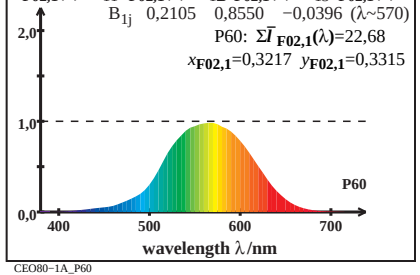
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

P60: $\Sigma\bar{l}_{F02,1}(\lambda)$=22,68

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO80−1A_P60

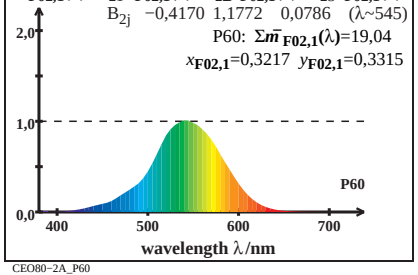
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

P60: $\Sigma\bar{m}_{F02,1}(\lambda)$=19,04

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO80−2A_P60

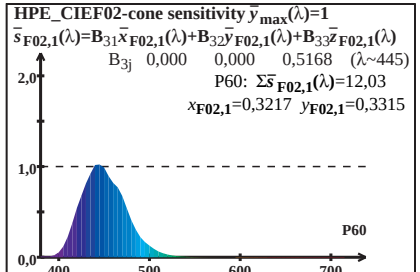
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

P60: $\Sigma\bar{s}_{F02,1}(\lambda)$=12,03

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO80−3A_P60

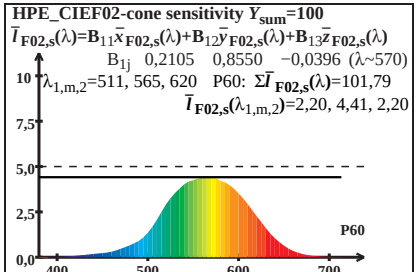
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=511, 565, 620 P60: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,79

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,41, 2,20




CEO80−4A_P60

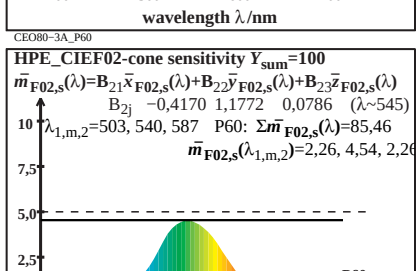
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 540, 587 P60: $\Sigma\bar{m}_{F02,s}(\lambda)$=85,46

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,26, 4,54, 2,26




CEO80−5A_P60

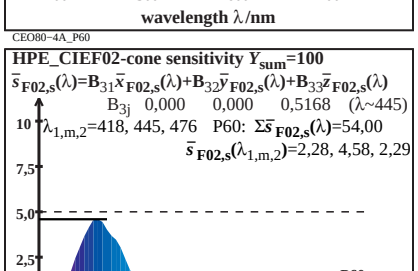
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=418, 445, 476 P60: $\Sigma\bar{s}_{F02,s}(\lambda)$=54,00

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,58, 2,29




CEO80−6A_P60

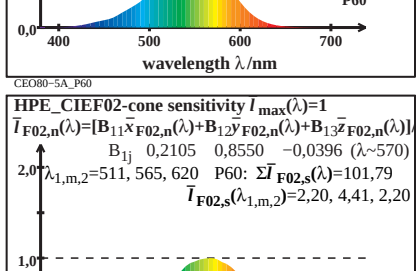
HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=511, 565, 620 P60: $\Sigma\bar{l}_{F02,s}(\lambda)$=101,79

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,20, 4,41, 2,20




CEO80−7A_P60

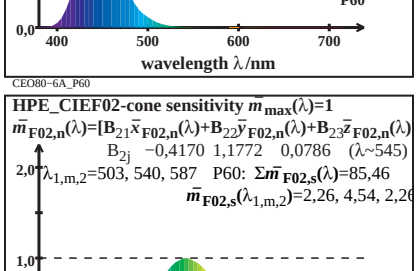
HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 540, 587 P60: $\Sigma\bar{m}_{F02,s}(\lambda)$=85,46

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,26, 4,54, 2,26




CEO80−8A_P60

CEO80−7N

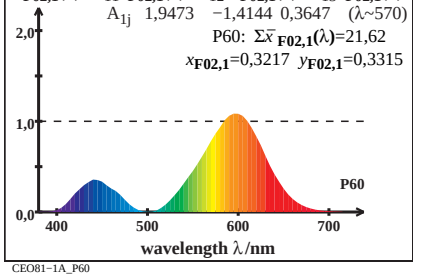
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P60: $\Sigma\bar{x}_{F02,1}(\lambda)$=21,62

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO81−1A_P60

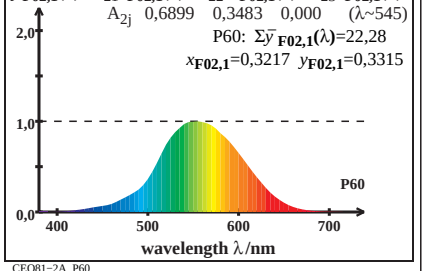
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,28

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO81−2A_P60

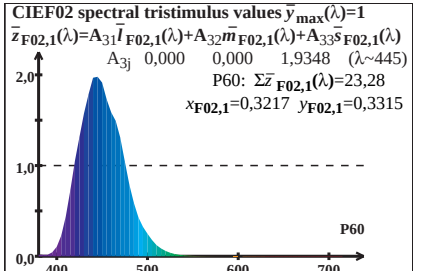
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P60: $\Sigma\bar{z}_{F02,1}(\lambda)$=23,28

$x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315




CEO81−3A_P60

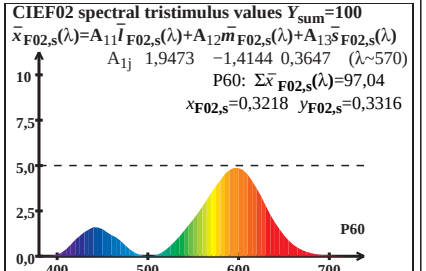
CIEF02 spectral tristimulus values $Y_{sum}$=100

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P60: $\Sigma\bar{x}_{F02,s}(\lambda)$=97,04

$x_{F02,s}$=0,3218 $y_{F02,s}$=0,3316




CEO81−4A_P60

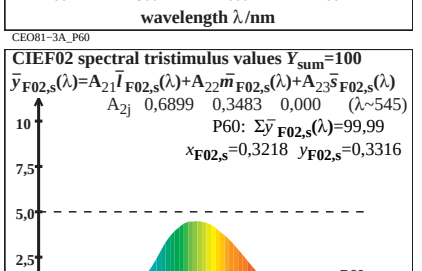
CIEF02 spectral tristimulus values $Y_{sum}$=100

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,s}(\lambda)$=99,99

$x_{F02,s}$=0,3218 $y_{F02,s}$=0,3316



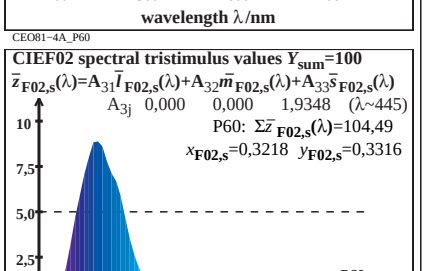

CEO81−5A_P60

CIEF02 spectral tristimulus values $\bar{z}_{F02,s}(\lambda)=A_{31}\bar{l}_{F02,s}(\lambda)+A_{32}\bar{m}_{F02,s}(\lambda)+A_{33}\bar{s}_{F02,s}(\lambda)$

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P60: $\Sigma\bar{z}_{F02,s}(\lambda)$=104,49

$x_{F02,s}$=0,3218 $y_{F02,s}$=0,3316




CEO81−6A_P60

CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

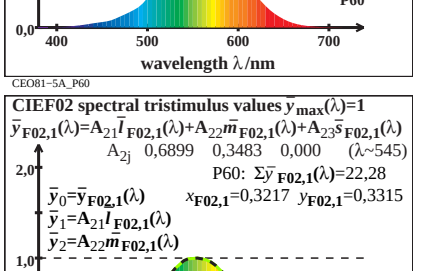
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,28

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315

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

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




CEO81−7A_P60

CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,28

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3217 $y_{F02,1}$=0,3315

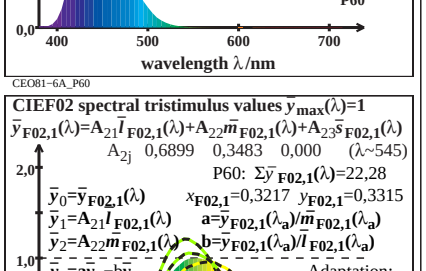
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

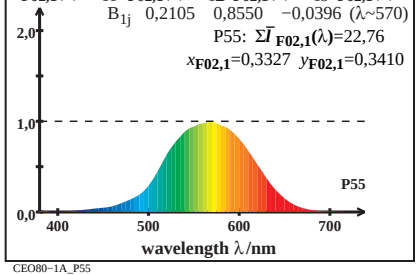
Adaptation:
$\lambda_a$=570nm




CEO81−8A_P60

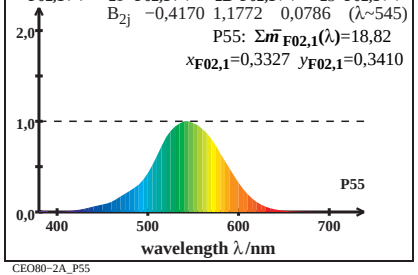
CEO81−7N

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{l}_{F02,1}(\lambda)=B_{11}\bar{x}_{F02,1}(\lambda)+B_{12}\bar{y}_{F02,1}(\lambda)+B_{13}\bar{z}_{F02,1}(\lambda)$
$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)
P55: $\Sigma\bar{l}_{F02,1}(\lambda)$=22,76
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



