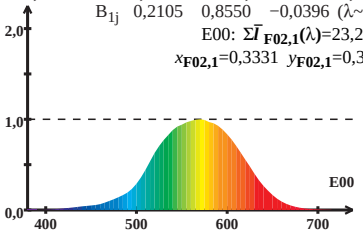
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

E00: $\Sigma\bar{l}_{F02,1}(\lambda)$=23,20

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO40−1A_E00

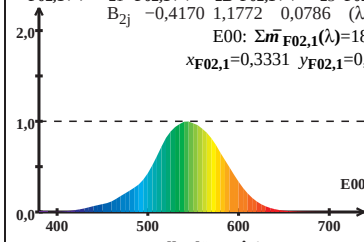
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

E00: $\Sigma\bar{m}_{F02,1}(\lambda)$=18,97

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO40−2A_E00

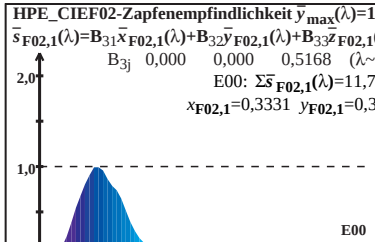
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

E00: $\Sigma\bar{s}_{F02,1}(\lambda)$=11,71

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO40−3A_E00

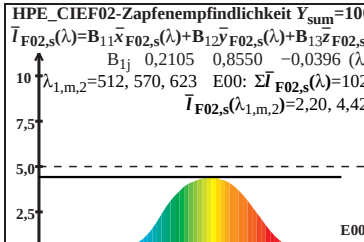
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=512, 570, 623 E00: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,59

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,42, 2,20



CGO40−4A_E00

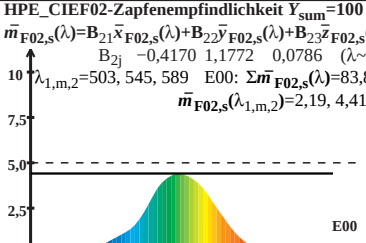
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 545, 589 E00: $\Sigma\bar{m}_{F02,s}(\lambda)$=83,88

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,19, 4,41, 2,19



CGO40−5A_E00

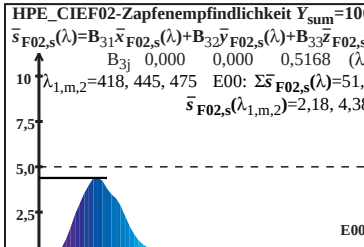
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=418, 445, 475 E00: $\Sigma\bar{s}_{F02,s}(\lambda)$=51,78

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,18, 4,38, 2,19



CGO40−6A_E00

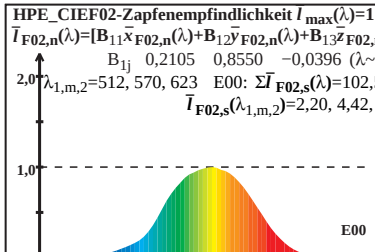
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=512, 570, 623 E00: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,59

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,42, 2,20



CGO40−7A_E00

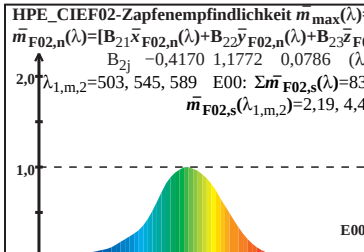
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 545, 589 E00: $\Sigma\bar{m}_{F02,s}(\lambda)$=83,88

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,19, 4,41, 2,19



CGO40−8A_E00

CGO40−7N

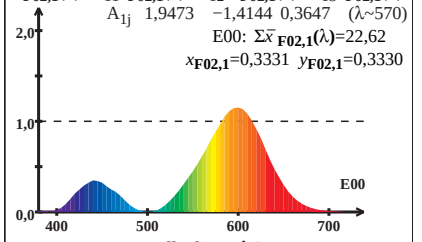
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

