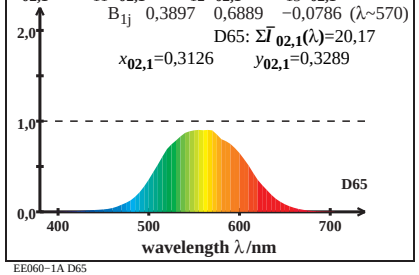
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

D65: $\Sigma\bar{l}_{02,1}(\lambda)=20,17$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE060−1A D65

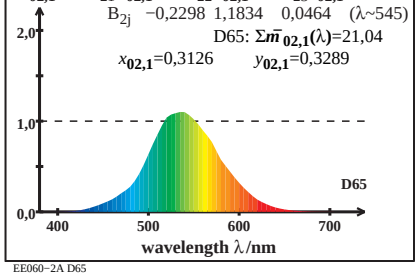
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

D65: $\Sigma\bar{m}_{02,1}(\lambda)=21,04$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE060−2A D65

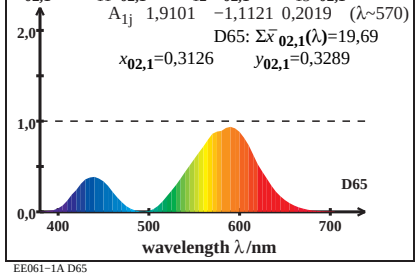
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

D65: $\Sigma\bar{x}_{02,1}(\lambda)=19,69$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE061−1A D65

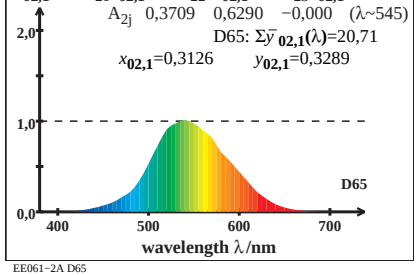
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

D65: $\Sigma\bar{y}_{02,1}(\lambda)=20,71$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE061−2A D65

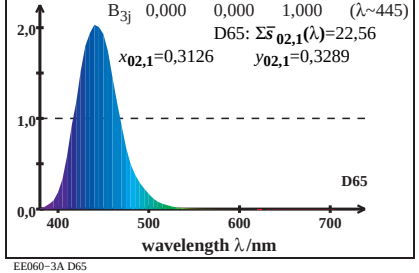
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

D65: $\Sigma\bar{s}_{02,1}(\lambda)=22,56$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE060−3A D65

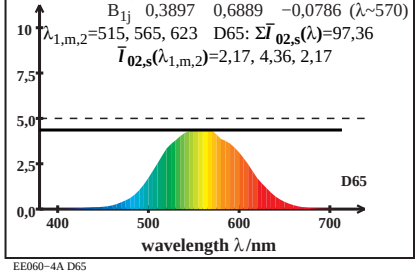
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 565, 623 D65: $\Sigma\bar{l}_{02,s}(\lambda)=97,36$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,17, 4,36, 2,17



EE060−4A D65

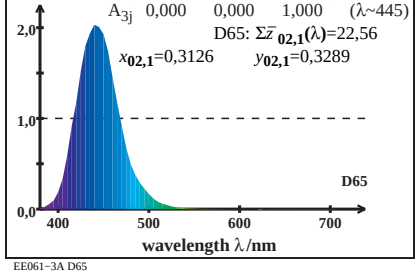
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

D65: $\Sigma\bar{z}_{02,1}(\lambda)=22,56$

$x_{02,1}=0,3126$ $y_{02,1}=0,3289$



EE061−3A D65

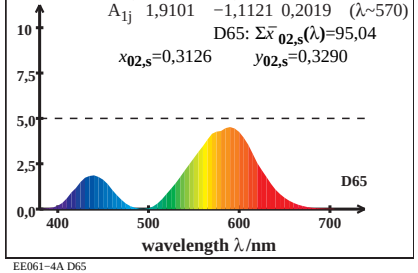
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

D65: $\Sigma\bar{x}_{02,s}(\lambda)=95,04$

$x_{02,s}=0,3126$ $y_{02,s}=0,3290$



EE061−4A D65

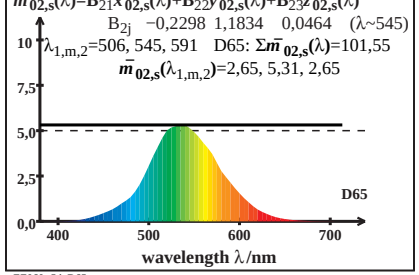
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=506, 545, 591 D65: $\Sigma\bar{m}_{02,s}(\lambda)=101,55$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,65, 5,31, 2,65



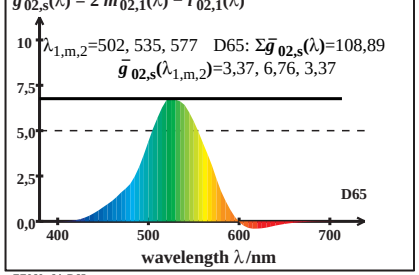
EE060−5A D65

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=502, 535, 577 D65: $\Sigma\bar{g}_{02,s}(\lambda)=108,89$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,37, 6,76, 3,37



EE060−6A D65

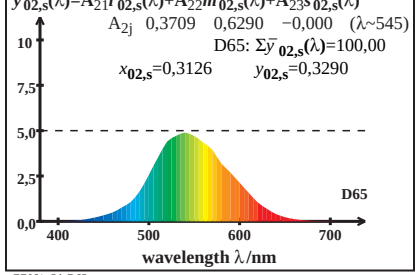
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

D65: $\Sigma\bar{y}_{02,s}(\lambda)=100,00$

$x_{02,s}=0,3126$ $y_{02,s}=0,3290$



EE061−5A D65

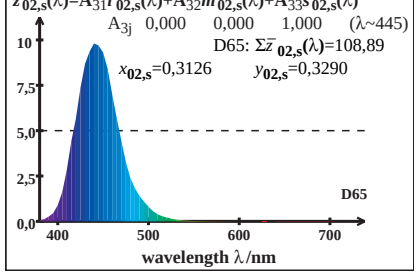
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

D65: $\Sigma\bar{z}_{02,s}(\lambda)=108,89$

$x_{02,s}=0,3126$ $y_{02,s}=0,3290$



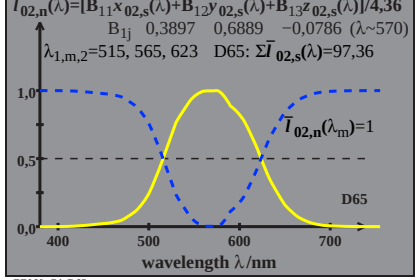
EE061−6A D65

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,36$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 565, 623 D65: $\Sigma\bar{l}_{02,s}(\lambda)=97,36$

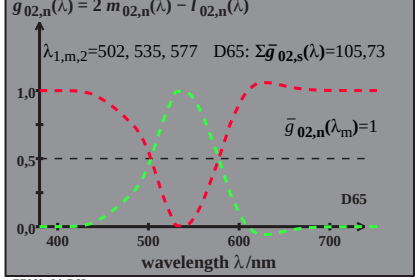


EE060−7A D65

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=502, 535, 577 D65: $\Sigma\bar{g}_{02,s}(\lambda)=105,73$



EE060−8A D65

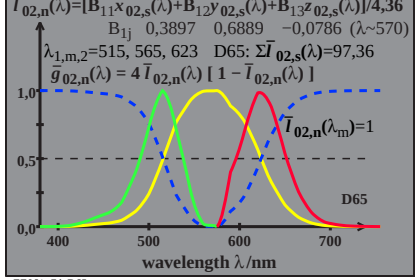
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,36$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 565, 623 D65: $\Sigma\bar{l}_{02,s}(\lambda)=97,36$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



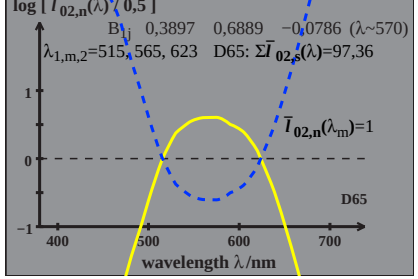
EE061−7A D65

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 565, 623 D65: $\Sigma\bar{l}_{02,s}(\lambda)=97,36$



EE061−8A D65

EE060−7R D65

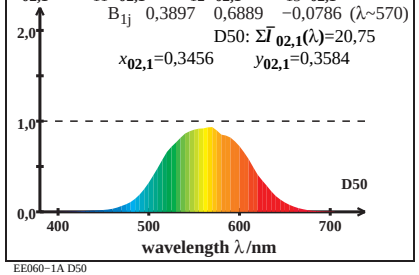
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

D50: $\Sigma\bar{l}_{02,1}(\lambda)=20,75$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE060−1A D50