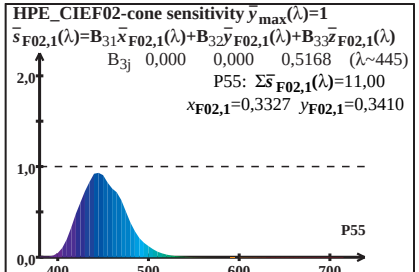

CEO80−1A_P55

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{m}_{F02,1}(\lambda)=B_{21}\bar{x}_{F02,1}(\lambda)+B_{22}\bar{y}_{F02,1}(\lambda)+B_{23}\bar{z}_{F02,1}(\lambda)$
$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)
P55: $\Sigma\bar{m}_{F02,1}(\lambda)$=18,82
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



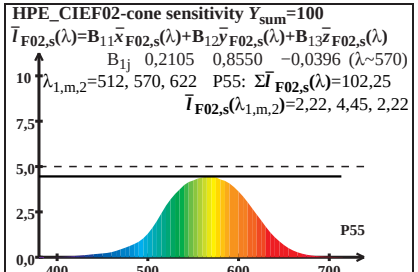

CEO80−2A_P55

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{s}_{F02,1}(\lambda)=B_{31}\bar{x}_{F02,1}(\lambda)+B_{32}\bar{y}_{F02,1}(\lambda)+B_{33}\bar{z}_{F02,1}(\lambda)$
$B_{3j}$ 0,000 0,000 0,5168 (λ~445)
P55: $\Sigma\bar{s}_{F02,1}(\lambda)$=11,00
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



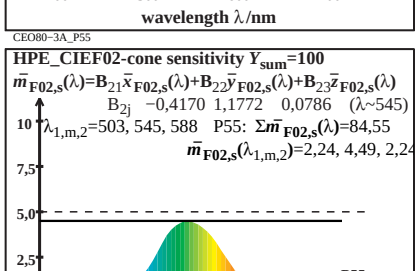

CEO80−3A_P55

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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, 622 P55: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,25
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,22, 4,45, 2,22



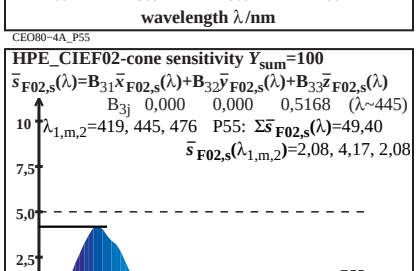

CEO80−4A_P55

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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, 588 P55: $\Sigma\bar{m}_{F02,s}(\lambda)$=84,55
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,24, 4,49, 2,24



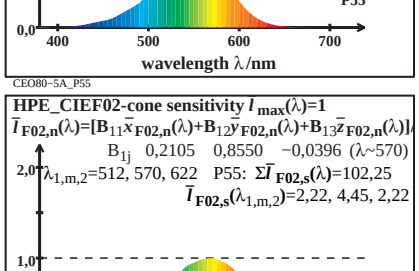

CEO80−5A_P55

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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, 476 P55: $\Sigma\bar{s}_{F02,s}(\lambda)$=49,40
$\bar{s}_{F02,s}(\lambda_{1,m,2})$=2,08, 4,17, 2,08



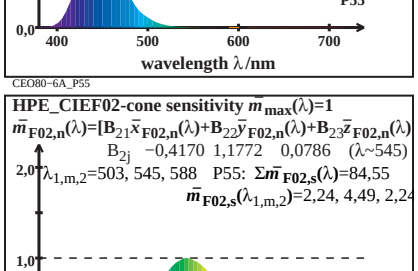

CEO80−6A_P55

**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**
$\bar{l}_{F02,n}(\lambda)=[B_{11}\bar{x}_{F02,n}(\lambda)+B_{12}\bar{y}_{F02,n}(\lambda)+B_{13}\bar{z}_{F02,n}(\lambda)]/$
$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)
$\lambda_{1,m,2}$=512, 570, 622 P55: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,25
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,22, 4,45, 2,22




CEO80−7A_P55

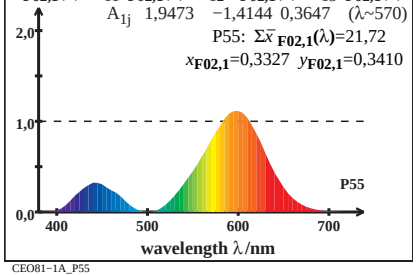
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**
$\bar{m}_{F02,n}(\lambda)=[B_{21}\bar{x}_{F02,n}(\lambda)+B_{22}\bar{y}_{F02,n}(\lambda)+B_{23}\bar{z}_{F02,n}(\lambda)]$
$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)
$\lambda_{1,m,2}$=503, 545, 588 P55: $\Sigma\bar{m}_{F02,s}(\lambda)$=84,55
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,24, 4,49, 2,24




CEO80−8A_P55

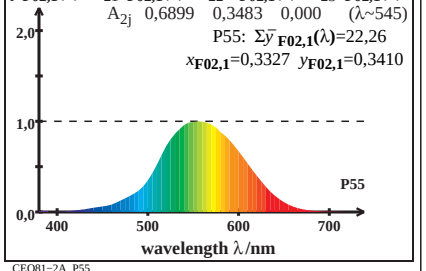
CEO80−7N

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{x}_{F02,1}(\lambda)=A_{11}\bar{l}_{F02,1}(\lambda)+A_{12}\bar{m}_{F02,1}(\lambda)+A_{13}\bar{s}_{F02,1}(\lambda)$
$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)
P55: $\Sigma\bar{x}_{F02,1}(\lambda)$=21,72
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



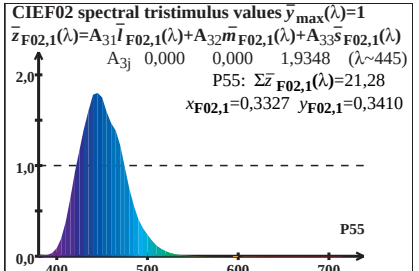

CEO81−1A_P55

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P55: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,26
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



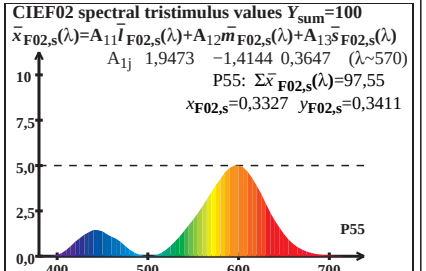

CEO81−2A_P55

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{z}_{F02,1}(\lambda)=A_{31}\bar{l}_{F02,1}(\lambda)+A_{32}\bar{m}_{F02,1}(\lambda)+A_{33}\bar{s}_{F02,1}(\lambda)$
$A_{3j}$ 0,000 0,000 1,9348 (λ~445)
P55: $\Sigma\bar{z}_{F02,1}(\lambda)$=21,28
$x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410



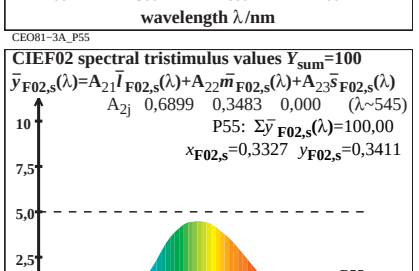

CEO81−3A_P55

**CIEF02 spectral tristimulus values $Y_{sum}$=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)
P55: $\Sigma\bar{x}_{F02,s}(\lambda)$=97,55
$x_{F02,s}$=0,3327 $y_{F02,s}$=0,3411



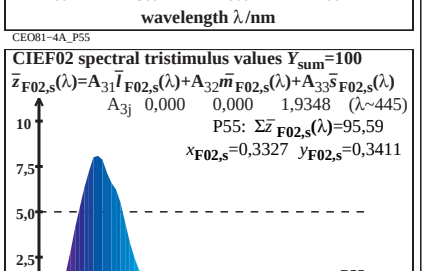

CEO81−4A_P55

**CIEF02 spectral tristimulus values $Y_{sum}$=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)
P55: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00
$x_{F02,s}$=0,3327 $y_{F02,s}$=0,3411



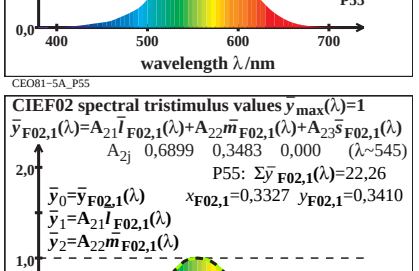

CEO81−5A_P55

**CIEF02 spectral tristimulus values $\bar{z}_{max}(\lambda)=1$**
$\bar{z}_{F02,s}(\lambda)=A_{31}\bar{l}_{F02,s}(\lambda)+A_{32}\bar{m}_{F02,s}(\lambda)+A_{33}\bar{s}_{F02,s}(\lambda)$
$A_{3j}$ 0,000 0,000 1,9348 (λ~445)
P55: $\Sigma\bar{z}_{F02,s}(\lambda)$=95,59
$x_{F02,s}$=0,3327 $y_{F02,s}$=0,3411