E00: $\Sigma\bar{x}_{F02,1}(\lambda)$=22,62

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO41−1A_E00

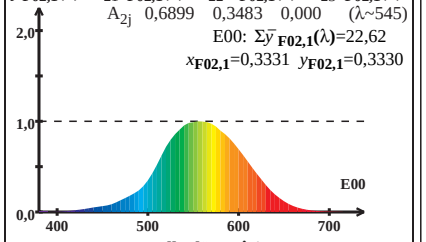
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

E00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,62

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO41−2A_E00

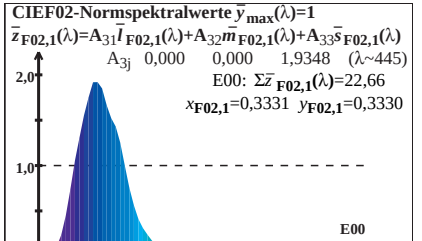
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

E00: $\Sigma\bar{z}_{F02,1}(\lambda)$=22,66

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330



CGO41−3A_E00

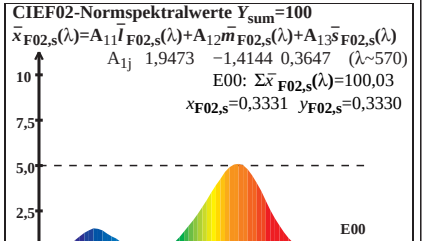
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

E00: $\Sigma\bar{x}_{F02,s}(\lambda)$=100,03

$x_{F02,s}$=0,3331 $y_{F02,s}$=0,3330



CGO41−4A_E00

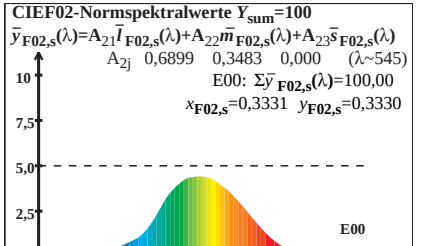
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

E00: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00

$x_{F02,s}$=0,3331 $y_{F02,s}$=0,3330



CGO41−5A_E00

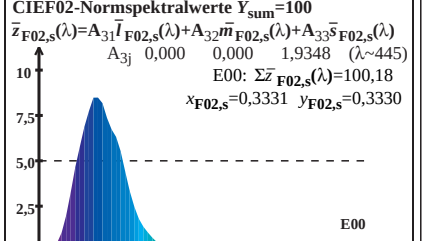
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

E00: $\Sigma\bar{z}_{F02,s}(\lambda)$=100,18

$x_{F02,s}$=0,3331 $y_{F02,s}$=0,3330



CGO41−6A_E00

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)

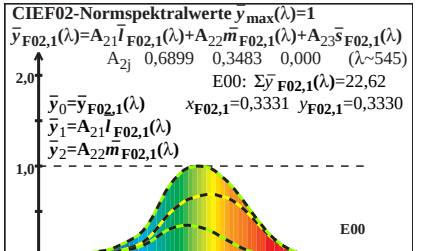
E00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,62

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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



CGO41−7A_E00

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)

E00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,62

$x_{F02,1}$=0,3331 $y_{F02,1}$=0,3330

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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

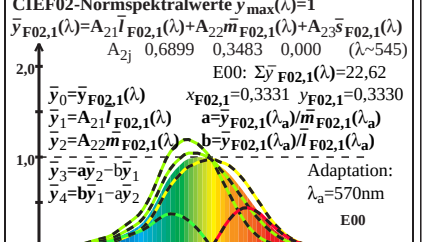
$a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

$b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$

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

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

Adaptation:
λ_a=570nm



CGO41−8A_E00

CGO41−7N

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

TUB-Registrierung: 20220101-CGO4/CGO4L0NA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Display−Ausgabe

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

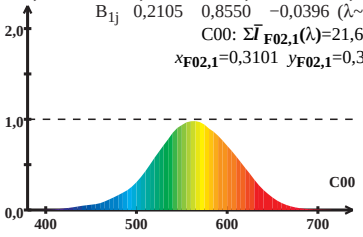
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