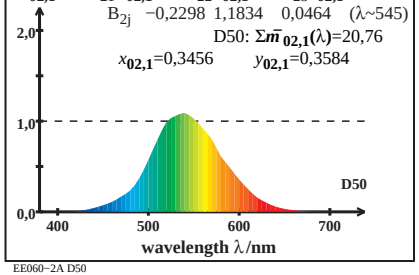
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

D50: $\Sigma\bar{m}_{02,1}(\lambda)=20,76$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE060−2A D50

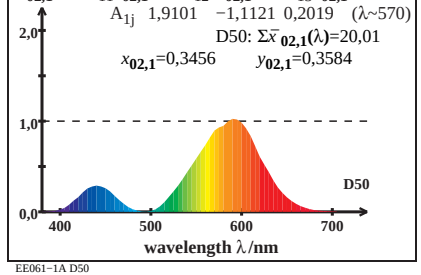
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

D50: $\Sigma\bar{x}_{02,1}(\lambda)=20,01$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE061−1A D50

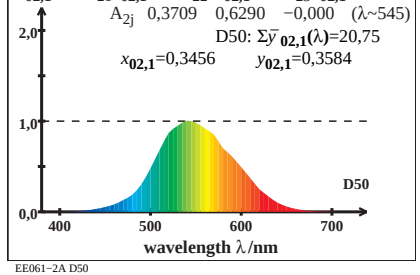
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

D50: $\Sigma\bar{y}_{02,1}(\lambda)=20,75$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE061−2A D50

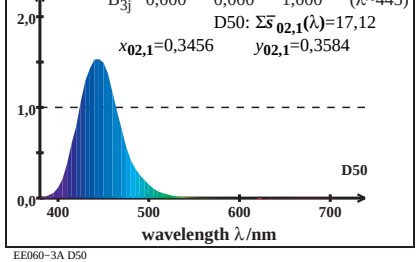
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

D50: $\Sigma\bar{s}_{02,1}(\lambda)=17,12$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE060−3A D50

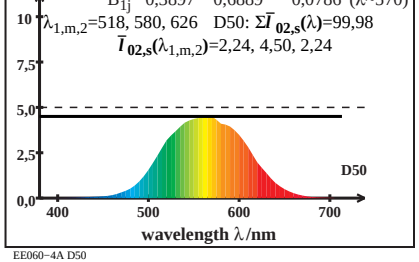
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 580, 626 D50: $\Sigma\bar{l}_{02,s}(\lambda)=99,98$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,24, 4,50, 2,24



EE060−4A D50

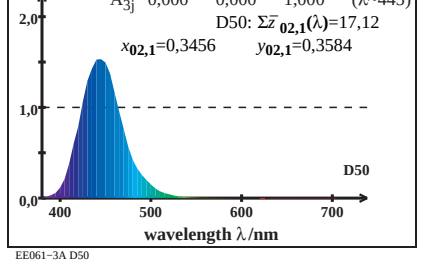
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

D50: $\Sigma\bar{z}_{02,1}(\lambda)=17,12$

$x_{02,1}=0,3456$ $y_{02,1}=0,3584$



EE061−3A D50

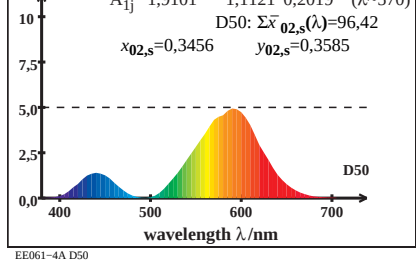
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

D50: $\Sigma\bar{x}_{02,s}(\lambda)=96,42$

$x_{02,s}=0,3456$ $y_{02,s}=0,3585$



EE061−4A D50

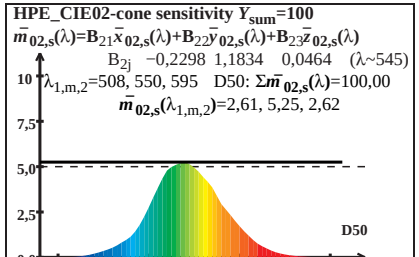
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=508, 550, 595 D50: $\Sigma\bar{m}_{02,s}(\lambda)=100,00$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,61, 5,25, 2,62



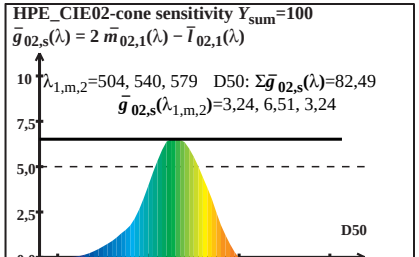
EE060−5A D50

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=504, 540, 579 D50: $\Sigma\bar{g}_{02,s}(\lambda)=82,49$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,24, 6,51, 3,24



EE060−6A D50

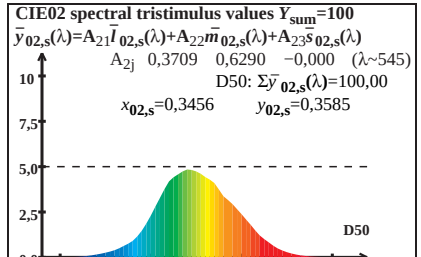
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

D50: $\Sigma\bar{y}_{02,s}(\lambda)=100,00$

$x_{02,s}=0,3456$ $y_{02,s}=0,3585$



EE061−5A D50

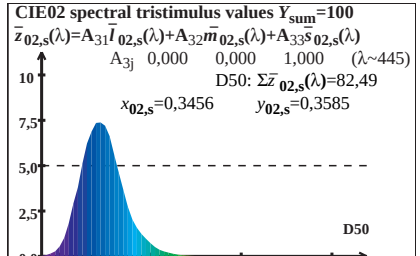
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

D50: $\Sigma\bar{z}_{02,s}(\lambda)=82,49$

$x_{02,s}=0,3456$ $y_{02,s}=0,3585$



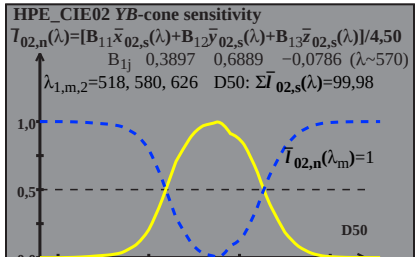
EE061−6A D50

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,50$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 580, 626 D50: $\Sigma\bar{l}_{02,s}(\lambda)=99,98$



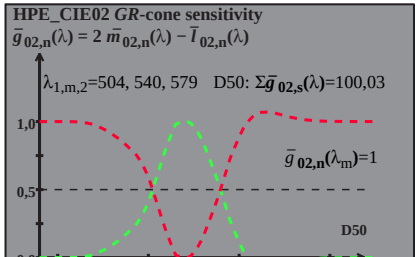
EE060−7A D50

EE060−7R D50

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=504, 540, 579 D50: $\Sigma\bar{g}_{02,s}(\lambda)=100,03$



EE060−8A D50

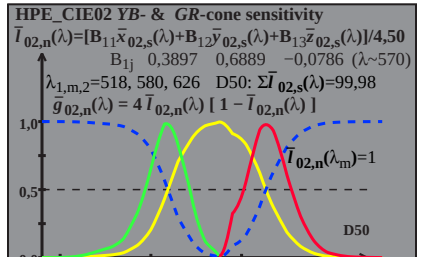
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,50$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 580, 626 D50: $\Sigma\bar{l}_{02,s}(\lambda)=99,98$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



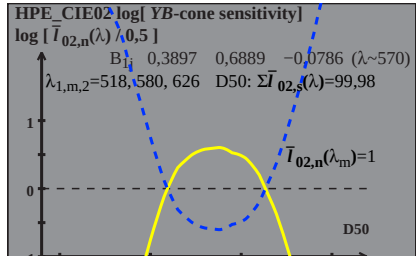
EE061−7A D50

HPE_CIE02 log[*YB*-cone sensitivity]

$\log[\,\bar{l}_{02,n}(\lambda)\,\lambda 0,5\,]$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 580, 626 D50: $\Sigma\bar{l}_{02,s}(\lambda)=99,98$



EE061−8A D50

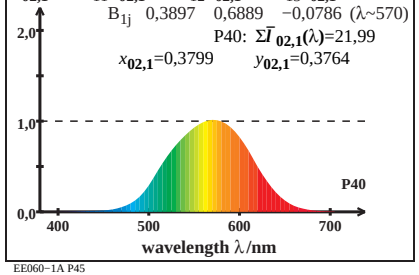
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

P40: $\Sigma\bar{l}_{02,1}(\lambda)=21{,}99$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE060−1A P45

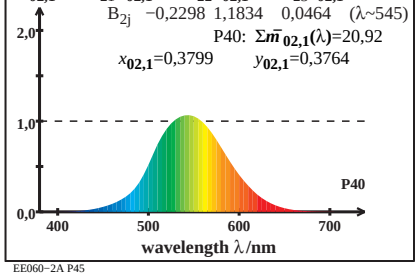
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

