HPE_CIE02 cone sensitivity $\bar{y}_{max}(\lambda)=1$

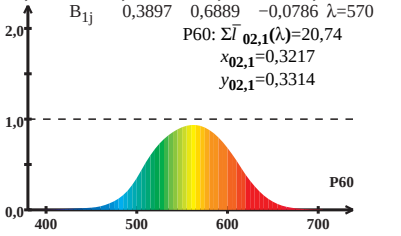
$\bar{l}_{02,1}(\lambda)=B_{11}\bar{x}_{02,1}(\lambda)+B_{12}\bar{y}_{02,1}(\lambda)+B_{13}\bar{z}_{02,1}(\lambda)$

B_{1j} 0,3897 0,6889 −0,0786 λ=570

P60: $\Sigma\bar{l}_{02,1}(\lambda)=20{,}74$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE410−1N_1

HPE_CIE02 cone sensitivity $\bar{y}_{max}(\lambda)=1$

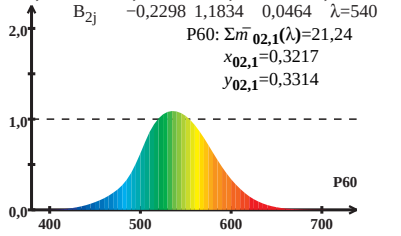
$\bar{m}_{02,1}(\lambda)=B_{21}\bar{x}_{02,1}(\lambda)+B_{22}\bar{y}_{02,1}(\lambda)+B_{23}\bar{z}_{02,1}(\lambda)$

B_{2j} −0,2298 1,1834 0,0464 λ=540

P60: $\Sigma\bar{m}_{02,1}(\lambda)=21{,}24$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE410−2N_1

CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

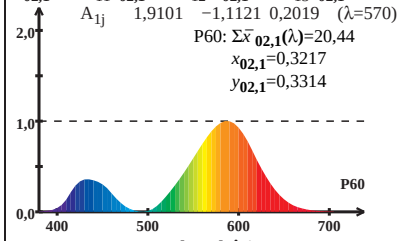
$\bar{x}_{02,1}(\lambda)=A_{11}\bar{l}_{02,1}(\lambda)+A_{12}\bar{m}_{02,1}(\lambda)+A_{13}\bar{s}_{02,1}(\lambda)$

A_{1j} 1,9101 −1,1121 0,2019 (λ=570)

P60: $\Sigma\bar{x}_{02,1}(\lambda)=20{,}44$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE411−1N_1

CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

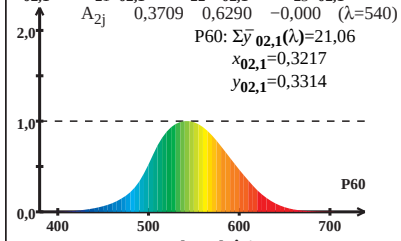
$\bar{y}_{02,1}(\lambda)=A_{21}\bar{l}_{02,1}(\lambda)+A_{22}\bar{m}_{02,1}(\lambda)+A_{23}\bar{s}_{02,1}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ=540)

P60: $\Sigma\bar{y}_{02,1}(\lambda)=21{,}06$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE411−2N_1

HPE_CIE02 cone sensitivity $\bar{y}_{max}(\lambda)=1$

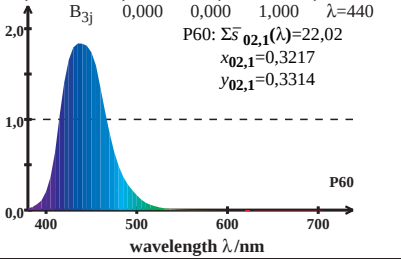
$\bar{s}_{02,1}(\lambda)=B_{31}\bar{x}_{02,1}(\lambda)+B_{32}\bar{y}_{02,1}(\lambda)+B_{33}\bar{z}_{02,1}(\lambda)$