C00: $\Sigma\bar{l}_{F02,1}(\lambda)=21,65$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO40−1A_C00

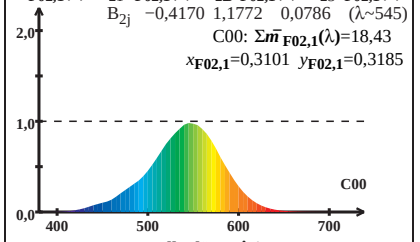
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

C00: $\Sigma\bar{m}_{F02,1}(\lambda)=18,43$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO40−2A_C00

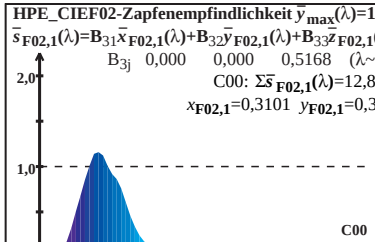
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

C00: $\Sigma\bar{s}_{F02,1}(\lambda)=12,86$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO40−3A_C00

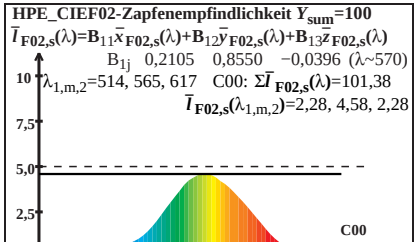
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=514, 565, 617 C00: $\Sigma\bar{l}_{F02,s}(\lambda)=101,38$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,58, 2,28



CGO40−4A_C00

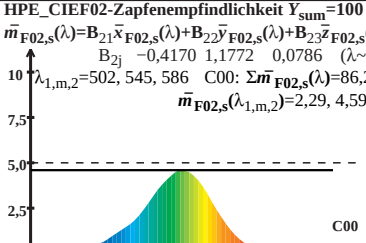
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=502, 545, 586 C00: $\Sigma\bar{m}_{F02,s}(\lambda)=86,27$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,29, 4,59, 2,29



CGO40−5A_C00

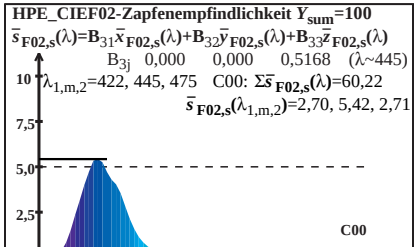
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=422, 445, 475 C00: $\Sigma\bar{s}_{F02,s}(\lambda)=60,22$

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,70, 5,42, 2,71



CGO40−6A_C00

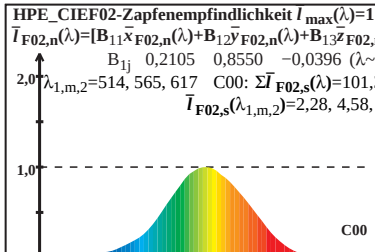
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=514, 565, 617 C00: $\Sigma\bar{l}_{F02,s}(\lambda)=101,38$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,58, 2,28



CGO40−7A_C00

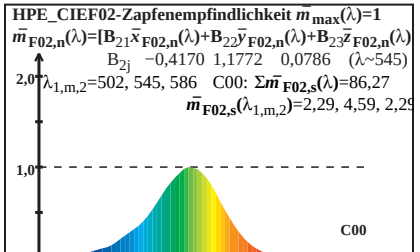
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=502, 545, 586 C00: $\Sigma\bar{m}_{F02,s}(\lambda)=86,27$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,29, 4,59, 2,29



CGO40−8A_C00

CGO40−7N

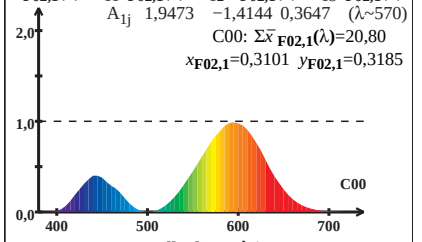
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