P40: $\Sigma\bar{m}_{02,1}(\lambda)=20{,}92$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE060−2A P45

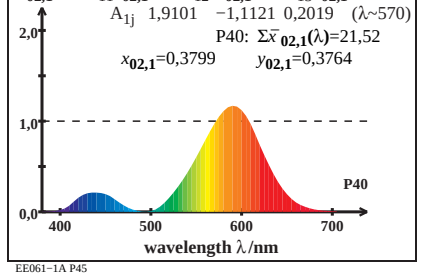
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

P40: $\Sigma\bar{x}_{02,1}(\lambda)=21{,}52$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE061−1A P45

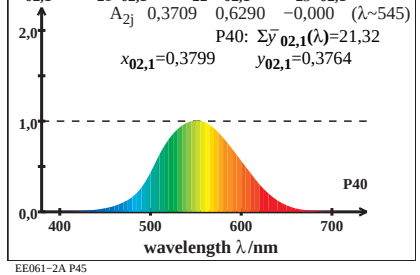
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

P40: $\Sigma\bar{y}_{02,1}(\lambda)=21{,}32$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE061−2A P45

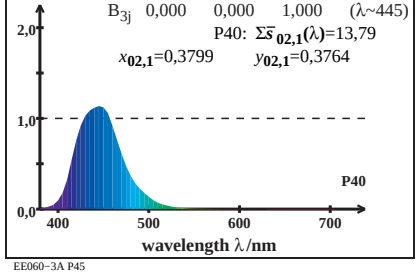
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

P40: $\Sigma\bar{s}_{02,1}(\lambda)=13{,}79$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE060−3A P45

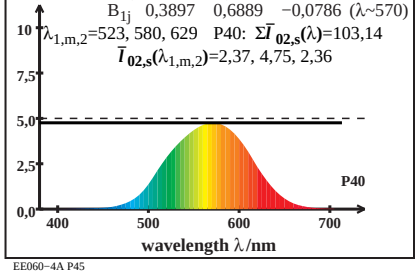
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}=523, 580, 629$ P40: $\Sigma\bar{l}_{02,s}(\lambda)=103{,}14$

$\bar{l}_{02,s}(\lambda_{1,m,2})=2{,}37, 4{,}75, 2{,}36$



EE060−4A P45

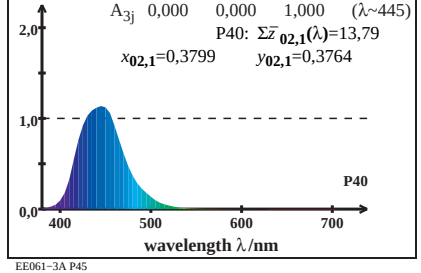
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

P40: $\Sigma\bar{z}_{02,1}(\lambda)=13{,}79$

$x_{02,1}=0{,}3799$ $y_{02,1}=0{,}3764$



EE061−3A P45

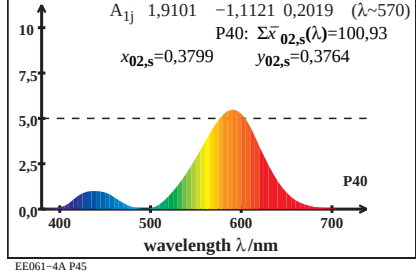
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

P40: $\Sigma\bar{x}_{02,s}(\lambda)=100{,}93$

$x_{02,s}=0{,}3799$ $y_{02,s}=0{,}3764$



EE061−4A P45

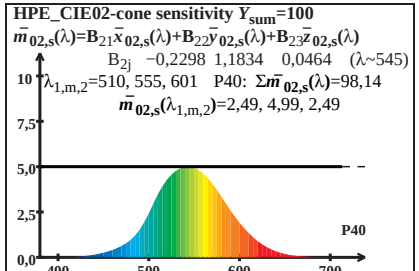
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}=510, 555, 601$ P40: $\Sigma\bar{m}_{02,s}(\lambda)=98{,}14$

$\bar{m}_{02,s}(\lambda_{1,m,2})=2{,}49, 4{,}99, 2{,}49$



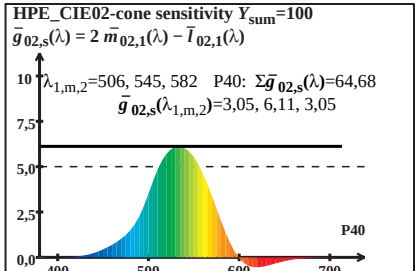
EE060−5A P45

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}=506, 545, 582$ P40: $\Sigma\bar{g}_{02,s}(\lambda)=64{,}68$

$\bar{g}_{02,s}(\lambda_{1,m,2})=3{,}05, 6{,}11, 3{,}05$



EE060−6A P45

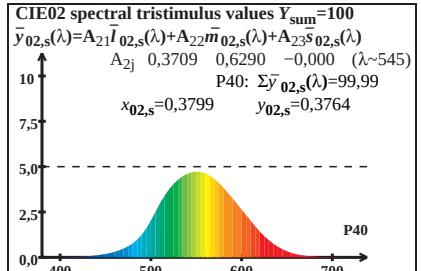
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

P40: $\Sigma\bar{y}_{02,s}(\lambda)=99{,}99$

$x_{02,s}=0{,}3799$ $y_{02,s}=0{,}3764$



EE061−5A P45

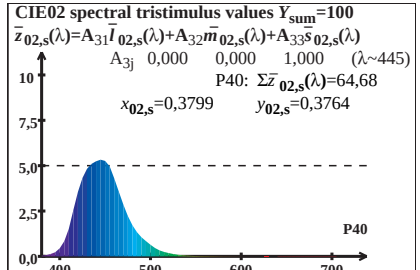
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

P40: $\Sigma\bar{z}_{02,s}(\lambda)=64{,}68$

$x_{02,s}=0{,}3799$ $y_{02,s}=0{,}3764$



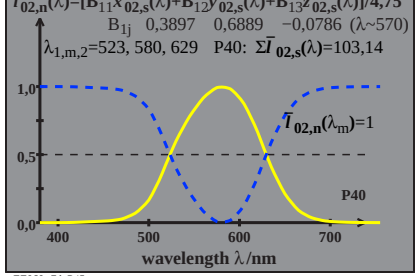
EE061−6A P45

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}75$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}=523, 580, 629$ P40: $\Sigma\bar{l}_{02,s}(\lambda)=103{,}14$

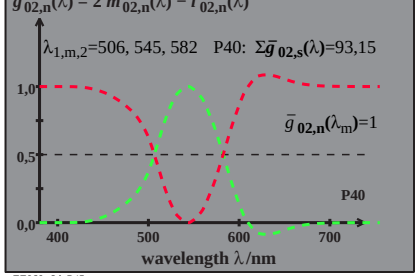


EE060−7A P45

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}=506, 545, 582$ P40: $\Sigma\bar{g}_{02,s}(\lambda)=93{,}15$



EE060−8A P45

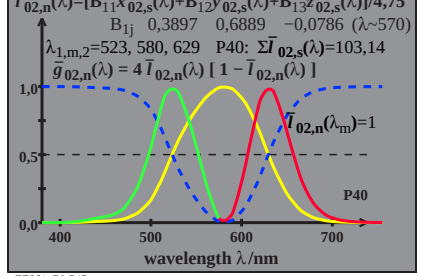
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}75$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}=523, 580, 629$ P40: $\Sigma\bar{l}_{02,s}(\lambda)=103{,}14$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



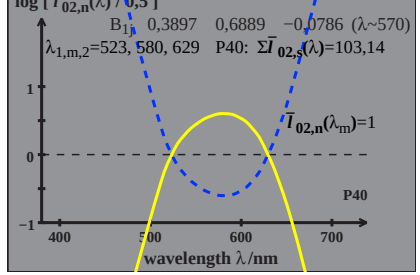
EE061−7A P45

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}=523, 580, 629$ P40: $\Sigma\bar{l}_{02,s}(\lambda)=103{,}14$



EE061−8A P45

EE060−7R P45

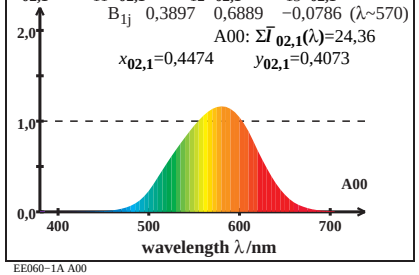
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

A00: $\Sigma\bar{l}_{02,1}(\lambda)=24,36$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE060−1A A00

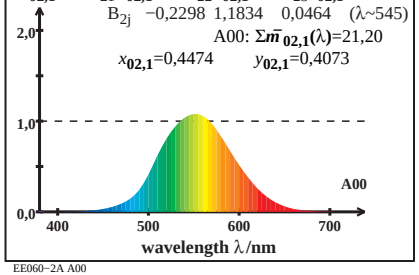
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

