see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=22,21
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE410−1N_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
D65: $\Sigma\bar{m}_{02,1}(\lambda)$=23,15
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE410−2N_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)
D65: $\Sigma\bar{x}_{02,1}(\lambda)$=21,62
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE411−1N_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)
D65: $\Sigma\bar{y}_{02,1}(\lambda)$=22,80
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE411−2N_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
D65: $\Sigma\bar{s}_{02,1}(\lambda)$=24,47
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE410−3N_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
D65: $\Sigma\bar{l}_{02,s}(\lambda)$=97,40
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE410−4N_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)
D65: $\Sigma\bar{z}_{02,1}(\lambda)$=24,47
$x_{02,1}$=0,3137
$y_{02,1}$=0,3309
wavelength λ/nm
BE411−3N_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)
D65: $\Sigma\bar{x}_{02,s}(\lambda)$=94,81
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE411−4N_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
D65: $\Sigma\bar{m}_{02,s}(\lambda)$=101,53
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE410−5N_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
D65: $\Sigma\bar{s}_{02,s}(\lambda)$=107,33
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE410−6N_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)
D65: $\Sigma\bar{y}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE411−5N_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)
D65: $\Sigma\bar{z}_{02,s}(\lambda)$=107,33
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE411−6N_1

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
D65: $\Sigma\bar{m}_{02,s}(\lambda)$=101,53
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE410−7N_1

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
D65: $\Sigma\bar{s}_{02,s}(\lambda)$=107,33
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE410−8N_1

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
D65: $\Sigma\bar{x}_{02,s}(\lambda)$=94,81
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE411−7N_1

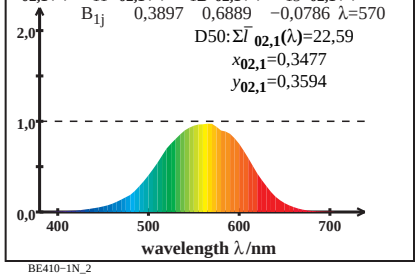
CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
D65: $\Sigma\bar{z}_{02,s}(\lambda)$=107,33
$x_{02,s}$=0,3137
$y_{02,s}$=0,3309
wavelength λ/nm
BE411−8N_1

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

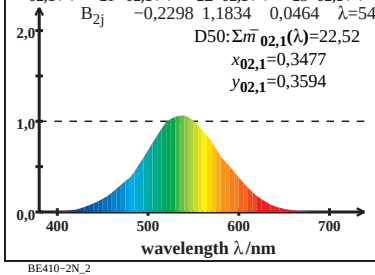
TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=22,59
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



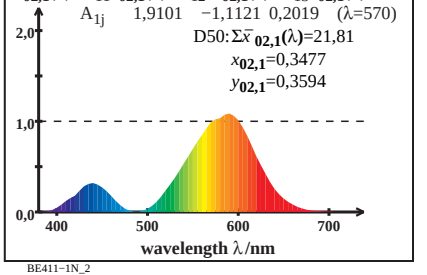
BE410−1N_2

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
D50: $\Sigma\bar{m}_{02,1}(\lambda)$=22,52
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



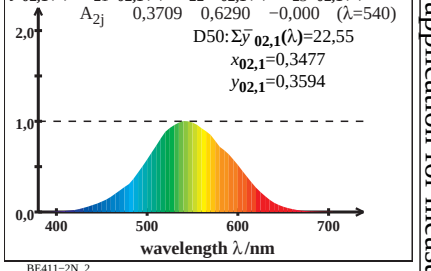
BE410−2N_2

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: $\Sigma\bar{x}_{02,1}(\lambda)$=21,81
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



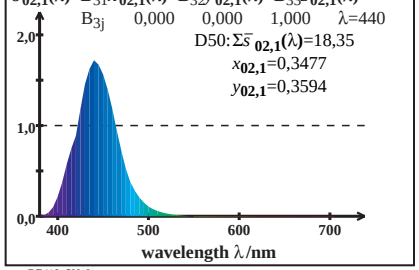
BE411−1N_2

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)
D50: $\Sigma\bar{y}_{02,1}(\lambda)$=22,55
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



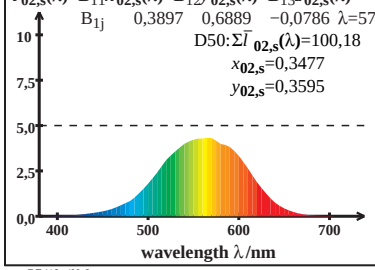
BE411−2N_2

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
D50: $\Sigma\bar{s}_{02,1}(\lambda)$=18,35
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