C00: $\Sigma\bar{x}_{F02,1}(\lambda)=20,80$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO41−1A_C00

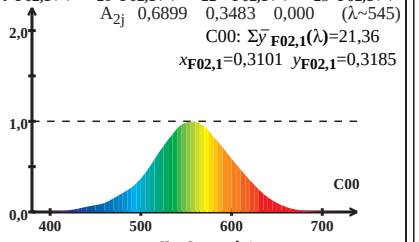
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

C00: $\Sigma\bar{y}_{F02,1}(\lambda)=21,36$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO41−2A_C00

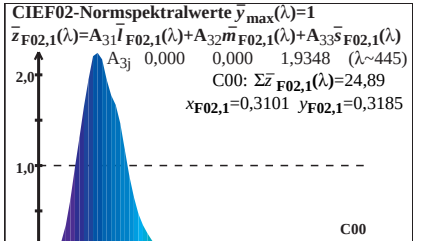
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

C00: $\Sigma\bar{z}_{F02,1}(\lambda)=24,89$

$x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$



CGO41−3A_C00

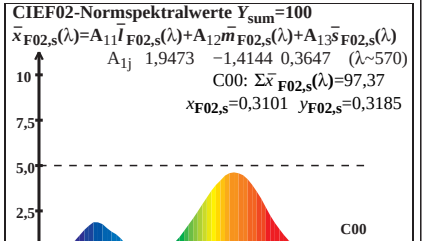
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

C00: $\Sigma\bar{x}_{F02,s}(\lambda)=97,37$

$x_{F02,s}=0,3101$ $y_{F02,s}=0,3185$



CGO41−4A_C00

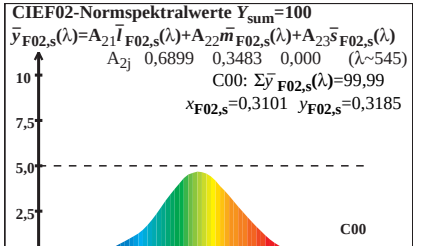
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

C00: $\Sigma\bar{y}_{F02,s}(\lambda)=99,99$

$x_{F02,s}=0,3101$ $y_{F02,s}=0,3185$



CGO41−5A_C00

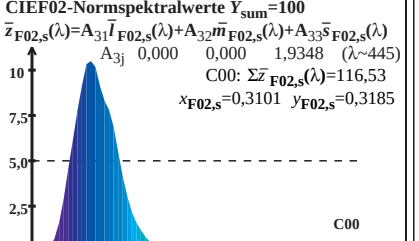
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

C00: $\Sigma\bar{z}_{F02,s}(\lambda)=116,53$

$x_{F02,s}=0,3101$ $y_{F02,s}=0,3185$



CGO41−6A_C00

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

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

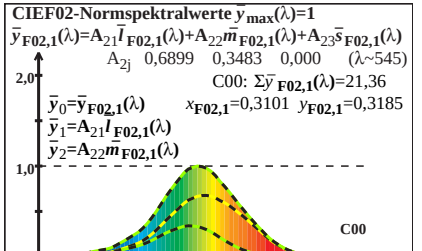
A_{2j} 0,6899 0,3483 0,000 (λ~545)

C00: $\Sigma\bar{y}_{F02,1}(\lambda)=21,36$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$

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

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



CGO41−7A_C00

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)

C00: $\Sigma\bar{y}_{F02,1}(\lambda)=21,36$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3101$ $y_{F02,1}=0,3185$

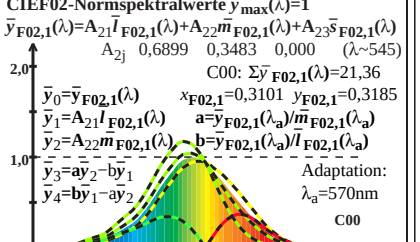
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
λ_a=570nm