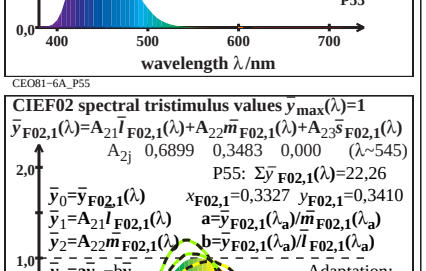

CEO81−6A_P55

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P55: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,26
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$




CEO81−7A_P55

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P55: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,26
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3327 $y_{F02,1}$=0,3410
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$ $b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$
$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$
$\bar{y}_4=b\bar{y}_1-a\bar{y}_2$
Adaptation:
$\lambda_a$=570nm




CEO81−8A_P55

CEO81−7N

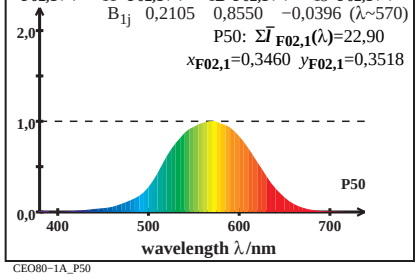
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

P50: $\Sigma\bar{l}_{F02,1}(\lambda)$=22,90

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO80−1A_P50

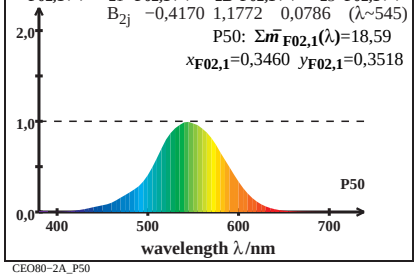
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

P50: $\Sigma\bar{m}_{F02,1}(\lambda)$=18,59

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO80−2A_P50

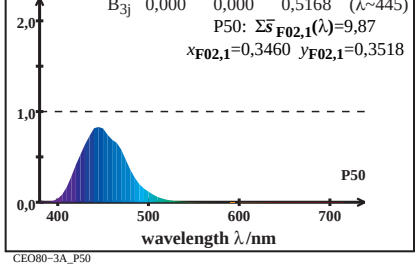
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

P50: $\Sigma\bar{s}_{F02,1}(\lambda)$=9,87

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO80−3A_P50

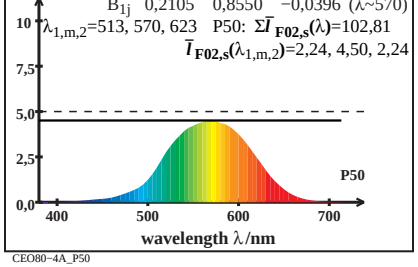
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=513, 570, 623 P50: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,81

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,24, 4,50, 2,24




CEO80−4A_P50

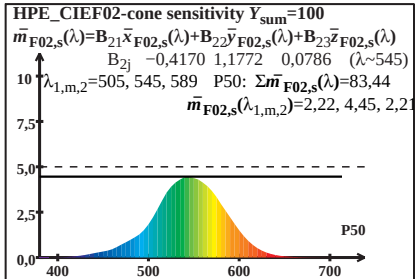
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=505, 545, 589 P50: $\Sigma\bar{m}_{F02,s}(\lambda)$=83,44

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,22, 4,45, 2,21




CEO80−5A_P50

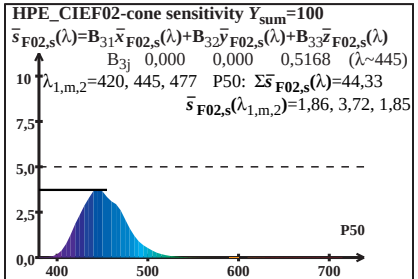
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=420, 445, 477 P50: $\Sigma\bar{s}_{F02,s}(\lambda)$=44,33

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=1,86, 3,72, 1,85




CEO80−6A_P50

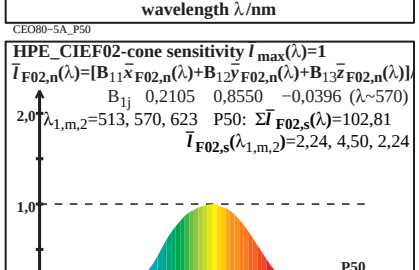
**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=513, 570, 623 P50: $\Sigma\bar{l}_{F02,s}(\lambda)$=102,81

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,24, 4,50, 2,24




CEO80−7A_P50

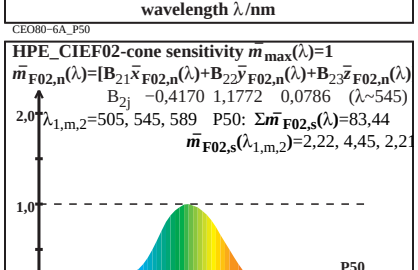
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=505, 545, 589 P50: $\Sigma\bar{m}_{F02,s}(\lambda)$=83,44

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,22, 4,45, 2,21




CEO80−8A_P50

CEO80−7N

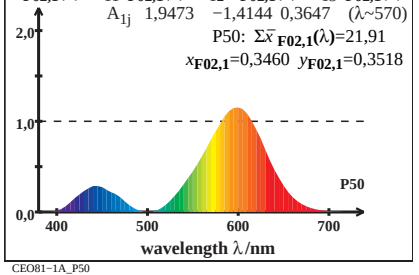
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P50: $\Sigma\bar{x}_{F02,1}(\lambda)$=21,91

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO81−1A_P50

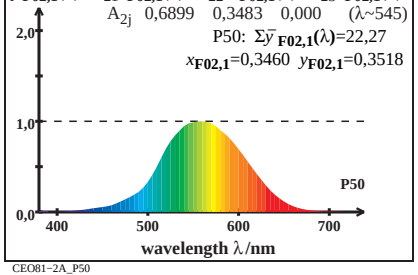
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P50: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,27

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO81−2A_P50

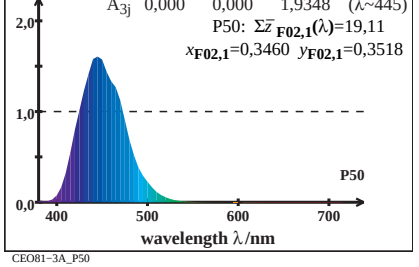
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P50: $\Sigma\bar{z}_{F02,1}(\lambda)$=19,11

$x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518




CEO81−3A_P50

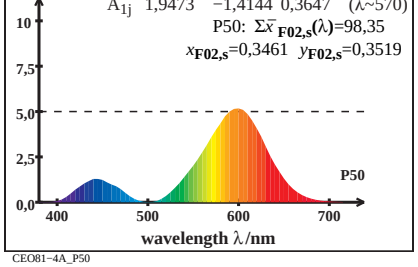
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P50: $\Sigma\bar{x}_{F02,s}(\lambda)$=98,35

$x_{F02,s}$=0,3461 $y_{F02,s}$=0,3519




CEO81−4A_P50

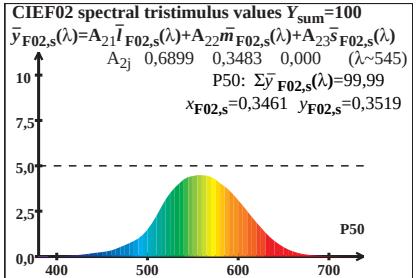
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P50: $\Sigma\bar{y}_{F02,s}(\lambda)$=99,99

$x_{F02,s}$=0,3461 $y_{F02,s}$=0,3519



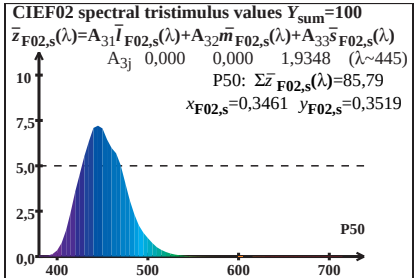

CEO81−5A_P50

**CIEF02 spectral tristimulus values $\bar{z}_{F02,s}(\lambda)=A_{31}\bar{l}_{F02,s}(\lambda)+A_{32}\bar{m}_{F02,s}(\lambda)+A_{33}\bar{s}_{F02,s}(\lambda)$**

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P50: $\Sigma\bar{z}_{F02,s}(\lambda)$=85,79

$x_{F02,s}$=0,3461 $y_{F02,s}$=0,3519




CEO81−6A_P50

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

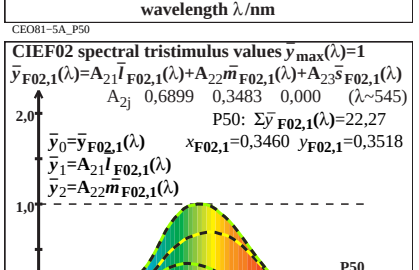
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P50: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,27

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518

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

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




CEO81−7A_P50

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P50: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,27

