HPE_CIEF02_X cone sensitivity $\bar{y}_{max}(\lambda)=1$

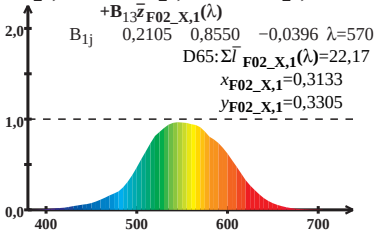
$\bar{l}_{F02_X,1}(\lambda)=B_{11}\bar{x}_{F02_X,1}(\lambda)+B_{12}\bar{y}_{F02_X,1}(\lambda)+B_{13}\bar{z}_{F02_X,1}(\lambda)$

B_{1j} 0,2105 0,8550 −0,0396 λ=570

D65: $\Sigma\bar{l}_{F02_X,1}(\lambda)$=22,17

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE440−1N_1

HPE_CIEF02_X cone sensitivity $\bar{y}_{max}(\lambda)=1$

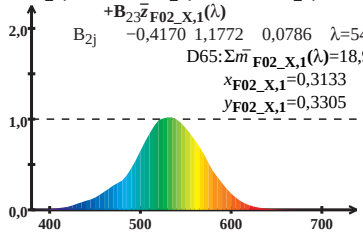
$\bar{m}_{F02_X,1}(\lambda)=B_{21}\bar{x}_{F02_X,1}(\lambda)+B_{22}\bar{y}_{F02_X,1}(\lambda)+B_{23}\bar{z}_{F02_X,1}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 λ=540

D65: $\Sigma\bar{m}_{F02_X,1}(\lambda)$=18,99

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE440−2N_1

CIEF02_X spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

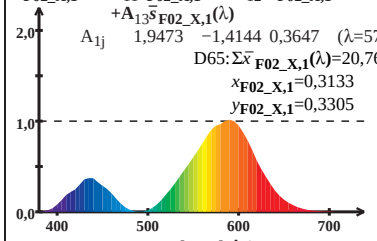
$\bar{x}_{F02_X,1}(\lambda)=A_{11}\bar{l}_{F02_X,1}(\lambda)+A_{12}\bar{m}_{F02_X,1}(\lambda)+A_{13}\bar{s}_{F02_X,1}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ=570)

D65: $\Sigma\bar{x}_{F02_X,1}(\lambda)$=20,76

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE441−1N_1

CIEF02_X spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

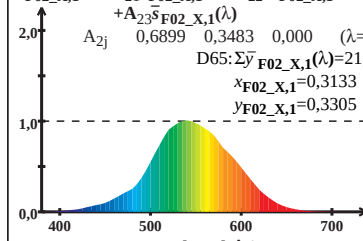
$\bar{y}_{F02_X,1}(\lambda)=A_{21}\bar{l}_{F02_X,1}(\lambda)+A_{22}\bar{m}_{F02_X,1}(\lambda)+A_{23}\bar{s}_{F02_X,1}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ=540)

D65: $\Sigma\bar{y}_{F02_X,1}(\lambda)$=21,91

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE441−2N_1

HPE_CIEF02_X cone sensitivity $\bar{y}_{max}(\lambda)=1$

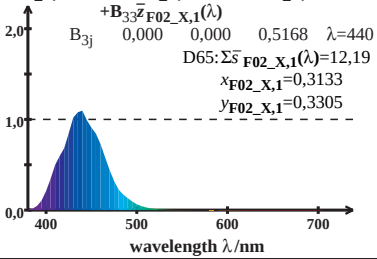
$\bar{s}_{F02_X,1}(\lambda)=B_{31}\bar{x}_{F02_X,1}(\lambda)+B_{32}\bar{y}_{F02_X,1}(\lambda)+B_{33}\bar{z}_{F02_X,1}(\lambda)$