CGO41−8A_C00

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

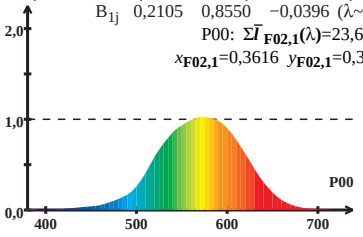
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

P00: $\Sigma\bar{l}_{F02,1}(\lambda)=23,67$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO40−1A_P00

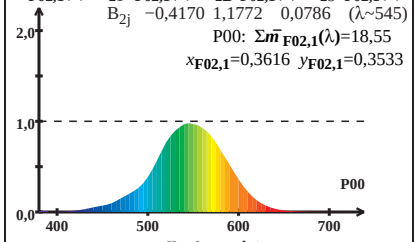
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

P00: $\Sigma\bar{m}_{F02,1}(\lambda)=18,55$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO40−2A_P00

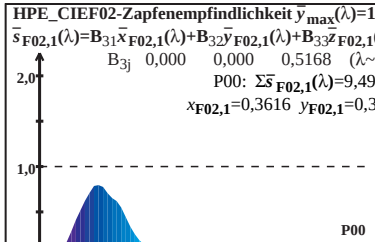
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

P00: $\Sigma\bar{s}_{F02,1}(\lambda)=9,49$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO40−3A_P00

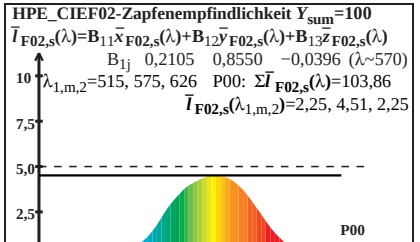
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=515, 575, 626 P00: $\Sigma\bar{l}_{F02,s}(\lambda)=103,86$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,25, 4,51, 2,25



CGO40−4A_P00

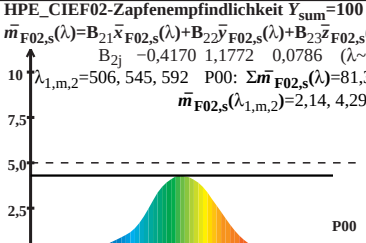
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=506, 545, 592 P00: $\Sigma\bar{m}_{F02,s}(\lambda)=81,37$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,14, 4,29, 2,14



CGO40−5A_P00

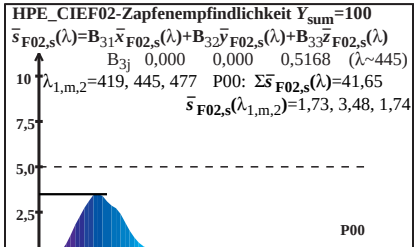
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=419, 445, 477 P00: $\Sigma\bar{s}_{F02,s}(\lambda)=41,65$

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=1,73, 3,48, 1,74



CGO40−6A_P00

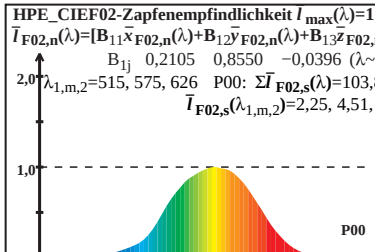
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=515, 575, 626 P00: $\Sigma\bar{l}_{F02,s}(\lambda)=103,86$

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,25, 4,51, 2,25



CGO40−7A_P00

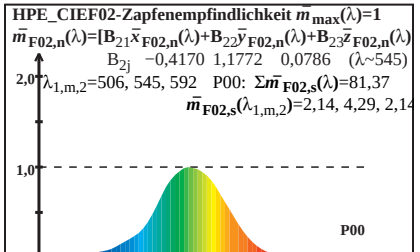
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=506, 545, 592 P00: $\Sigma\bar{m}_{F02,s}(\lambda)=81,37$