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3460 $y_{F02,1}$=0,3518

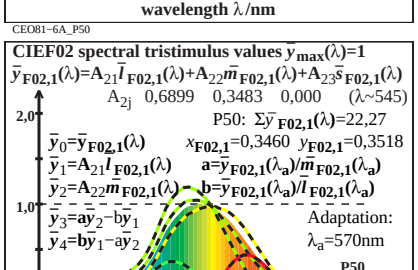
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
$\lambda_a$=570nm




CEO81−8A_P50

CEO81−7N

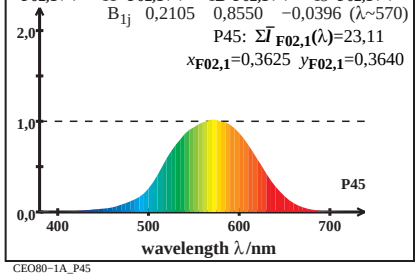
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

P45: $\Sigma\bar{l}_{F02,1}(\lambda)$=23,11

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO80−1A_P45

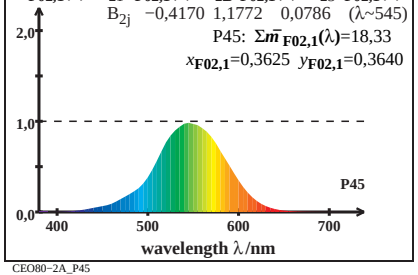
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

P45: $\Sigma\bar{m}_{F02,1}(\lambda)$=18,33

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO80−2A_P45

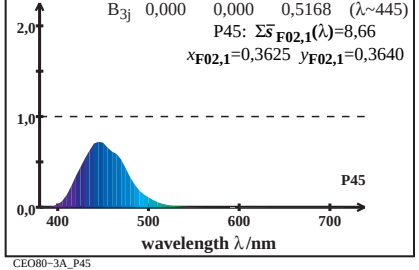
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

P45: $\Sigma\bar{s}_{F02,1}(\lambda)$=8,66

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO80−3A_P45

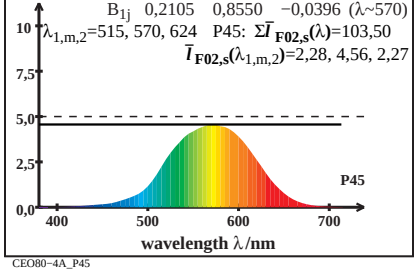
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 P45: $\Sigma\bar{l}_{F02,s}(\lambda)$=103,50

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,56, 2,27




CEO80−4A_P45

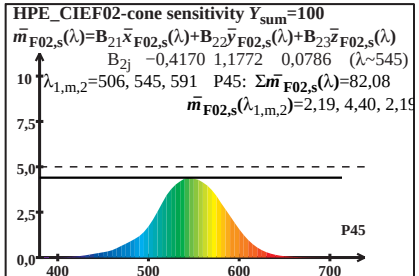
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=506, 545, 591 P45: $\Sigma\bar{m}_{F02,s}(\lambda)$=82,08

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,19, 4,40, 2,19




CEO80−5A_P45

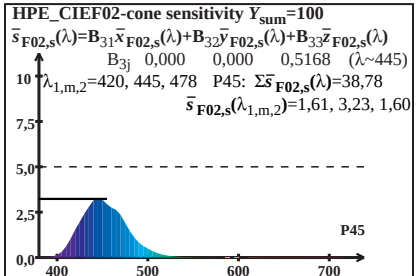
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=420, 445, 478 P45: $\Sigma\bar{s}_{F02,s}(\lambda)$=38,78

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=1,61, 3,23, 1,60




CEO80−6A_P45

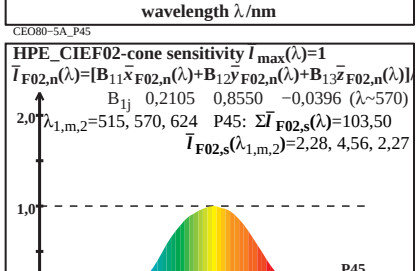
**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 P45: $\Sigma\bar{l}_{F02,s}(\lambda)$=103,50

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,28, 4,56, 2,27




CEO80−7A_P45

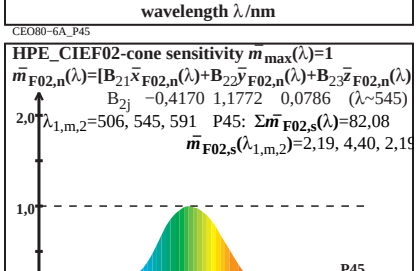
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=506, 545, 591 P45: $\Sigma\bar{m}_{F02,s}(\lambda)$=82,08

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,19, 4,40, 2,19




CEO80−8A_P45

CEO80−7N

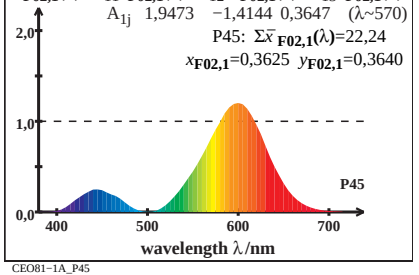
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P45: $\Sigma\bar{x}_{F02,1}(\lambda)$=22,24

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO81−1A_P45

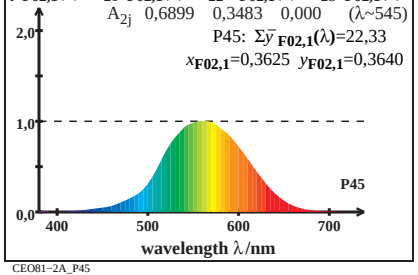
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P45: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,33

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO81−2A_P45

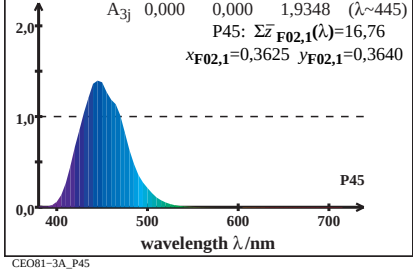
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P45: $\Sigma\bar{z}_{F02,1}(\lambda)$=16,76

$x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640




CEO81−3A_P45

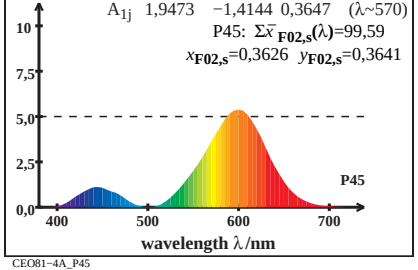
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P45: $\Sigma\bar{x}_{F02,s}(\lambda)$=99,59

$x_{F02,s}$=0,3626 $y_{F02,s}$=0,3641




CEO81−4A_P45

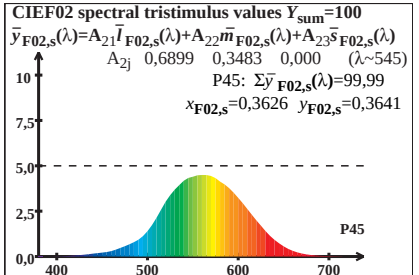
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P45: $\Sigma\bar{y}_{F02,s}(\lambda)$=99,99

$x_{F02,s}$=0,3626 $y_{F02,s}$=0,3641




CEO81−5A_P45

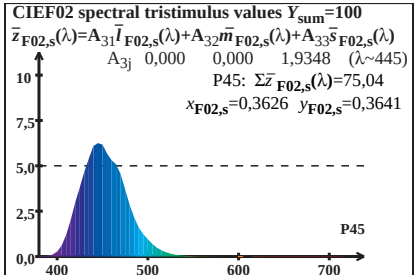
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P45: $\Sigma\bar{z}_{F02,s}(\lambda)$=75,04

$x_{F02,s}$=0,3626 $y_{F02,s}$=0,3641




CEO81−6A_P45

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

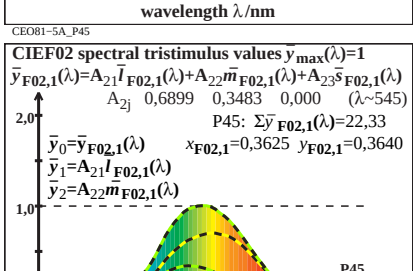
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P45: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,33

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640

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

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




CEO81−7A_P45

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P45: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,33

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,3625 $y_{F02,1}$=0,3640

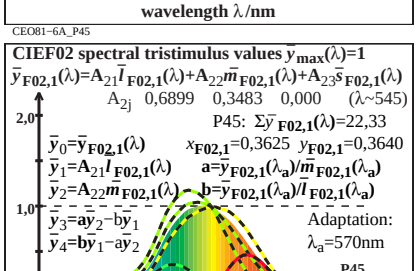
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation: $\lambda_a$=570nm




CEO81−8A_P45

CEO81−7N

TUB-test chart CEO8; XYZ-CIEF_02-degree colorimetry, CIE and R21 components of $\bar{y}(\lambda)$
Cone sensivity, transformation, and spectral tristimulus values for CIE illuminant P45, linear data

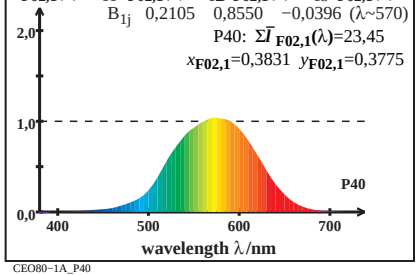
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{1j}$ 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