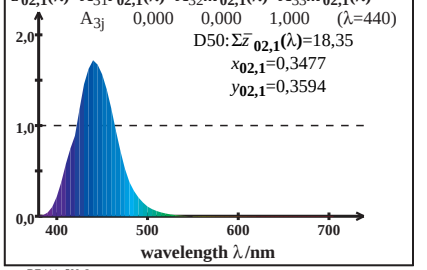
BE410−3N_2

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
D50: $\Sigma\bar{l}_{02,s}(\lambda)$=100,18
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



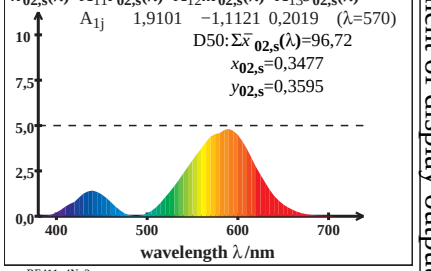
BE410−4N_2

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)
D50: $\Sigma\bar{z}_{02,1}(\lambda)$=18,35
$x_{02,1}$=0,3477
$y_{02,1}$=0,3594



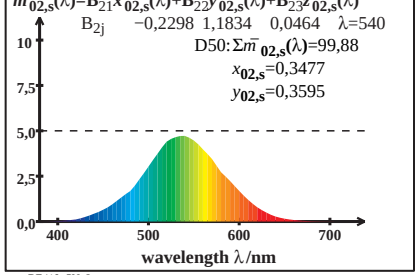
BE411−3N_2

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: $\Sigma\bar{x}_{02,s}(\lambda)$=96,72
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



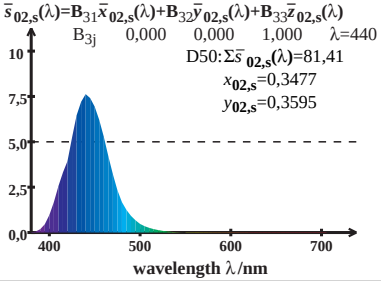
BE411−4N_2

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
D50: $\Sigma\bar{m}_{02,s}(\lambda)$=99,88
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



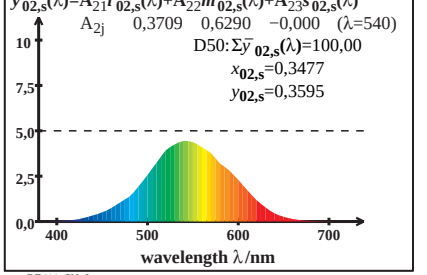
BE410−5N_2

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
D50: $\Sigma\bar{s}_{02,s}(\lambda)$=81,41
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



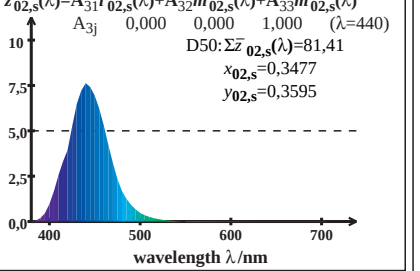
BE410−6N_2

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)
D50: $\Sigma\bar{y}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



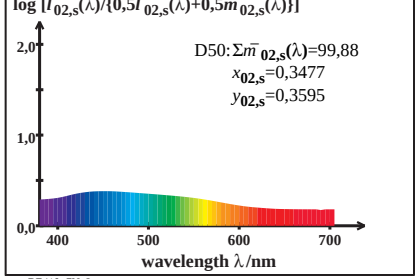
BE411−5N_2

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)
D50: $\Sigma\bar{z}_{02,s}(\lambda)$=81,41
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



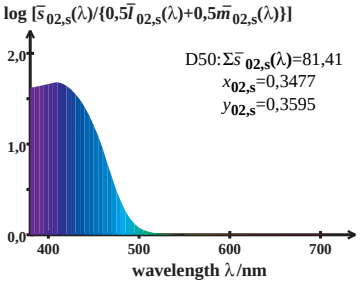
BE411−6N_2

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
D50: $\Sigma\bar{m}_{02,s}(\lambda)$=99,88
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



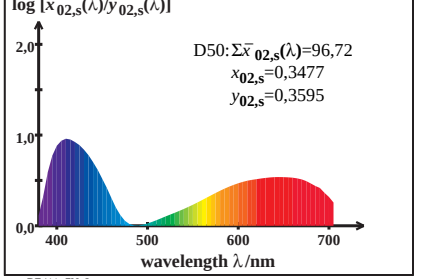
BE410−7N_2

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
D50: $\Sigma\bar{s}_{02,s}(\lambda)$=81,41
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