B_{3j} 0,000 0,000 0,5168 λ=440

D65: $\Sigma\bar{s}_{F02_X,1}(\lambda)$=12,19

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE440−3N_1

HPE_CIEF02_X cone sensitivity $Y_{sum}=100$

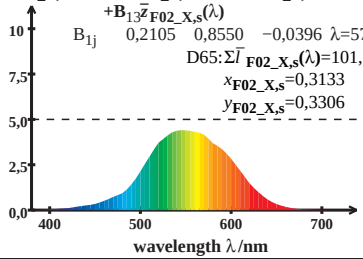
$\bar{l}_{F02_X,s}(\lambda)=B_{11}\bar{x}_{F02_X,s}(\lambda)+B_{12}\bar{y}_{F02_X,s}(\lambda)+B_{13}\bar{z}_{F02_X,s}(\lambda)$

B_{1j} 0,2105 0,8550 −0,0396 λ=570

D65: $\Sigma\bar{l}_{F02_X,s}(\lambda)$=101,19

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE440−4N_1

CIEF02_X spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

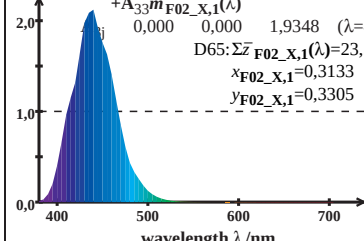
$\bar{z}_{F02_X,1}(\lambda)=A_{31}\bar{l}_{F02_X,1}(\lambda)+A_{32}\bar{m}_{F02_X,1}(\lambda)+A_{33}\bar{m}_{F02_X,1}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ=440)

D65: $\Sigma\bar{z}_{F02_X,1}(\lambda)$=23,59

$x_{F02_X,1}$=0,3133

$y_{F02_X,1}$=0,3305



BE441−3N_1

CIEF02_X spectral tristimulus values $Y_{sum}=100$

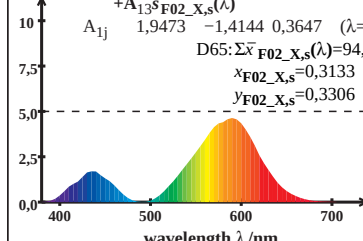
$\bar{x}_{F02_X,s}(\lambda)=A_{11}\bar{l}_{F02_X,s}(\lambda)+A_{12}\bar{m}_{F02_X,s}(\lambda)+A_{13}\bar{s}_{F02_X,s}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ=570)

D65: $\Sigma\bar{x}_{F02_X,s}(\lambda)$=94,77

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE441−4N_1

HPE_CIEF02_X cone sensitivity $Y_{sum}=100$

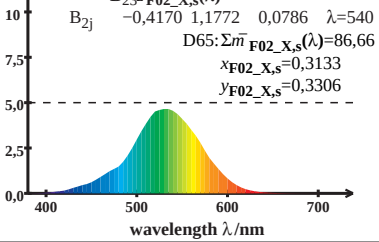
$\bar{m}_{F02_X,s}(\lambda)=B_{21}\bar{x}_{F02_X,s}(\lambda)+B_{22}\bar{y}_{F02_X,s}(\lambda)+B_{23}\bar{z}_{F02_X,s}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 λ=540

D65: $\Sigma\bar{m}_{F02_X,s}(\lambda)$=86,66

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE440−5N_1

HPE_CIEF02_X cone sensitivity $Y_{sum}=100$

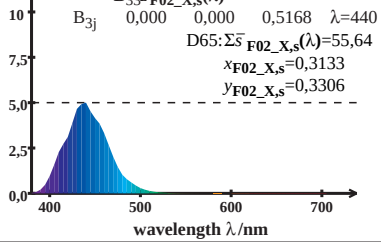
$\bar{s}_{F02_X,s}(\lambda)=B_{31}\bar{x}_{F02_X,s}(\lambda)+B_{32}\bar{y}_{F02_X,s}(\lambda)+B_{33}\bar{z}_{F02_X,s}(\lambda)$