A00: $\Sigma\bar{m}_{02,1}(\lambda)=21,20$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE060−2A A00

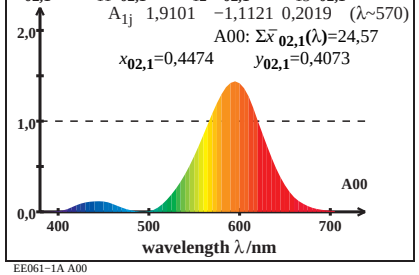
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

A00: $\Sigma\bar{x}_{02,1}(\lambda)=24,57$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE061−1A A00

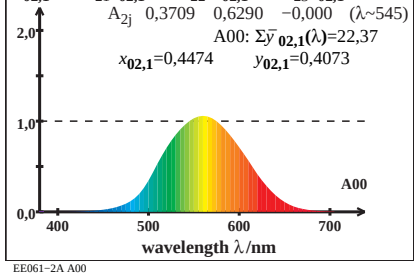
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

A00: $\Sigma\bar{y}_{02,1}(\lambda)=22,37$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE061−2A A00

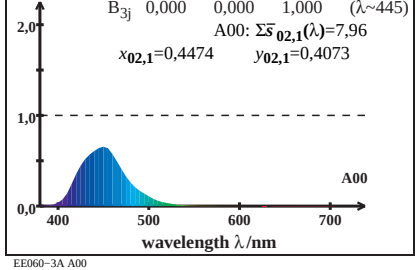
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

A00: $\Sigma\bar{s}_{02,1}(\lambda)=7,96$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE060−3A A00

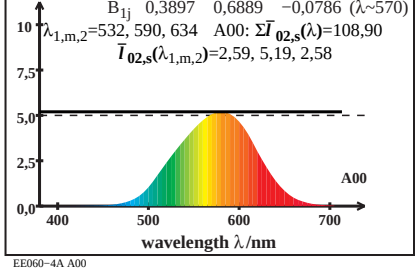
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 A00: $\Sigma\bar{l}_{02,s}(\lambda)=108,90$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,59, 5,19, 2,58



EE060−4A A00

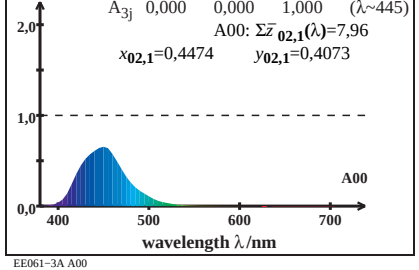
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

A00: $\Sigma\bar{z}_{02,1}(\lambda)=7,96$

$x_{02,1}=0,4474$ $y_{02,1}=0,4073$



EE061−3A A00

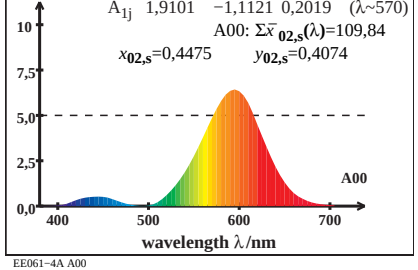
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

A00: $\Sigma\bar{x}_{02,s}(\lambda)=109,84$

$x_{02,s}=0,4475$ $y_{02,s}=0,4074$



EE061−4A A00

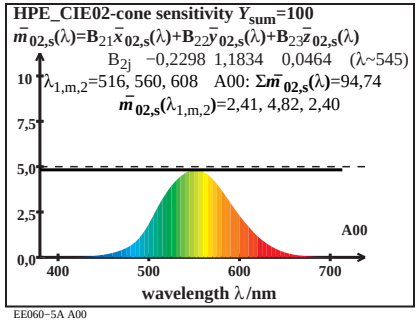
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=516, 560, 608 A00: $\Sigma\bar{m}_{02,s}(\lambda)=94,74$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,41, 4,82, 2,40



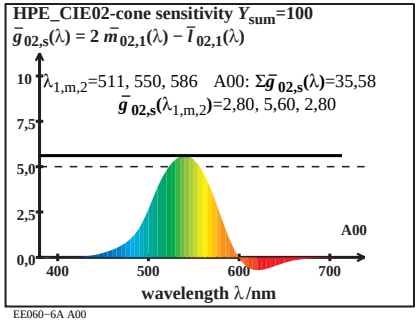
EE060−5A A00

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=511, 550, 586 A00: $\Sigma\bar{g}_{02,s}(\lambda)=35,58$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=2,80, 5,60, 2,80



EE060−6A A00

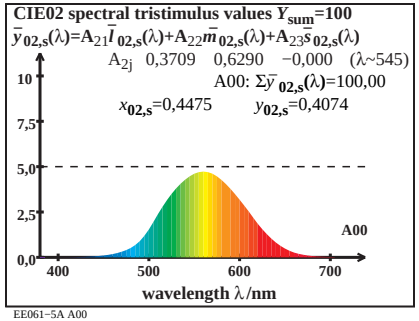
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

A00: $\Sigma\bar{y}_{02,s}(\lambda)=100,00$

$x_{02,s}=0,4475$ $y_{02,s}=0,4074$



EE061−5A A00

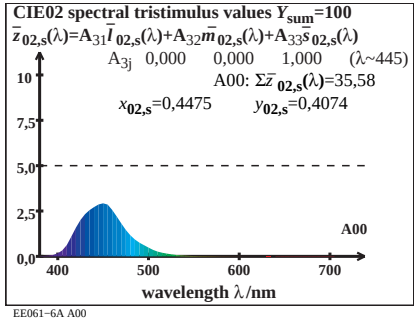
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

A00: $\Sigma\bar{z}_{02,s}(\lambda)=35,58$

$x_{02,s}=0,4475$ $y_{02,s}=0,4074$



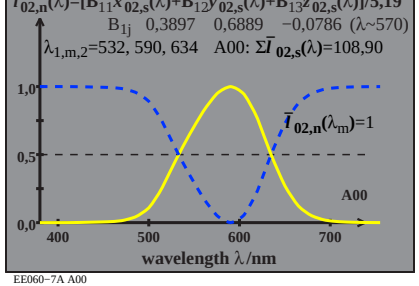
EE061−6A A00

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/5,19$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 A00: $\Sigma\bar{l}_{02,s}(\lambda)=108,90$

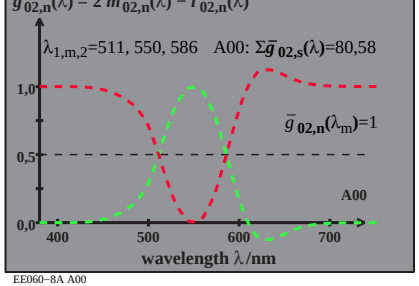


EE060−7A A00

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=511, 550, 586 A00: $\Sigma\bar{g}_{02,s}(\lambda)=80,58$



EE060−8A A00

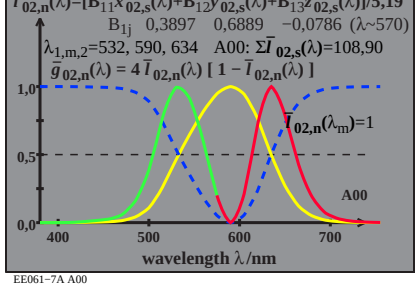
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/5,19$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 A00: $\Sigma\bar{l}_{02,s}(\lambda)=108,90$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



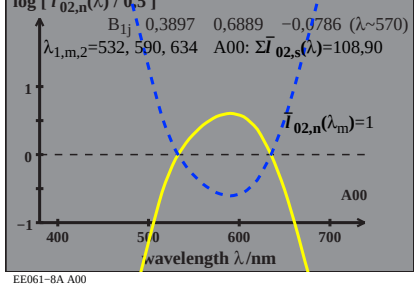
EE061−7A A00

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=532, 590, 634 A00: $\Sigma\bar{l}_{02,s}(\lambda)=108,90$



EE061−8A A00

EE060−7R A00

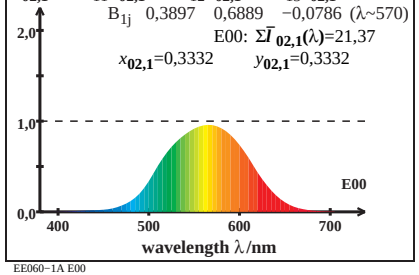
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

E00: $\Sigma\bar{l}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE060−1A E00

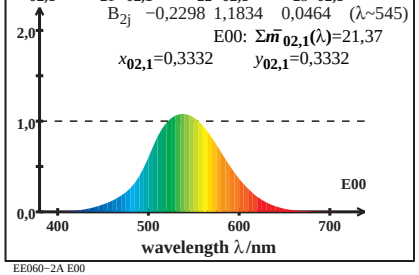
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

E00: $\Sigma\bar{m}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE060−2A E00