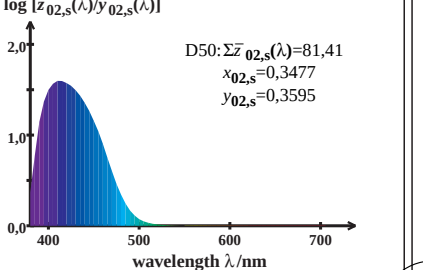
BE410−8N_2

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
D50: $\Sigma\bar{x}_{02,s}(\lambda)$=96,72
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



BE411−7N_2

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
D50: $\Sigma\bar{z}_{02,s}(\lambda)$=81,41
$x_{02,s}$=0,3477
$y_{02,s}$=0,3595



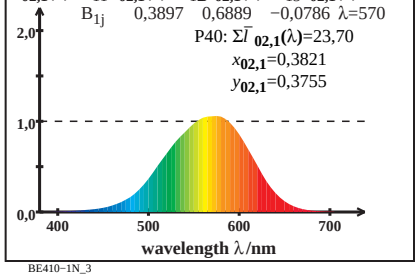
BE411−8N_2

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

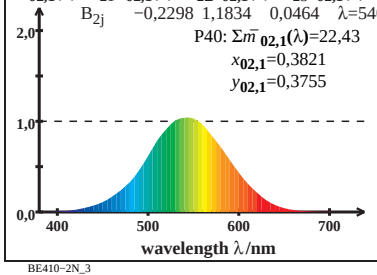
TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=23,70
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



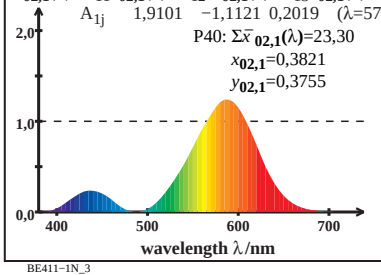
BE410−1N_3

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
P40: $\Sigma\bar{m}_{02,1}(\lambda)$=22,43
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



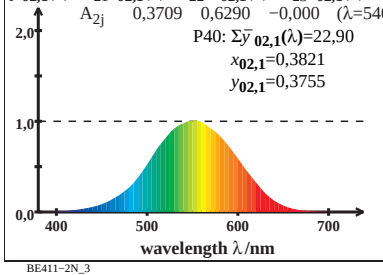
BE410−2N_3

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: $\Sigma\bar{x}_{02,1}(\lambda)$=23,30
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



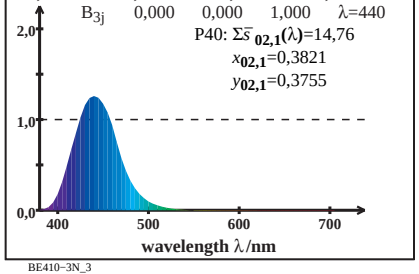
BE411−1N_3

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)
P40: $\Sigma\bar{y}_{02,1}(\lambda)$=22,90
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



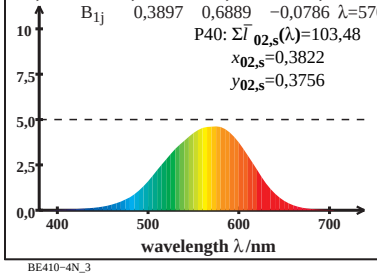
BE411−2N_3

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
P40: $\Sigma\bar{s}_{02,1}(\lambda)$=14,76
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



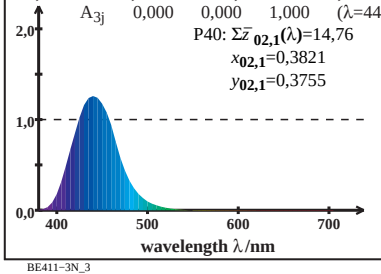
BE410−3N_3

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
P40: $\Sigma\bar{l}_{02,s}(\lambda)$=103,48
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



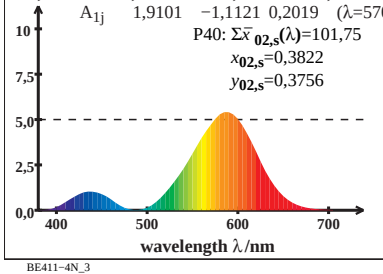
BE410−4N_3

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)
P40: $\Sigma\bar{z}_{02,1}(\lambda)$=14,76
$x_{02,1}$=0,3821
$y_{02,1}$=0,3755



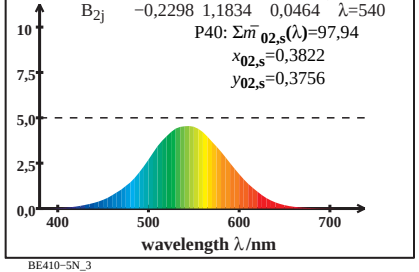
BE411−3N_3

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: $\Sigma\bar{x}_{02,s}(\lambda)$=101,75
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