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,14, 4,29, 2,14



CGO40−8A_P00

CGO40−7N

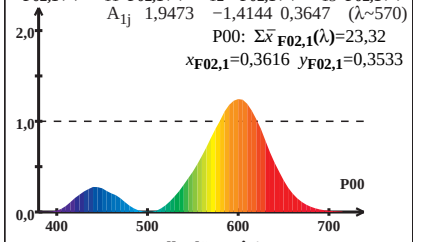
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P00: $\Sigma\bar{x}_{F02,1}(\lambda)=23,32$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO41−1A_P00

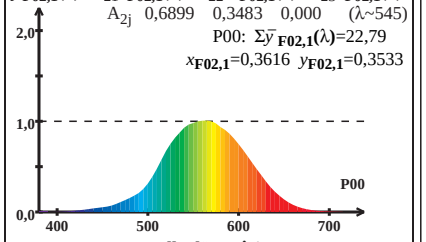
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F02,1}(\lambda)=22,79$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO41−2A_P00

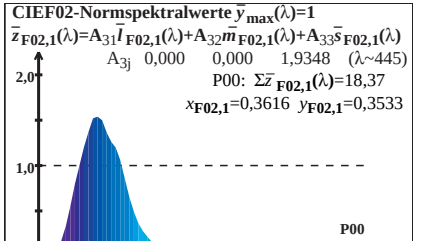
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

P00: $\Sigma\bar{z}_{F02,1}(\lambda)=18,37$

$x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$



CGO41−3A_P00

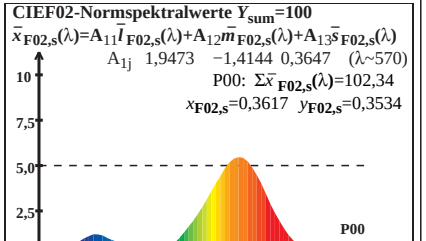
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P00: $\Sigma\bar{x}_{F02,s}(\lambda)=102,34$

$x_{F02,s}=0,3617$ $y_{F02,s}=0,3534$



CGO41−4A_P00

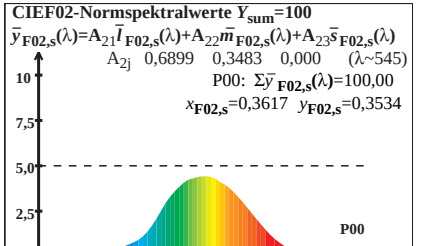
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F02,s}(\lambda)=100,00$

$x_{F02,s}=0,3617$ $y_{F02,s}=0,3534$



CGO41−5A_P00

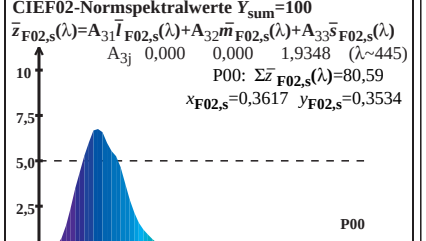
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

P00: $\Sigma\bar{z}_{F02,s}(\lambda)=80,59$

$x_{F02,s}=0,3617$ $y_{F02,s}=0,3534$



CGO41−6A_P00

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

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

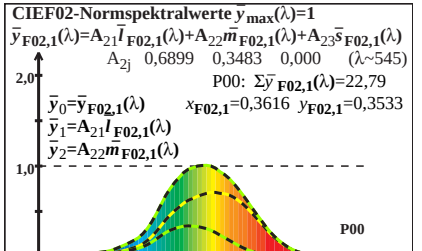
A_{2j} 0,6899 0,3483 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F02,1}(\lambda)=22,79$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$

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

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



CGO41−7A_P00

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)

P00: $\Sigma\bar{y}_{F02,1}(\lambda)=22,79$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}=0,3616$ $y_{F02,1}=0,3533$

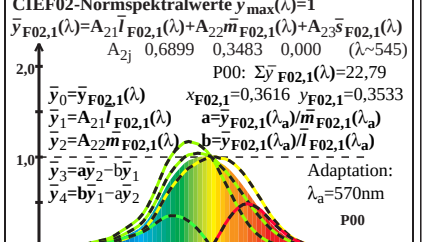
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
λ_a=570nm