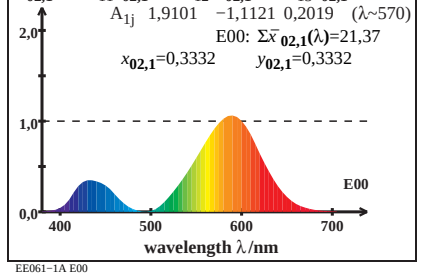
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

E00: $\Sigma\bar{x}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE061−1A E00

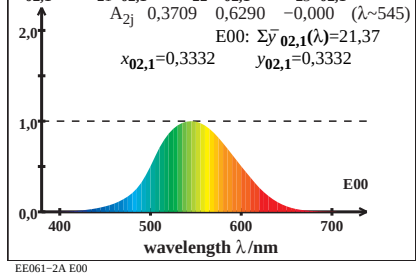
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

E00: $\Sigma\bar{y}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE061−2A E00

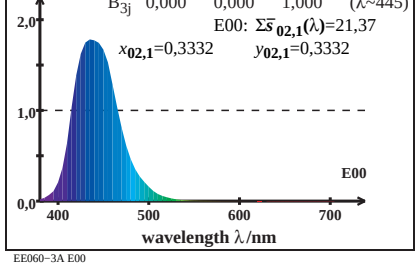
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

E00: $\Sigma\bar{s}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE060−3A E00

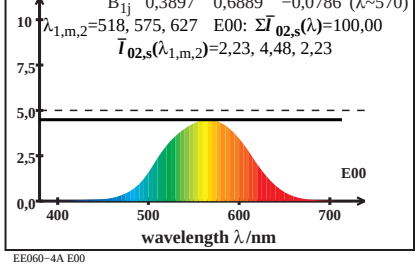
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 575, 627 E00: $\Sigma\bar{l}_{02,s}(\lambda)=100,00$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,23, 4,48, 2,23



EE060−4A E00

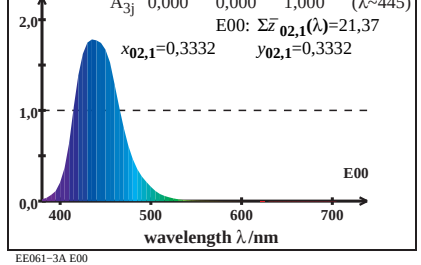
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

E00: $\Sigma\bar{z}_{02,1}(\lambda)=21,37$

$x_{02,1}=0,3332$ $y_{02,1}=0,3332$



EE061−3A E00

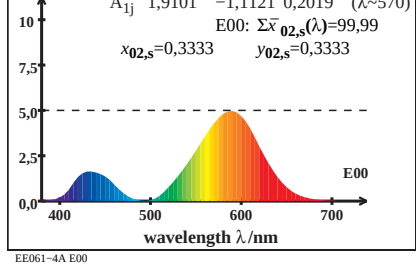
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

E00: $\Sigma\bar{x}_{02,s}(\lambda)=99,99$

$x_{02,s}=0,3333$ $y_{02,s}=0,3333$



EE061−4A E00

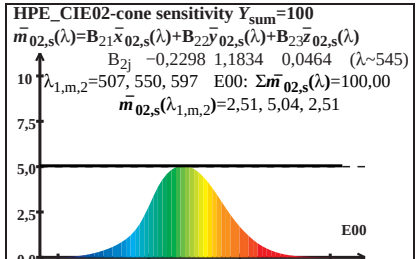
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=507, 550, 597 E00: $\Sigma\bar{m}_{02,s}(\lambda)=100,00$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,51, 5,04, 2,51



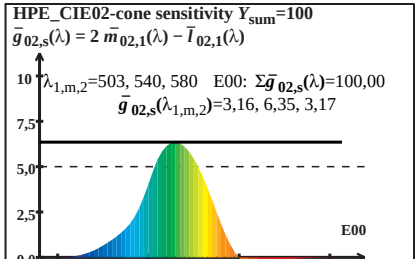
EE060−5A E00

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=503, 540, 580 E00: $\Sigma\bar{g}_{02,s}(\lambda)=100,00$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,16, 6,35, 3,17



EE060−6A E00

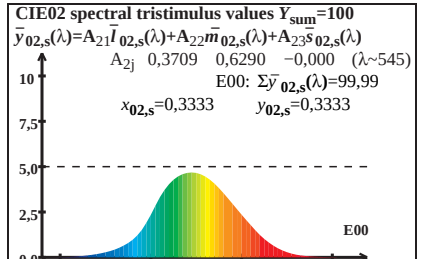
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

E00: $\Sigma\bar{y}_{02,s}(\lambda)=99,99$

$x_{02,s}=0,3333$ $y_{02,s}=0,3333$



EE061−5A E00

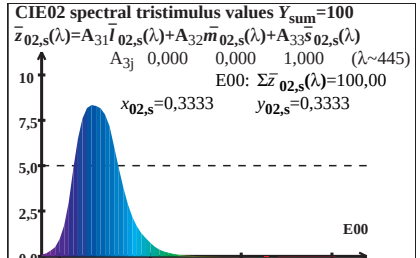
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

E00: $\Sigma\bar{z}_{02,s}(\lambda)=100,00$

$x_{02,s}=0,3333$ $y_{02,s}=0,3333$



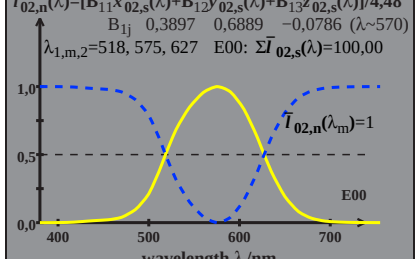
EE061−6A E00

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,48$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 575, 627 E00: $\Sigma\bar{l}_{02,s}(\lambda)=100,00$

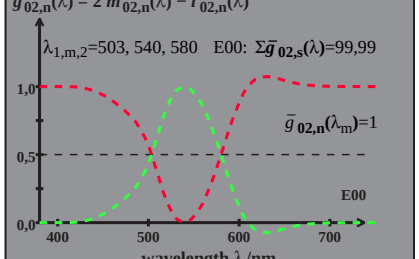


EE060−7A E00

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=503, 540, 580 E00: $\Sigma\bar{g}_{02,s}(\lambda)=99,99$



EE060−8A E00

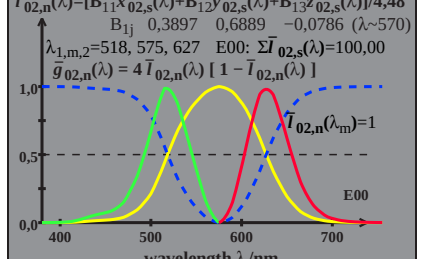
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,48$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 575, 627 E00: $\Sigma\bar{l}_{02,s}(\lambda)=100,00$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



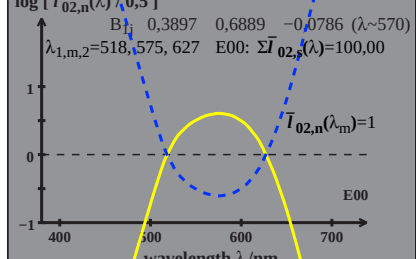
EE061−7A E00

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=518, 575, 627 E00: $\Sigma\bar{l}_{02,s}(\lambda)=100,00$



EE061−8A E00

EE060−7R E00

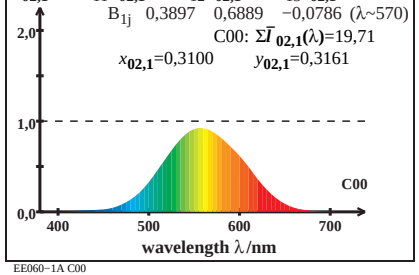
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

C00: $\Sigma\bar{l}_{02,1}(\lambda)=19{,}71$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE060−1A C00

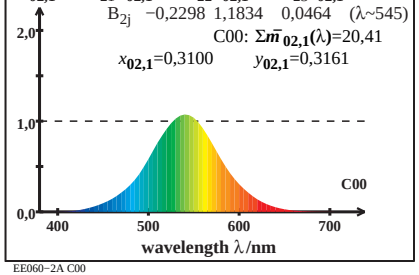
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

C00: $\Sigma\bar{m}_{02,1}(\lambda)=20{,}41$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE060−2A C00

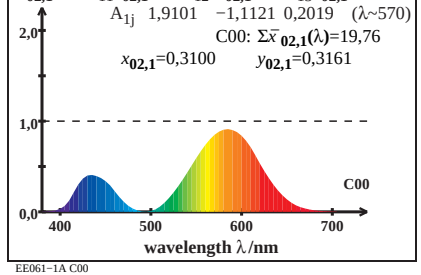
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

C00: $\Sigma\bar{x}_{02,1}(\lambda)=19{,}76$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE061−1A C00