B_{3j} 0,000 0,000 0,5168 λ=440

D65: $\Sigma\bar{s}_{F02_X,s}(\lambda)$=55,64

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE440−6N_1

CIEF02_X spectral tristimulus values $Y_{sum}=100$

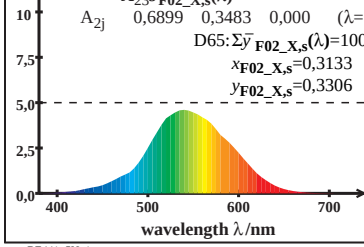
$\bar{y}_{F02_X,s}(\lambda)=A_{21}\bar{l}_{F02_X,s}(\lambda)+A_{22}\bar{m}_{F02_X,s}(\lambda)+A_{23}\bar{s}_{F02_X,s}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ=540)

D65: $\Sigma\bar{y}_{F02_X,s}(\lambda)$=100,00

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE441−5N_1

CIEF02_X spectral tristimulus values $Y_{sum}=100$

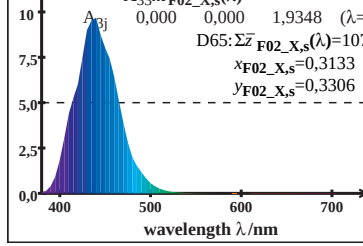
$\bar{z}_{F02_X,s}(\lambda)=A_{31}\bar{l}_{F02_X,s}(\lambda)+A_{32}\bar{m}_{F02_X,s}(\lambda)+A_{33}\bar{m}_{F02_X,s}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ=440)

D65: $\Sigma\bar{z}_{F02_X,s}(\lambda)$=107,66

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE441−6N_1

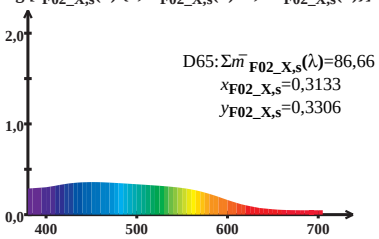
HPE_CIEF02_X cone excitation

$\log[\bar{l}_{F02_X,s}(\lambda)/\{0{,}5\bar{l}_{F02_X,s}(\lambda)+0{,}5\bar{m}_{F02_X,s}(\lambda)\}]$

D65: $\Sigma\bar{m}_{F02_X,s}(\lambda)$=86,66

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE440−7N_1

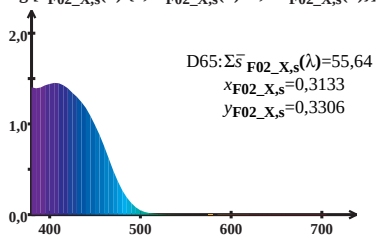
HPE_CIEF02_X cone excitation

$\log[\bar{s}_{F02_X,s}(\lambda)/\{0{,}5\bar{l}_{F02_X,s}(\lambda)+0{,}5\bar{m}_{F02_X,s}(\lambda)\}]$

D65: $\Sigma\bar{s}_{F02_X,s}(\lambda)$=55,64

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE440−8N_1

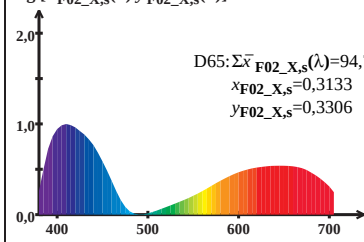
CIEF02_X spectral tristimulus value excitation

$\log[\bar{x}_{F02_X,s}(\lambda)/\bar{y}_{F02_X,s}(\lambda)]$

D65: $\Sigma\bar{x}_{F02_X,s}(\lambda)$=94,77

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE441−7N_1

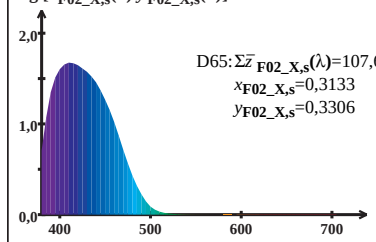
CIEF02_X spectral tristimulus value excitation

$\log[\bar{z}_{F02_X,s}(\lambda)/\bar{y}_{F02_X,s}(\lambda)]$

D65: $\Sigma\bar{z}_{F02_X,s}(\lambda)$=107,66

$x_{F02_X,s}$=0,3133

$y_{F02_X,s}$=0,3306



BE441−8N_1