CGO41−8A_P00

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO4/CGO4.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

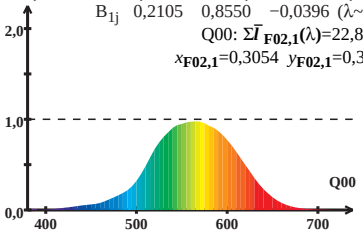
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

Q00: $\Sigma\bar{l}_{F02,1}(\lambda)$=22,89

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO40−1A_Q00

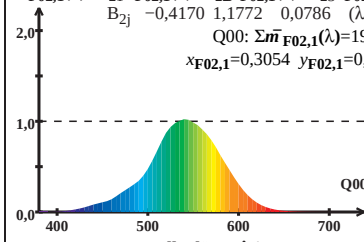
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

Q00: $\Sigma\bar{m}_{F02,1}(\lambda)$=19,51

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO40−2A_Q00

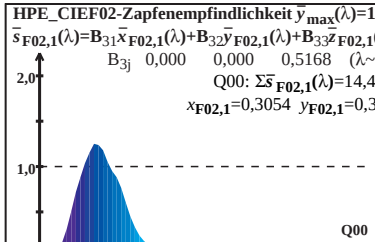
HPE_CIEF02-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

Q00: $\Sigma\bar{s}_{F02,1}(\lambda)$=14,49

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO40−3A_Q00

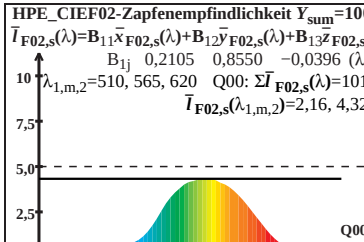
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=510, 565, 620 Q00: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,34

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,16, 4,32, 2,16



CGO40−4A_Q00

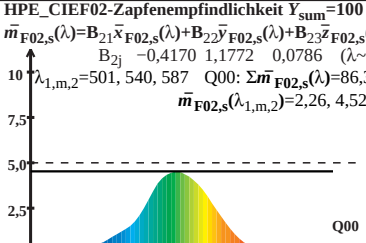
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=501, 540, 587 Q00: $\Sigma\bar{m}_{F02,s}(\lambda)$=86,37

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,26, 4,52, 2,26



CGO40−5A_Q00

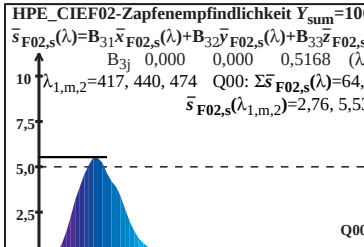
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

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

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=417, 440, 474 Q00: $\Sigma\bar{s}_{F02,s}(\lambda)$=64,12

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,76, 5,53, 2,75



CGO40−6A_Q00

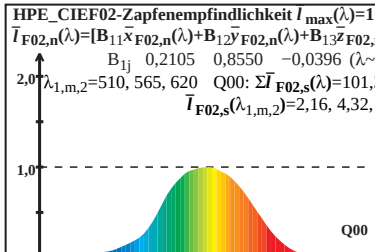
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

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

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=510, 565, 620 Q00: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,34

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,16, 4,32, 2,16



CGO40−7A_Q00

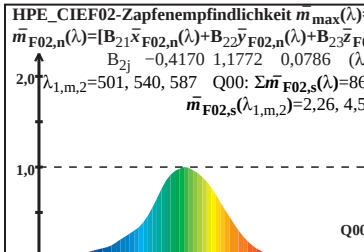
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

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

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=501, 540, 587 Q00: $\Sigma\bar{m}_{F02,s}(\lambda)$=86,37

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,26, 4,52, 2,26



CGO40−8A_Q00

CGO40−7N

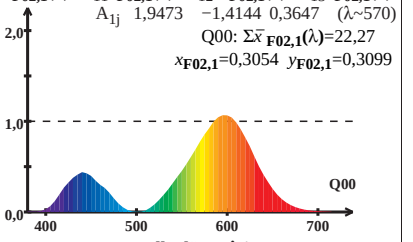
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