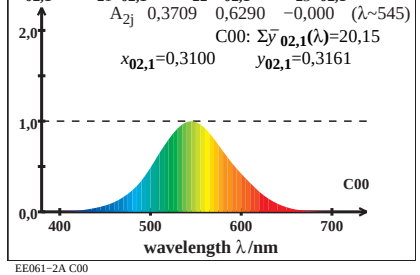
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

C00: $\Sigma\bar{y}_{02,1}(\lambda)=20{,}15$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE061−2A C00

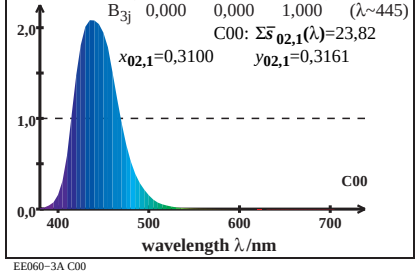
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

C00: $\Sigma\bar{s}_{02,1}(\lambda)=23{,}82$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE060−3A C00

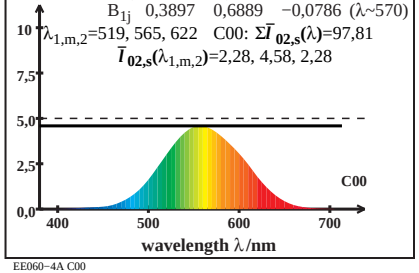
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=519, 565, 622 C00: $\Sigma\bar{l}_{02,s}(\lambda)=97{,}81$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,28, 4,58, 2,28



EE060−4A C00

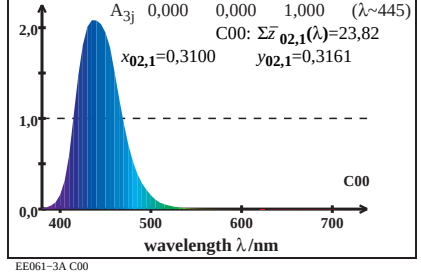
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

C00: $\Sigma\bar{z}_{02,1}(\lambda)=23{,}82$

$x_{02,1}=0{,}3100$ $y_{02,1}=0{,}3161$



EE061−3A C00

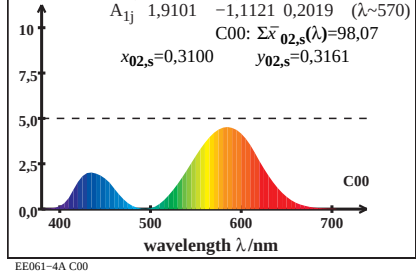
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

C00: $\Sigma\bar{x}_{02,s}(\lambda)=98{,}07$

$x_{02,s}=0{,}3100$ $y_{02,s}=0{,}3161$



EE061−4A C00

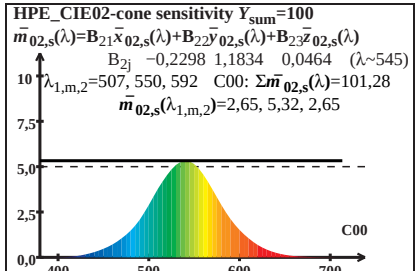
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=507, 550, 592 C00: $\Sigma\bar{m}_{02,s}(\lambda)=101{,}28$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,65, 5,32, 2,65



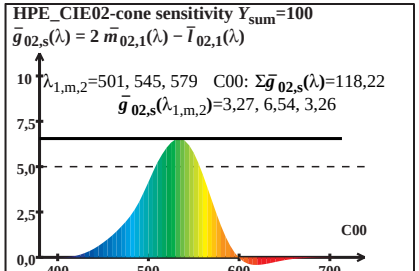
EE060−5A C00

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=501, 545, 579 C00: $\Sigma\bar{g}_{02,s}(\lambda)=118{,}22$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,27, 6,54, 3,26



EE060−6A C00

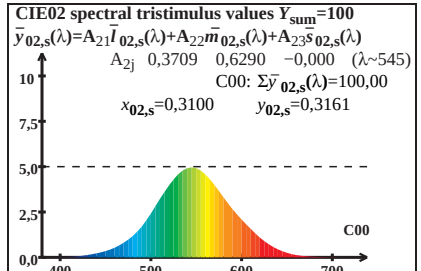
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

C00: $\Sigma\bar{y}_{02,s}(\lambda)=100{,}00$

$x_{02,s}=0{,}3100$ $y_{02,s}=0{,}3161$



EE061−5A C00

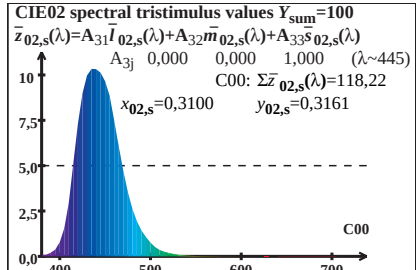
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

C00: $\Sigma\bar{z}_{02,s}(\lambda)=118{,}22$

$x_{02,s}=0{,}3100$ $y_{02,s}=0{,}3161$



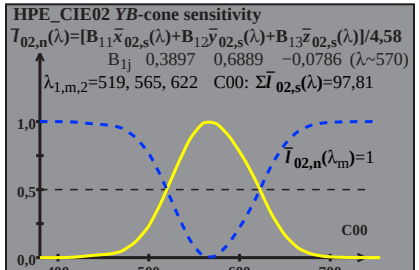
EE061−6A C00

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}58$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=519, 565, 622 C00: $\Sigma\bar{l}_{02,s}(\lambda)=97{,}81$

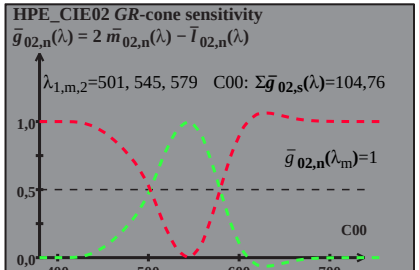


EE060−7A C00

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=501, 545, 579 C00: $\Sigma\bar{g}_{02,s}(\lambda)=104{,}76$



EE060−8A C00

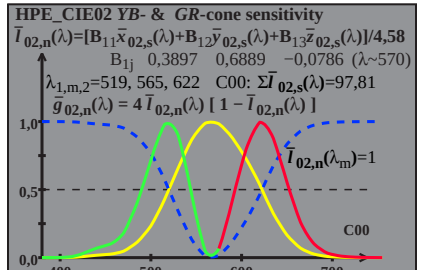
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}58$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=519, 565, 622 C00: $\Sigma\bar{l}_{02,s}(\lambda)=97{,}81$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



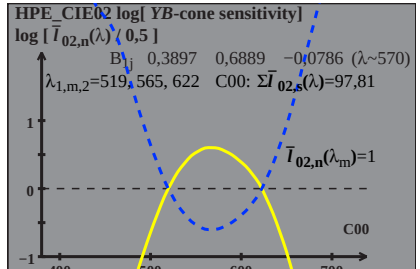
EE061−7A C00

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=519, 565, 622 C00: $\Sigma\bar{l}_{02,s}(\lambda)=97{,}81$



EE061−8A C00

EE060−7R C00

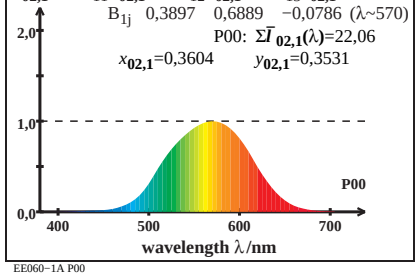
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

P00: $\Sigma\bar{l}_{02,1}(\lambda)=22{,}06$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE060−1A P00

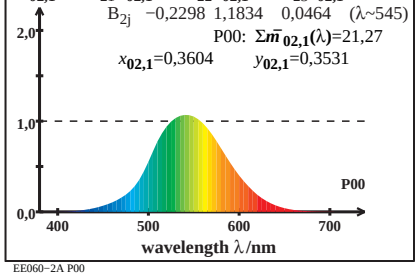
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

P00: $\Sigma\bar{m}_{02,1}(\lambda)=21{,}27$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE060−2A P00

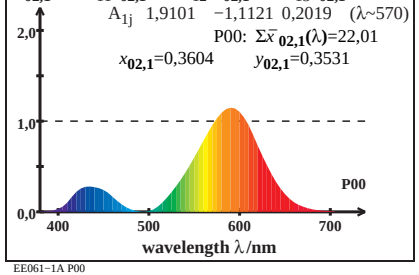
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

P00: $\Sigma\bar{x}_{02,1}(\lambda)=22{,}01$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE061−1A P00

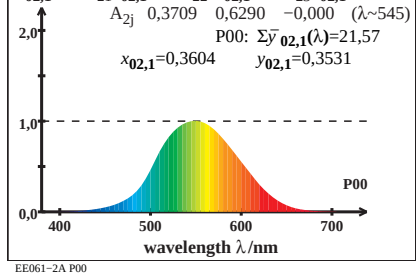
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