B_{3j} 0,000 0,000 1,000 λ=440

P60: $\Sigma\bar{s}_{02,1}(\lambda)=22{,}02$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE410−3N_1

HPE_CIE02 cone sensitivity $Y_{sum}=100$

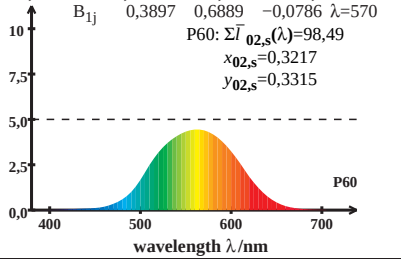
$\bar{l}_{02,s}(\lambda)=B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)$

B_{1j} 0,3897 0,6889 −0,0786 λ=570

P60: $\Sigma\bar{l}_{02,s}(\lambda)=98{,}49$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE410−4N_1

CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

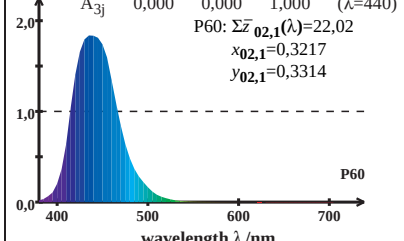
$\bar{z}_{02,1}(\lambda)=A_{31}\bar{l}_{02,1}(\lambda)+A_{32}\bar{m}_{02,1}(\lambda)+A_{33}\bar{m}_{02,1}(\lambda)$

A_{3j} 0,000 0,000 1,000 (λ=440)

P60: $\Sigma\bar{z}_{02,1}(\lambda)=22{,}02$

$x_{02,1}=0{,}3217$

$y_{02,1}=0{,}3314$



CE411−3N_1

CIE02 spectral tristimulus values $Y_{sum}=100$

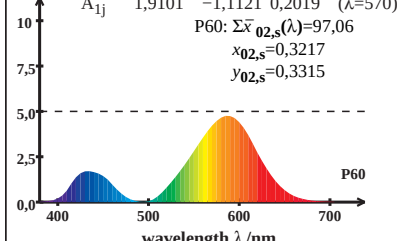
$\bar{x}_{02,s}(\lambda)=A_{11}\bar{l}_{02,s}(\lambda)+A_{12}\bar{m}_{02,s}(\lambda)+A_{13}\bar{s}_{02,s}(\lambda)$

A_{1j} 1,9101 −1,1121 0,2019 (λ=570)

P60: $\Sigma\bar{x}_{02,s}(\lambda)=97{,}06$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE411−4N_1

HPE_CIE02 cone sensitivity $Y_{sum}=100$

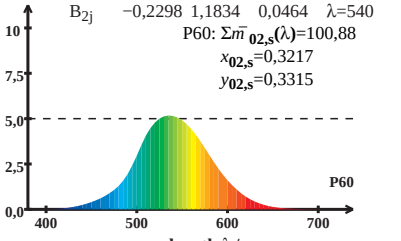
$\bar{m}_{02,s}(\lambda)=B_{21}\bar{x}_{02,s}(\lambda)+B_{22}\bar{y}_{02,s}(\lambda)+B_{23}\bar{z}_{02,s}(\lambda)$

B_{2j} −0,2298 1,1834 0,0464 λ=540

P60: $\Sigma\bar{m}_{02,s}(\lambda)=100{,}88$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE410−5N_1

HPE_CIE02 cone sensitivity $Y_{sum}=100$

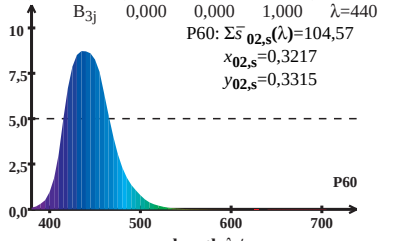
$\bar{s}_{02,s}(\lambda)=B_{31}\bar{x}_{02,s}(\lambda)+B_{32}\bar{y}_{02,s}(\lambda)+B_{33}\bar{z}_{02,s}(\lambda)$