CEO80−1A_P40

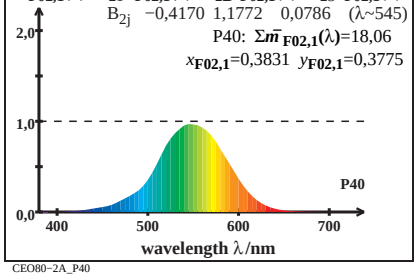
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{2j}$ −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




CEO80−2A_P40

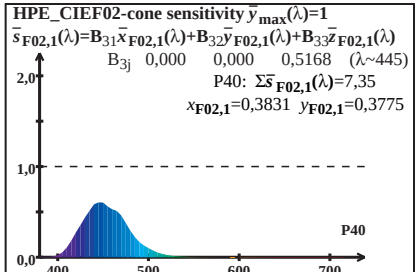
HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

$B_{3j}$ 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




CEO80−3A_P40

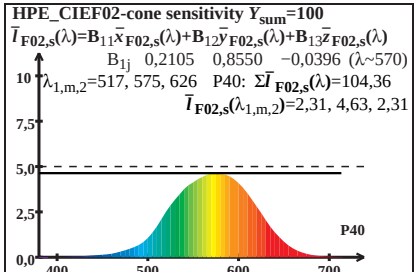
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{1j}$ 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




CEO80−4A_P40

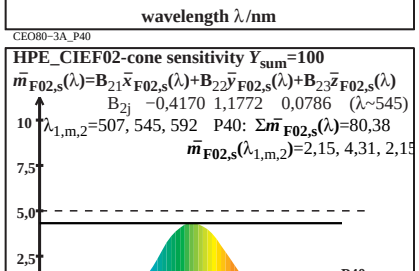
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{2j}$ −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




CEO80−5A_P40

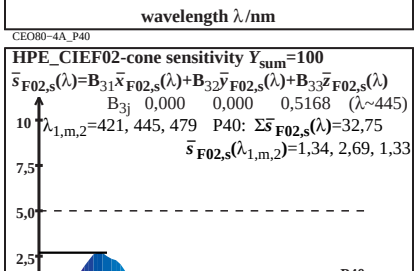
HPE_CIEF02-cone sensitivity $Y_{sum}$=100

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

$B_{3j}$ 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




CEO80−6A_P40

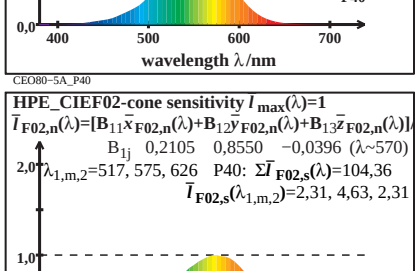
HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=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




CEO80−7A_P40

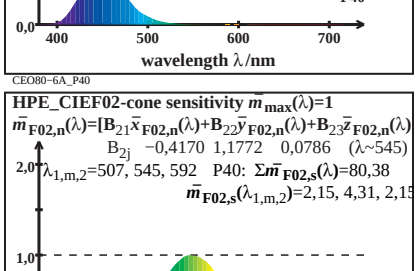
HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$

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

$B_{2j}$ −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




CEO80−8A_P40

CEO80−7N

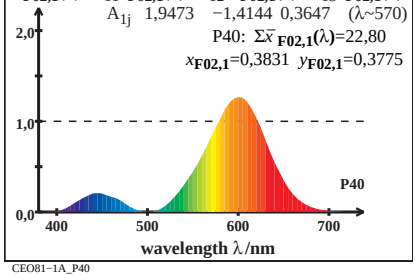
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{1j}$ 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




CEO81−1A_P40

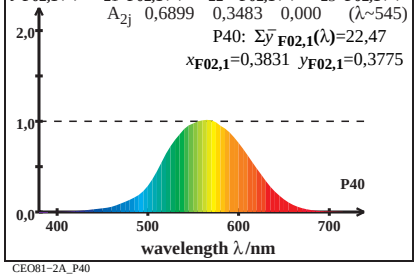
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{2j}$ 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




CEO81−2A_P40

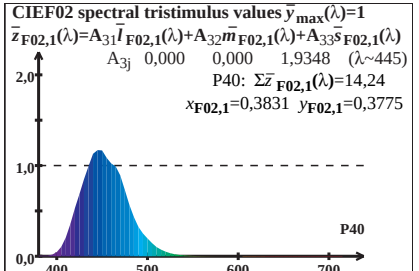
CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

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

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




CEO81−3A_P40

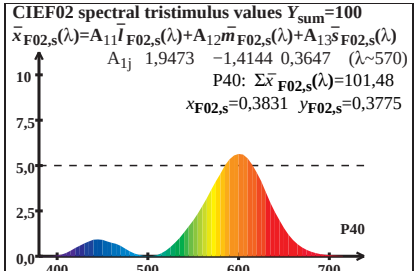
CIEF02 spectral tristimulus values $Y_{sum}$=100

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

$A_{1j}$ 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




CEO81−4A_P40

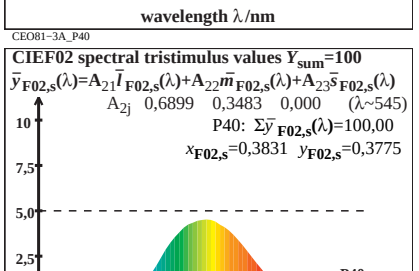
CIEF02 spectral tristimulus values $Y_{sum}$=100

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

$A_{2j}$ 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



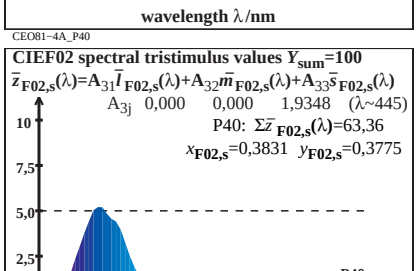

CEO81−5A_P40

CIEF02 spectral tristimulus values $\bar{z}_{F02,s}(\lambda)=A_{31}\bar{l}_{F02,s}(\lambda)+A_{32}\bar{m}_{F02,s}(\lambda)+A_{33}\bar{s}_{F02,s}(\lambda)$

$A_{3j}$ 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




CEO81−6A_P40

CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

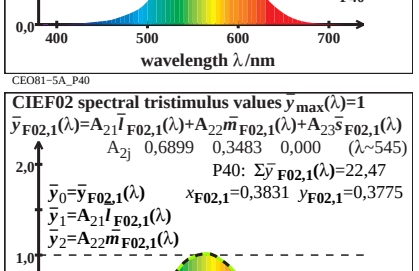
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

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

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

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




CEO81−7A_P40

CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

$A_{2j}$ 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

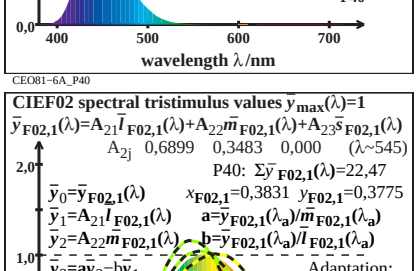
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

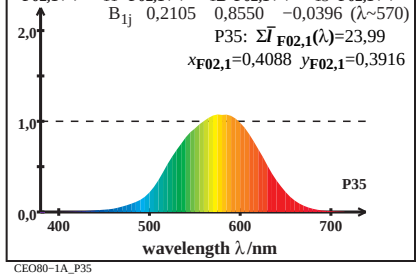
$\bar{y}_4=b\bar{y}_1-a\bar{y}_2$

Adaptation:
$\lambda_a$=570nm

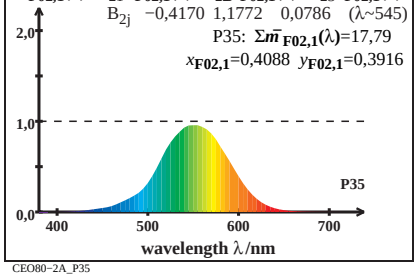



CEO81−8A_P40

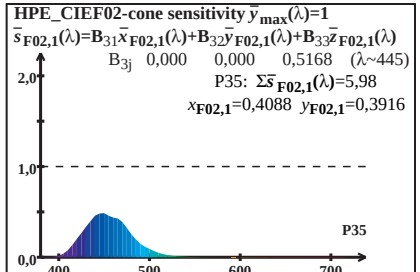
CEO81−7N

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{l}_{F02,1}(\lambda)=B_{11}\bar{x}_{F02,1}(\lambda)+B_{12}\bar{y}_{F02,1}(\lambda)+B_{13}\bar{z}_{F02,1}(\lambda)$
$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)
P35: $\Sigma\bar{l}_{F02,1}(\lambda)$=23,99
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


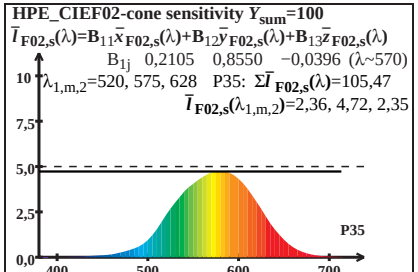
CEO80−1A_P35

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{m}_{F02,1}(\lambda)=B_{21}\bar{x}_{F02,1}(\lambda)+B_{22}\bar{y}_{F02,1}(\lambda)+B_{23}\bar{z}_{F02,1}(\lambda)$
$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)
P35: $\Sigma\bar{m}_{F02,1}(\lambda)$=17,79
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