P00: $\Sigma\bar{y}_{02,1}(\lambda)=21{,}57$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE061−2A P00

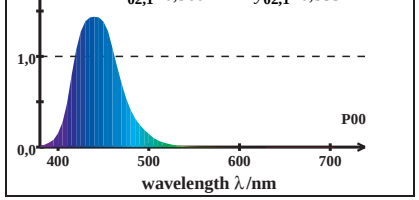
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

P00: $\Sigma\bar{s}_{02,1}(\lambda)=17{,}48$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE060−3A P00

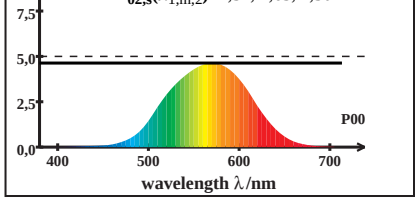
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=521, 580, 629 P00: $\Sigma\bar{l}_{02,s}(\lambda)=102{,}29$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,31, 4,63, 2,30



EE060−4A P00

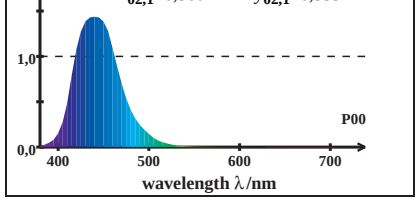
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

P00: $\Sigma\bar{z}_{02,1}(\lambda)=17{,}48$

$x_{02,1}=0{,}3604$ $y_{02,1}=0{,}3531$



EE061−3A P00

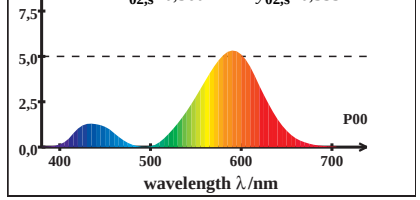
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

P00: $\Sigma\bar{x}_{02,s}(\lambda)=102{,}06$

$x_{02,s}=0{,}3604$ $y_{02,s}=0{,}3531$



EE061−4A P00

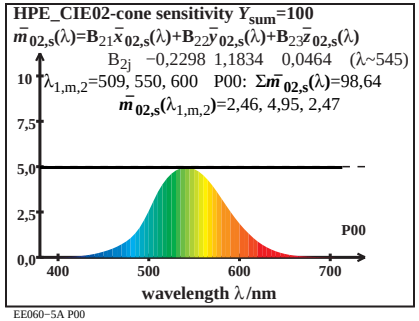
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=509, 550, 600 P00: $\Sigma\bar{m}_{02,s}(\lambda)=98{,}64$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,46, 4,95, 2,47



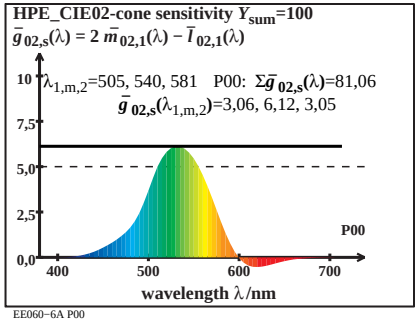
EE060−5A P00

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=505, 540, 581 P00: $\Sigma\bar{g}_{02,s}(\lambda)=81{,}06$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,06, 6,12, 3,05



EE060−6A P00

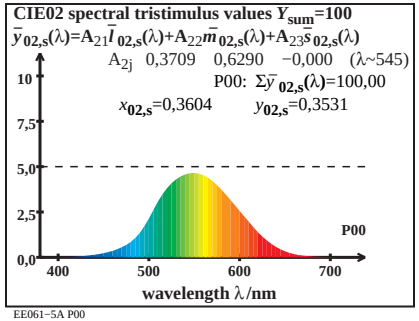
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

P00: $\Sigma\bar{y}_{02,s}(\lambda)=100{,}00$

$x_{02,s}=0{,}3604$ $y_{02,s}=0{,}3531$



EE061−5A P00

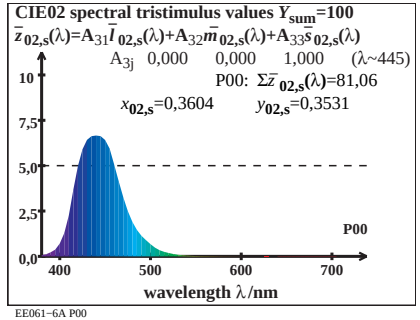
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

P00: $\Sigma\bar{z}_{02,s}(\lambda)=81{,}06$

$x_{02,s}=0{,}3604$ $y_{02,s}=0{,}3531$



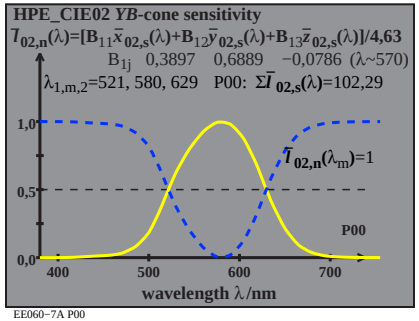
EE061−6A P00

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}63$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=521, 580, 629 P00: $\Sigma\bar{l}_{02,s}(\lambda)=102{,}29$

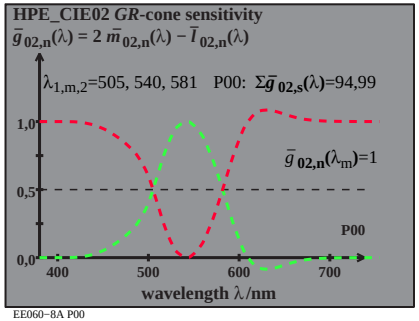


EE060−7A P00

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=505, 540, 581 P00: $\Sigma\bar{g}_{02,s}(\lambda)=94{,}99$



EE060−8A P00

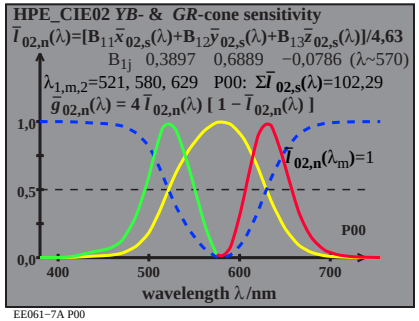
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4{,}63$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=521, 580, 629 P00: $\Sigma\bar{l}_{02,s}(\lambda)=102{,}29$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



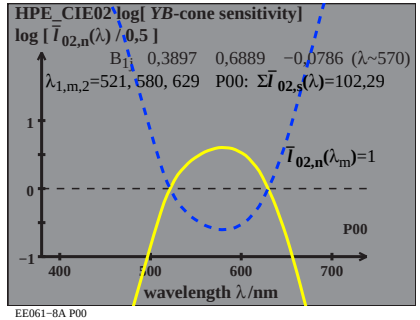
EE061−7A P00

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=521, 580, 629 P00: $\Sigma\bar{l}_{02,s}(\lambda)=102{,}29$



EE061−8A P00

EE060−7R P00

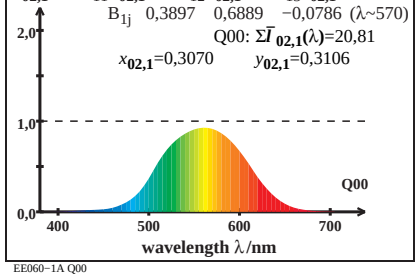
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

Q00: $\Sigma\bar{l}_{02,1}(\lambda)=20,81$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE060−1A Q00

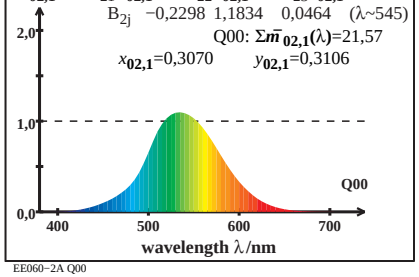
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

Q00: $\Sigma\bar{m}_{02,1}(\lambda)=21,57$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE060−2A Q00

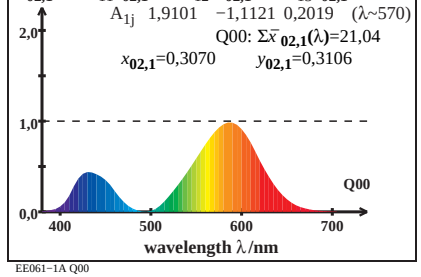
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

Q00: $\Sigma\bar{x}_{02,1}(\lambda)=21,04$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE061−1A Q00

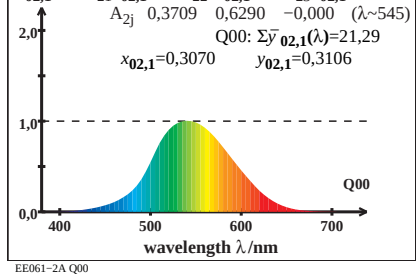
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

Q00: $\Sigma\bar{y}_{02,1}(\lambda)=21,29$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE061−2A Q00