Q00: $\Sigma\bar{x}_{F02,1}(\lambda)$=22,27

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO41−1A_Q00

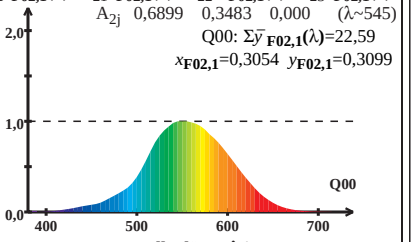
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

Q00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,59

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO41−2A_Q00

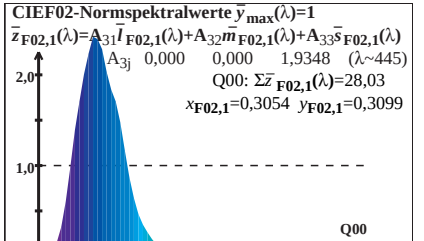
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

Q00: $\Sigma\bar{z}_{F02,1}(\lambda)$=28,03

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099



CGO41−3A_Q00

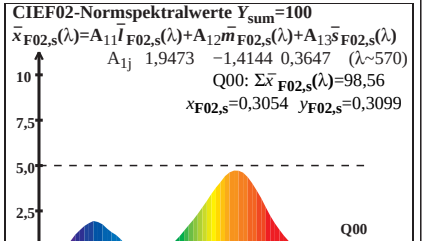
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

Q00: $\Sigma\bar{x}_{F02,s}(\lambda)$=98,56

$x_{F02,s}$=0,3054 $y_{F02,s}$=0,3099



CGO41−4A_Q00

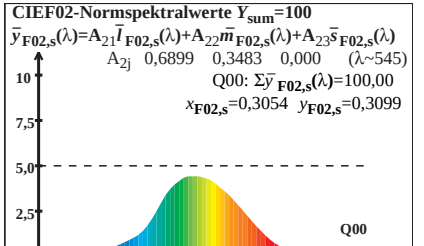
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{2j} 0,6899 0,3483 0,000 (λ~545)

Q00: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00

$x_{F02,s}$=0,3054 $y_{F02,s}$=0,3099



CGO41−5A_Q00

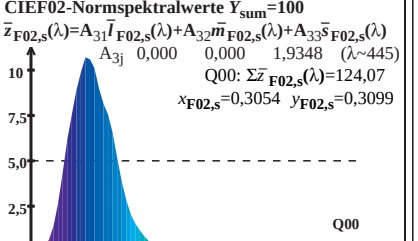
CIEF02-Normspektralwerte $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,9348 (λ~445)

Q00: $\Sigma\bar{z}_{F02,s}(\lambda)$=124,07

$x_{F02,s}$=0,3054 $y_{F02,s}$=0,3099



CGO41−6A_Q00

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)

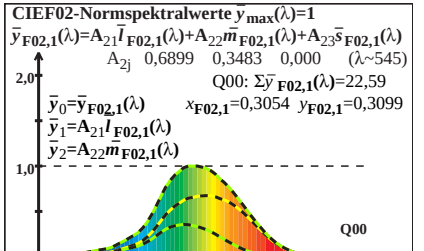
Q00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,59

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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



CGO41−7A_Q00

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)

Q00: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,59

$x_{F02,1}$=0,3054 $y_{F02,1}$=0,3099

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

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

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

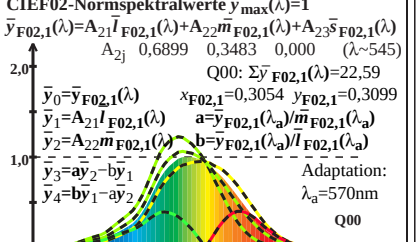
$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$

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

$a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

$b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$

Adaptation:
λ_a=570nm



CGO41−8A_Q00