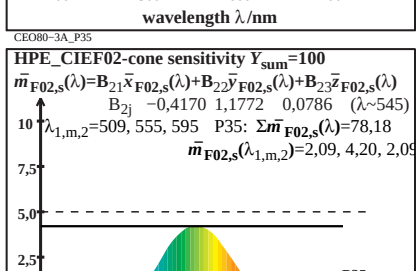
CEO80−2A_P35

**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**
$\bar{s}_{F02,1}(\lambda)=B_{31}\bar{x}_{F02,1}(\lambda)+B_{32}\bar{y}_{F02,1}(\lambda)+B_{33}\bar{z}_{F02,1}(\lambda)$
$B_{3j}$ 0,000 0,000 0,5168 (λ~445)
P35: $\Sigma\bar{s}_{F02,1}(\lambda)$=5,98
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


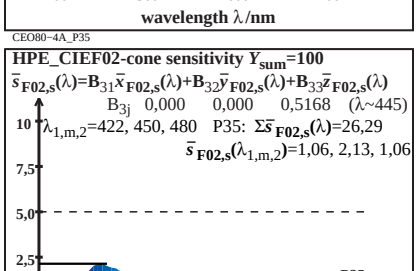
CEO80−3A_P35

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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)
$\lambda_{1,m,2}$=520, 575, 628 P35: $\Sigma\bar{l}_{F02,s}(\lambda)$=105,47
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,36, 4,72, 2,35


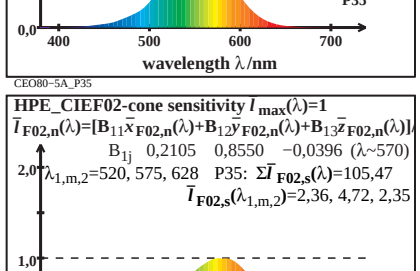
CEO80−4A_P35

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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)
$\lambda_{1,m,2}$=509, 555, 595 P35: $\Sigma\bar{m}_{F02,s}(\lambda)$=78,18
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,09, 4,20, 2,09


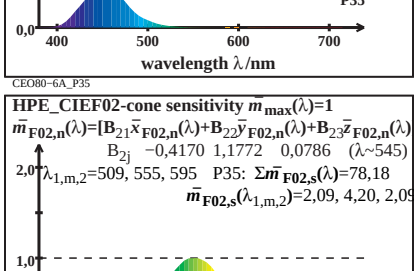
CEO80−5A_P35

**HPE_CIEF02-cone sensitivity $Y_{sum}$=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, 480 P35: $\Sigma\bar{s}_{F02,s}(\lambda)$=26,29
$\bar{s}_{F02,s}(\lambda_{1,m,2})$=1,06, 2,13, 1,06


CEO80−6A_P35

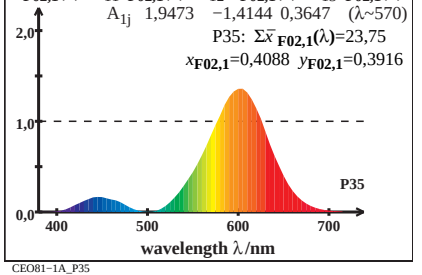
**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**
$\bar{l}_{F02,n}(\lambda)=[B_{11}\bar{x}_{F02,n}(\lambda)+B_{12}\bar{y}_{F02,n}(\lambda)+B_{13}\bar{z}_{F02,n}(\lambda)]/$
$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)
$\lambda_{1,m,2}$=520, 575, 628 P35: $\Sigma\bar{l}_{F02,s}(\lambda)$=105,47
$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,36, 4,72, 2,35


CEO80−7A_P35

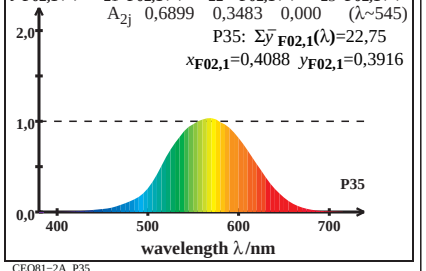
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**
$\bar{m}_{F02,n}(\lambda)=[B_{21}\bar{x}_{F02,n}(\lambda)+B_{22}\bar{y}_{F02,n}(\lambda)+B_{23}\bar{z}_{F02,n}(\lambda)]$
$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)
$\lambda_{1,m,2}$=509, 555, 595 P35: $\Sigma\bar{m}_{F02,s}(\lambda)$=78,18
$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,09, 4,20, 2,09


CEO80−8A_P35

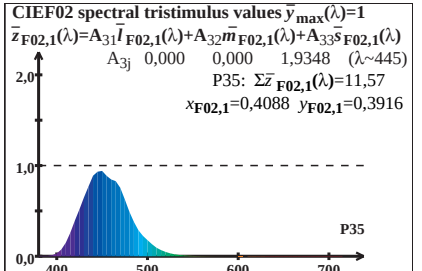
CEO80−7N

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{x}_{F02,1}(\lambda)=A_{11}\bar{l}_{F02,1}(\lambda)+A_{12}\bar{m}_{F02,1}(\lambda)+A_{13}\bar{s}_{F02,1}(\lambda)$
$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)
P35: $\Sigma\bar{x}_{F02,1}(\lambda)$=23,75
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


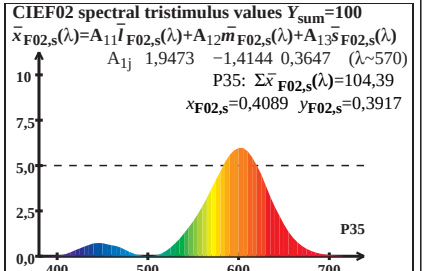
CEO81−1A_P35

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P35: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,75
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


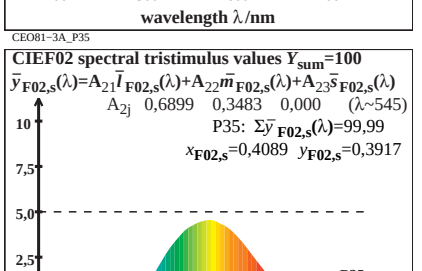
CEO81−2A_P35

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{z}_{F02,1}(\lambda)=A_{31}\bar{l}_{F02,1}(\lambda)+A_{32}\bar{m}_{F02,1}(\lambda)+A_{33}\bar{s}_{F02,1}(\lambda)$
$A_{3j}$ 0,000 0,000 1,9348 (λ~445)
P35: $\Sigma\bar{z}_{F02,1}(\lambda)$=11,57
$x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916


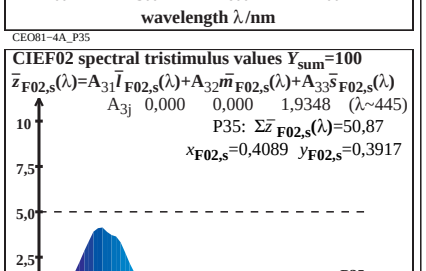
CEO81−3A_P35

**CIEF02 spectral tristimulus values $Y_{sum}$=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)
P35: $\Sigma\bar{x}_{F02,s}(\lambda)$=104,39
$x_{F02,s}$=0,4089 $y_{F02,s}$=0,3917


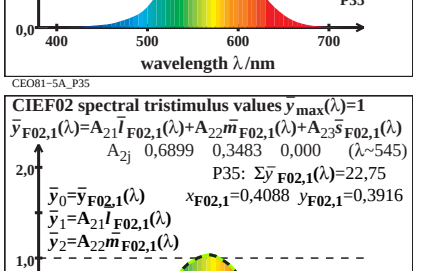
CEO81−4A_P35

**CIEF02 spectral tristimulus values $Y_{sum}$=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)
P35: $\Sigma\bar{y}_{F02,s}(\lambda)$=99,99
$x_{F02,s}$=0,4089 $y_{F02,s}$=0,3917


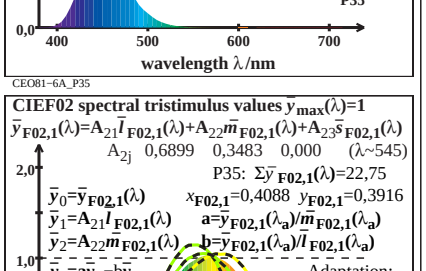
CEO81−5A_P35

**CIEF02 spectral tristimulus values $Y_{sum}$=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)
P35: $\Sigma\bar{z}_{F02,s}(\lambda)$=50,87
$x_{F02,s}$=0,4089 $y_{F02,s}$=0,3917


CEO81−6A_P35

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P35: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,75
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$


CEO81−7A_P35

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**
$\bar{y}_{F02,1}(\lambda)=A_{21}\bar{l}_{F02,1}(\lambda)+A_{22}\bar{m}_{F02,1}(\lambda)+A_{23}\bar{s}_{F02,1}(\lambda)$
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)
P35: $\Sigma\bar{y}_{F02,1}(\lambda)$=22,75
$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4088 $y_{F02,1}$=0,3916
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$
$\bar{y}_2=A_{22}\bar{m}_{F02,1}(\lambda)$ $b=\bar{y}_{F02,1}(\lambda_a)/\bar{l}_{F02,1}(\lambda_a)$
$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$
$\bar{y}_4=b\bar{y}_1-a\bar{y}_2$
Adaptation:
$\lambda_a$=570nm