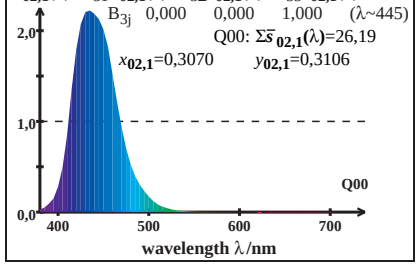
HPE_CIE02-cone sensitivity $\bar{y}_{max}(\lambda)=1$

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

B_{3j} 0,000 0,000 1,000 (λ~445)

Q00: $\Sigma\bar{s}_{02,1}(\lambda)=26,19$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE060−3A Q00

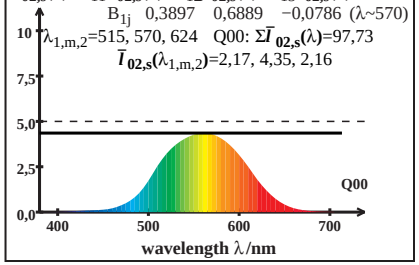
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 Q00: $\Sigma\bar{l}_{02,s}(\lambda)=97,73$

$\bar{l}_{02,s}(\lambda_{1,m,2})$=2,17, 4,35, 2,16



EE060−4A Q00

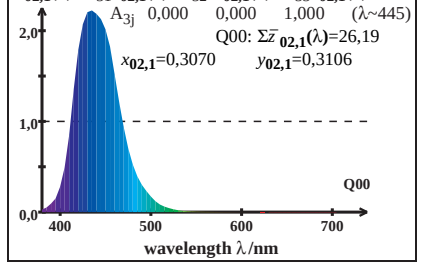
CIE02 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

Q00: $\Sigma\bar{z}_{02,1}(\lambda)=26,19$

$x_{02,1}=0,3070$ $y_{02,1}=0,3106$



EE061−3A Q00

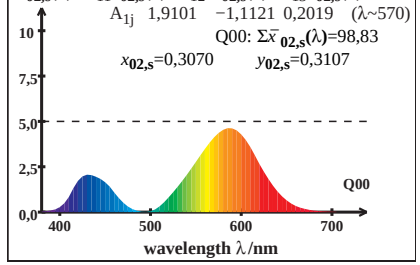
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

Q00: $\Sigma\bar{x}_{02,s}(\lambda)=98,83$

$x_{02,s}=0,3070$ $y_{02,s}=0,3107$



EE061−4A Q00

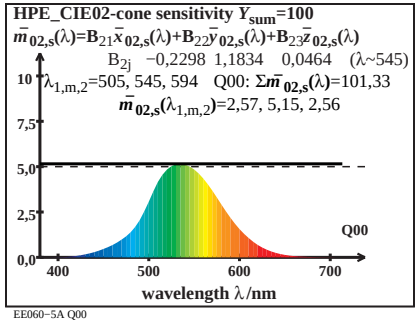
HPE_CIE02-cone sensitivity $Y_{sum}=100$

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

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

$\lambda_{1,m,2}$=505, 545, 594 Q00: $\Sigma\bar{m}_{02,s}(\lambda)=101,33$

$\bar{m}_{02,s}(\lambda_{1,m,2})$=2,57, 5,15, 2,56



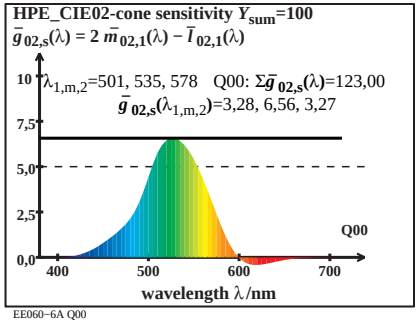
EE060−5A Q00

HPE_CIE02-cone sensitivity $Y_{sum}=100$

$\bar{g}_{02,s}(\lambda) = 2\,\bar{m}_{02,1}(\lambda) - \bar{l}_{02,1}(\lambda)$

$\lambda_{1,m,2}$=501, 535, 578 Q00: $\Sigma\bar{g}_{02,s}(\lambda)=123,00$

$\bar{g}_{02,s}(\lambda_{1,m,2})$=3,28, 6,56, 3,27



EE060−6A Q00

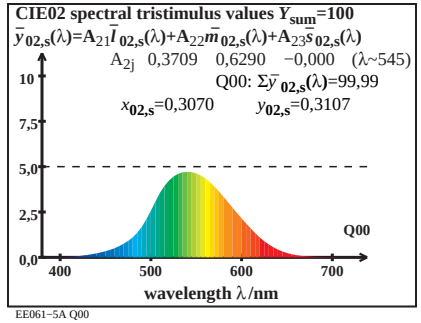
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

Q00: $\Sigma\bar{y}_{02,s}(\lambda)=99,99$

$x_{02,s}=0,3070$ $y_{02,s}=0,3107$



EE061−5A Q00

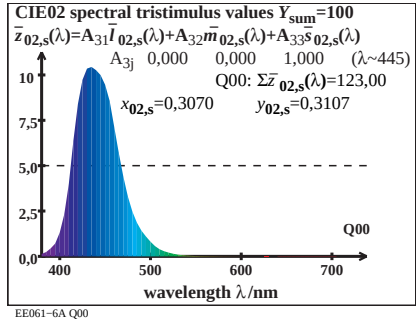
CIE02 spectral tristimulus values $Y_{sum}=100$

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

A_{3j} 0,000 0,000 1,000 (λ~445)

Q00: $\Sigma\bar{z}_{02,s}(\lambda)=123,00$

$x_{02,s}=0,3070$ $y_{02,s}=0,3107$



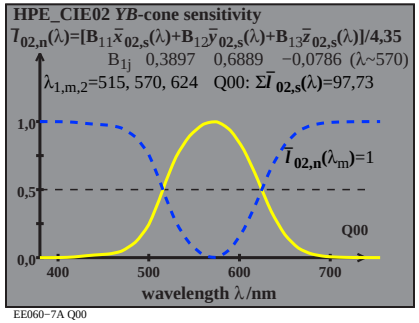
EE061−6A Q00

HPE_CIE02 *YB*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,35$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 Q00: $\Sigma\bar{l}_{02,s}(\lambda)=97,73$

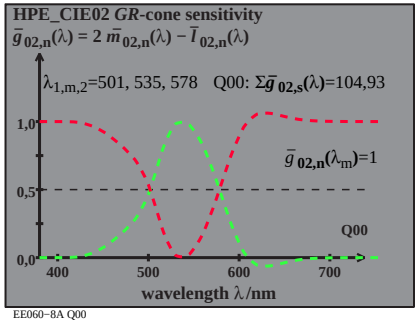


EE060−7A Q00

HPE_CIE02 *GR*-cone sensitivity

$\bar{g}_{02,n}(\lambda) = 2\,\bar{m}_{02,n}(\lambda) - \bar{l}_{02,n}(\lambda)$

$\lambda_{1,m,2}$=501, 535, 578 Q00: $\Sigma\bar{g}_{02,s}(\lambda)=104,93$



EE060−8A Q00

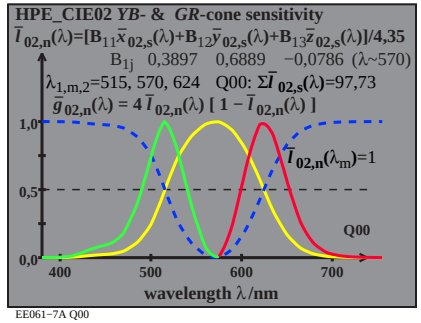
HPE_CIE02 *YB*- & *GR*-cone sensitivity

$\bar{l}_{02,n}(\lambda)=[B_{11}\bar{x}_{02,s}(\lambda)+B_{12}\bar{y}_{02,s}(\lambda)+B_{13}\bar{z}_{02,s}(\lambda)]/4,35$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 Q00: $\Sigma\bar{l}_{02,s}(\lambda)=97,73$

$\bar{g}_{02,n}(\lambda) = 4\,\bar{l}_{02,n}(\lambda)\,[\,1 - \bar{l}_{02,n}(\lambda)\,]$



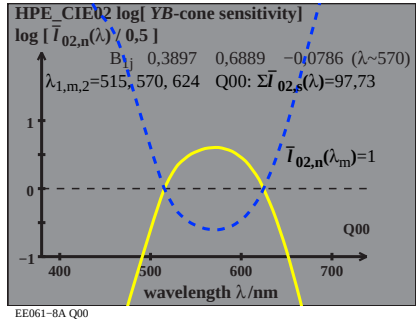
EE061−7A Q00

HPE_CIE02 log[*YB*-cone sensitivity]

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

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

$\lambda_{1,m,2}$=515, 570, 624 Q00: $\Sigma\bar{l}_{02,s}(\lambda)=97,73$



EE061−8A Q00

EE060−7R Q00