B_{3j} 0,000 0,000 1,000 λ=440

P60: $\Sigma\bar{s}_{02,s}(\lambda)=104{,}57$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE410−6N_1

CIE02 spectral tristimulus values $Y_{sum}=100$

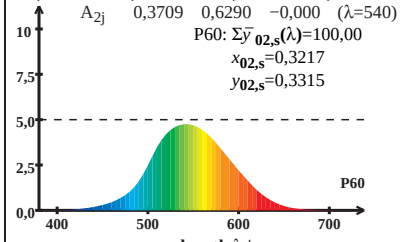
$\bar{y}_{02,s}(\lambda)=A_{21}\bar{l}_{02,s}(\lambda)+A_{22}\bar{m}_{02,s}(\lambda)+A_{23}\bar{s}_{02,s}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ=540)

P60: $\Sigma\bar{y}_{02,s}(\lambda)=100{,}00$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE411−5N_1

CIE02 spectral tristimulus values $Y_{sum}=100$

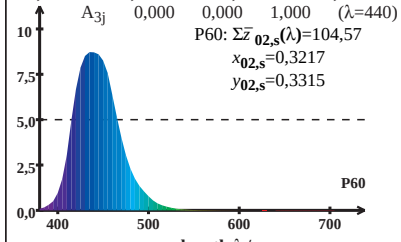
$\bar{z}_{02,s}(\lambda)=A_{31}\bar{l}_{02,s}(\lambda)+A_{32}\bar{m}_{02,s}(\lambda)+A_{33}\bar{m}_{02,s}(\lambda)$

A_{3j} 0,000 0,000 1,000 (λ=440)

P60: $\Sigma\bar{z}_{02,s}(\lambda)=104{,}57$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE411−6N_1

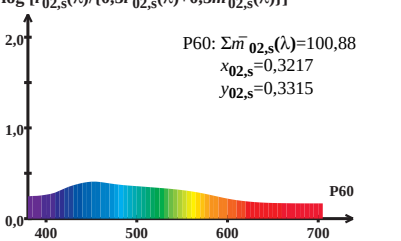
HPE_CIE02 cone excitation

$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$

P60: $\Sigma\bar{m}_{02,s}(\lambda)=100{,}88$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE410−7N_1

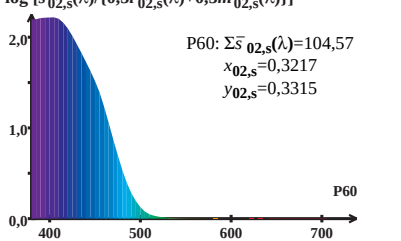
HPE_CIE02 cone excitation

$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$

P60: $\Sigma\bar{s}_{02,s}(\lambda)=104{,}57$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE410−8N_1

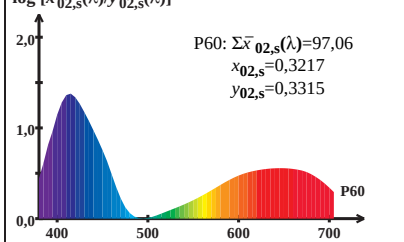
CIE02 spectral tristimulus value excitation

$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$

P60: $\Sigma\bar{x}_{02,s}(\lambda)=97{,}06$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE411−7N_1

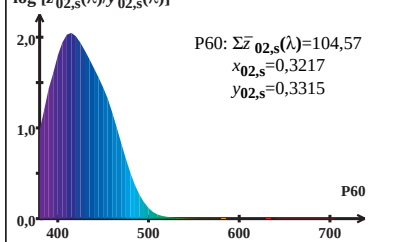
CIE02 spectral tristimulus value excitation

$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$

P60: $\Sigma\bar{z}_{02,s}(\lambda)=104{,}57$

$x_{02,s}=0{,}3217$

$y_{02,s}=0{,}3315$



CE411−8N_1

CE410−7N