CEO81−8A_P35

CEO81−7N

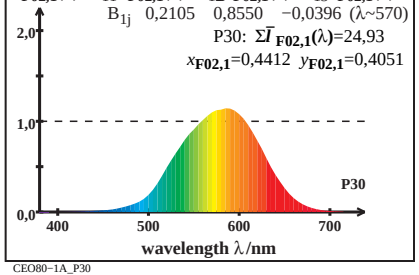
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

P30: $\Sigma\bar{l}_{F02,1}(\lambda)$=24,93

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO80−1A_P30

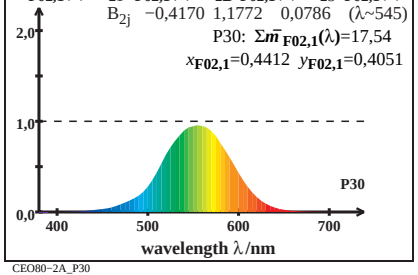
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

P30: $\Sigma\bar{m}_{F02,1}(\lambda)$=17,54

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO80−2A_P30

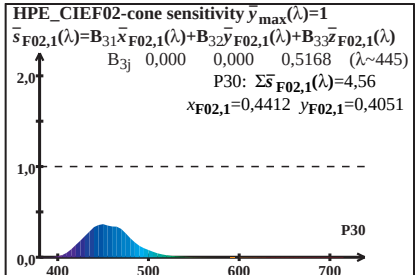
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

P30: $\Sigma\bar{s}_{F02,1}(\lambda)$=4,56

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO80−3A_P30

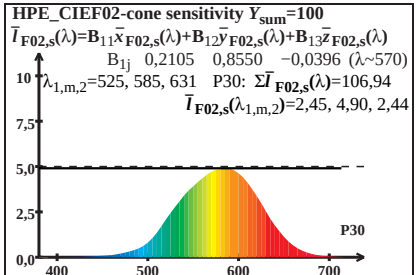
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=525, 585, 631 P30: $\Sigma\bar{l}_{F02,s}(\lambda)$=106,94

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,45, 4,90, 2,44




CEO80−4A_P30

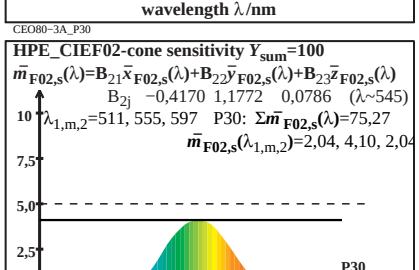
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=511, 555, 597 P30: $\Sigma\bar{m}_{F02,s}(\lambda)$=75,27

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,04, 4,10, 2,04




CEO80−5A_P30

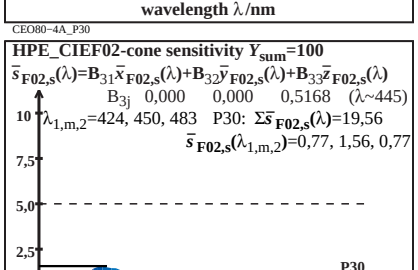
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=424, 450, 483 P30: $\Sigma\bar{s}_{F02,s}(\lambda)$=19,56

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=0,77, 1,56, 0,77




CEO80−6A_P30

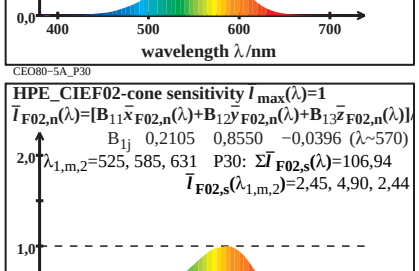
**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=525, 585, 631 P30: $\Sigma\bar{l}_{F02,s}(\lambda)$=106,94

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,45, 4,90, 2,44




CEO80−7A_P30

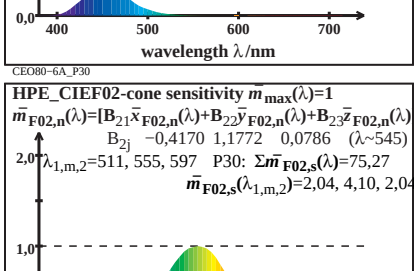
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=511, 555, 597 P30: $\Sigma\bar{m}_{F02,s}(\lambda)$=75,27

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=2,04, 4,10, 2,04




CEO80−8A_P30

CEO80−7N

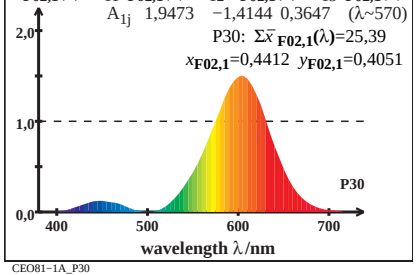
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P30: $\Sigma\bar{x}_{F02,1}(\lambda)$=25,39

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO81−1A_P30

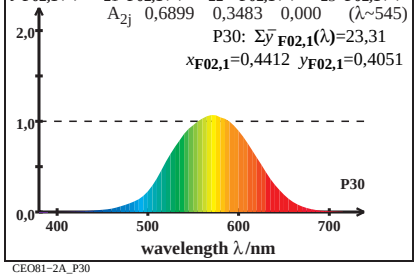
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P30: $\Sigma\bar{y}_{F02,1}(\lambda)$=23,31

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO81−2A_P30

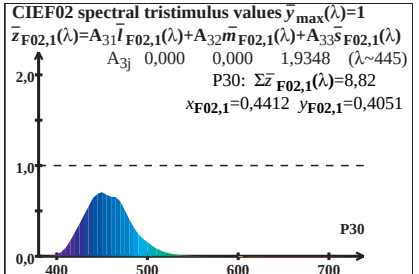
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P30: $\Sigma\bar{z}_{F02,1}(\lambda)$=8,82

$x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051




CEO81−3A_P30

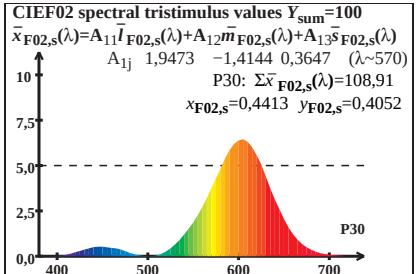
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P30: $\Sigma\bar{x}_{F02,s}(\lambda)$=108,91

$x_{F02,s}$=0,4413 $y_{F02,s}$=0,4052




CEO81−4A_P30

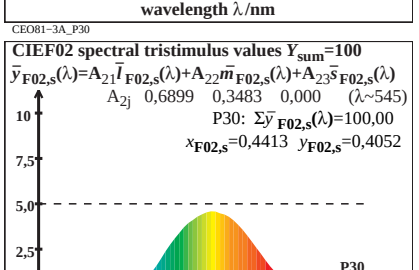
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P30: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00

$x_{F02,s}$=0,4413 $y_{F02,s}$=0,4052




CEO81−5A_P30

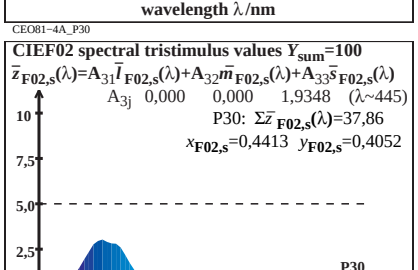
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P30: $\Sigma\bar{z}_{F02,s}(\lambda)$=37,86

$x_{F02,s}$=0,4413 $y_{F02,s}$=0,4052




CEO81−6A_P30

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

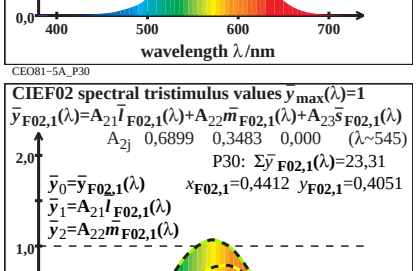
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P30: $\Sigma\bar{y}_{F02,1}(\lambda)$=23,31

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051

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

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




CEO81−7A_P30

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P30: $\Sigma\bar{y}_{F02,1}(\lambda)$=23,31

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4412 $y_{F02,1}$=0,4051

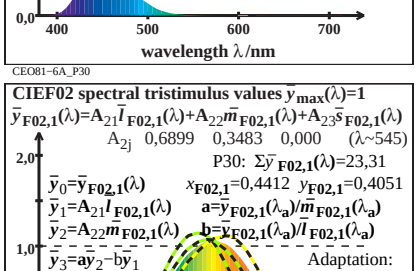
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
$\lambda_a$=570nm




CEO81−8A_P30

CEO81−7N

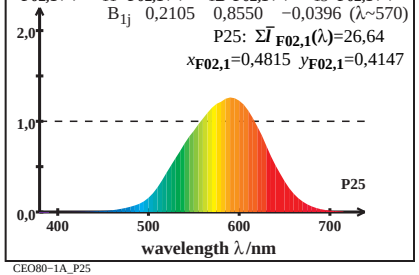
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

P25: $\Sigma\bar{l}_{F02,1}(\lambda)$=26,64

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO80−1A_P25

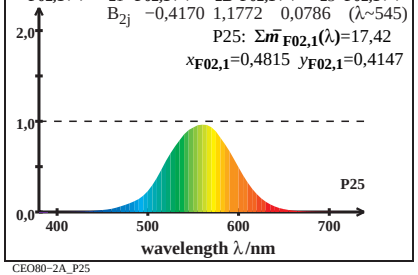
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

P25: $\Sigma\bar{m}_{F02,1}(\lambda)$=17,42

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO80−2A_P25

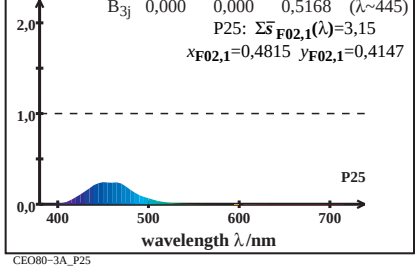
**HPE_CIEF02-cone sensitivity $\bar{y}_{max}(\lambda)=1$**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

P25: $\Sigma\bar{s}_{F02,1}(\lambda)$=3,15

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO80−3A_P25

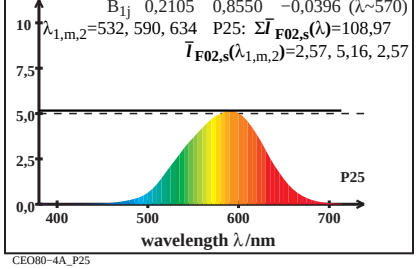
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 P25: $\Sigma\bar{l}_{F02,s}(\lambda)$=108,97

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,57, 5,16, 2,57




CEO80−4A_P25

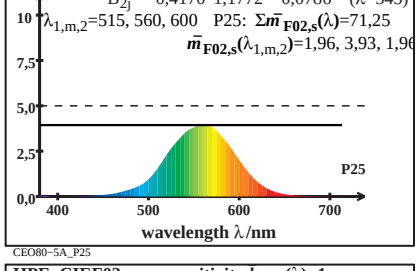
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=515, 560, 600 P25: $\Sigma\bar{m}_{F02,s}(\lambda)$=71,25

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=1,96, 3,93, 1,96




CEO80−5A_P25

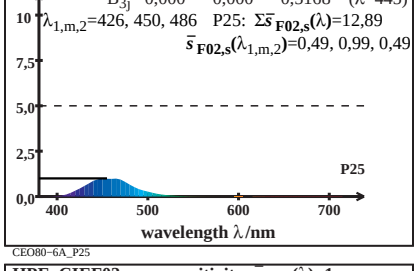
**HPE_CIEF02-cone sensitivity $Y_{sum}$=100**

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

$B_{3j}$ 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=426, 450, 486 P25: $\Sigma\bar{s}_{F02,s}(\lambda)$=12,89

$\bar{s}_{F02,s}(\lambda_{1,m,2})$=0,49, 0,99, 0,49




CEO80−6A_P25

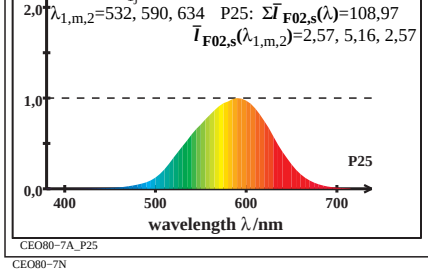
**HPE_CIEF02-cone sensitivity $\bar{l}_{max}(\lambda)=1$**

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

$B_{1j}$ 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 P25: $\Sigma\bar{l}_{F02,s}(\lambda)$=108,97

$\bar{l}_{F02,s}(\lambda_{1,m,2})$=2,57, 5,16, 2,57




CEO80−7A_P25

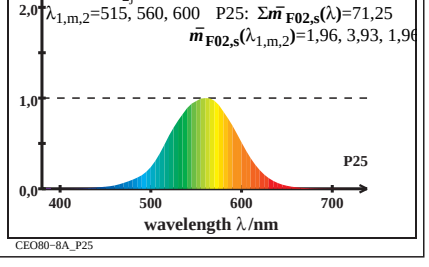
**HPE_CIEF02-cone sensitivity $\bar{m}_{max}(\lambda)=1$**

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

$B_{2j}$ −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=515, 560, 600 P25: $\Sigma\bar{m}_{F02,s}(\lambda)$=71,25

$\bar{m}_{F02,s}(\lambda_{1,m,2})$=1,96, 3,93, 1,96




CEO80−8A_P25

CEO80−7N

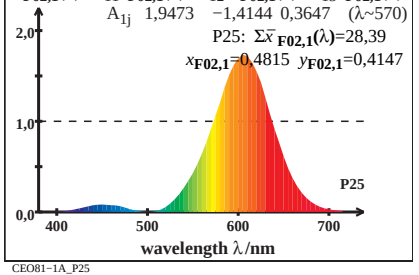
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P25: $\Sigma\bar{x}_{F02,1}(\lambda)$=28,39

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO81−1A_P25

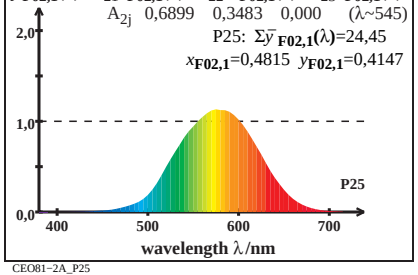
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P25: $\Sigma\bar{y}_{F02,1}(\lambda)$=24,45

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO81−2A_P25

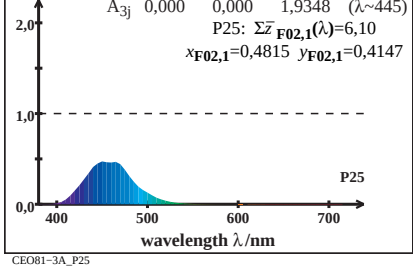
**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P25: $\Sigma\bar{z}_{F02,1}(\lambda)$=6,10

$x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147




CEO81−3A_P25

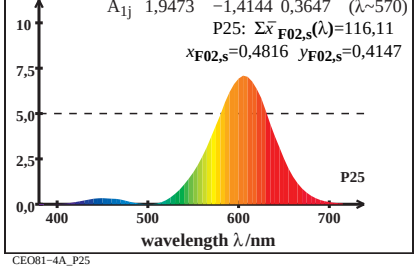
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{1j}$ 1,9473 −1,4144 0,3647 (λ~570)

P25: $\Sigma\bar{x}_{F02,s}(\lambda)$=116,11

$x_{F02,s}$=0,4816 $y_{F02,s}$=0,4147




CEO81−4A_P25

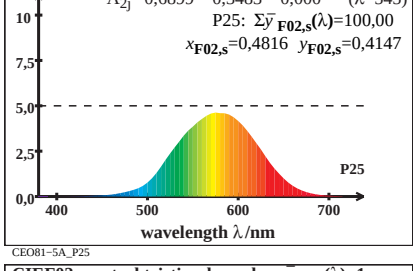
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P25: $\Sigma\bar{y}_{F02,s}(\lambda)$=100,00

$x_{F02,s}$=0,4816 $y_{F02,s}$=0,4147




CEO81−5A_P25

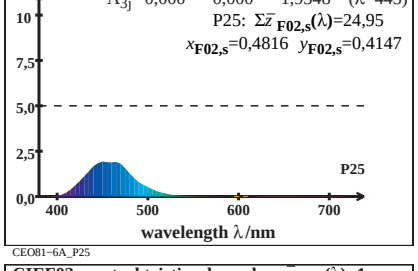
**CIEF02 spectral tristimulus values $Y_{sum}$=100**

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

$A_{3j}$ 0,000 0,000 1,9348 (λ~445)

P25: $\Sigma\bar{z}_{F02,s}(\lambda)$=24,95

$x_{F02,s}$=0,4816 $y_{F02,s}$=0,4147




CEO81−6A_P25

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

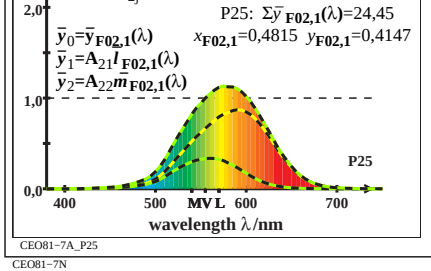
$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P25: $\Sigma\bar{y}_{F02,1}(\lambda)$=24,45

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147

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

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




CEO81−7A_P25

**CIEF02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$**

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

$A_{2j}$ 0,6899 0,3483 0,000 (λ~545)

P25: $\Sigma\bar{y}_{F02,1}(\lambda)$=24,45

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$ $x_{F02,1}$=0,4815 $y_{F02,1}$=0,4147

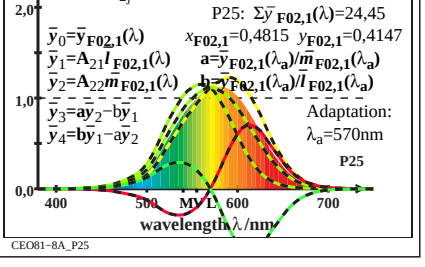
$\bar{y}_1=A_{21}\bar{l}_{F02,1}(\lambda)$ $a=\bar{y}_{F02,1}(\lambda_a)/\bar{m}_{F02,1}(\lambda_a)$

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

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

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

Adaptation:
$\lambda_a$=570nm




CEO81−8A_P25

CEO81−7N

TUB-test chart CEO8; XYZ-CIEF_02-degree colorimetry, CIE and R21 components of $\bar{y}(\lambda)$
Cone sensivity, transformation, and spectral tristimulus values for CIE illuminant P25, linear data