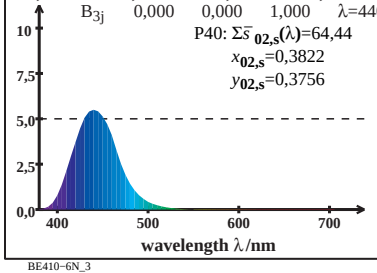
BE411−4N_3

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
P40: $\Sigma\bar{m}_{02,s}(\lambda)$=97,94
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



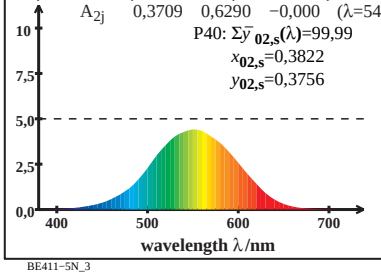
BE410−5N_3

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
P40: $\Sigma\bar{s}_{02,s}(\lambda)$=64,44
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



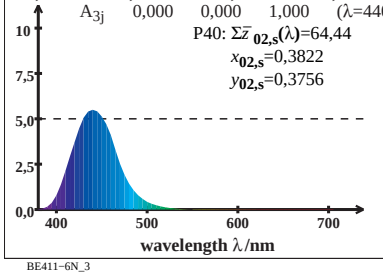
BE410−6N_3

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)
P40: $\Sigma\bar{y}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



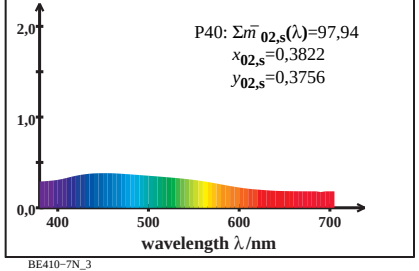
BE411−5N_3

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)
P40: $\Sigma\bar{z}_{02,s}(\lambda)$=64,44
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



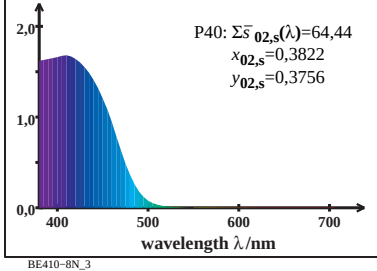
BE411−6N_3

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
P40: $\Sigma\bar{m}_{02,s}(\lambda)$=97,94
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



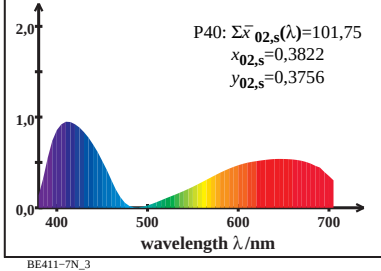
BE410−7N_3

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
P40: $\Sigma\bar{s}_{02,s}(\lambda)$=64,44
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



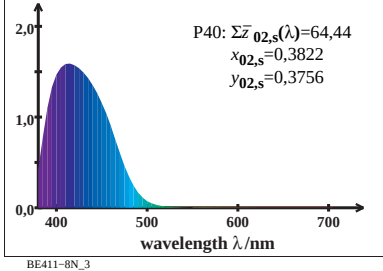
BE410−8N_3

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
P40: $\Sigma\bar{x}_{02,s}(\lambda)$=101,75
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



BE411−7N_3

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
P40: $\Sigma\bar{z}_{02,s}(\lambda)$=64,44
$x_{02,s}$=0,3822
$y_{02,s}$=0,3756



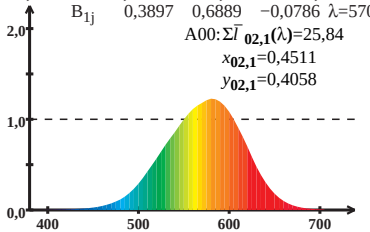
BE411−8N_3

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

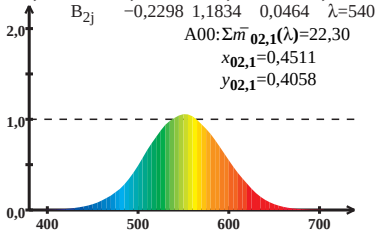
TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=25,84
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



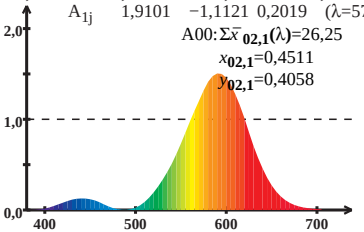
BE410−1N_4

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
A00: $\Sigma\bar{m}_{02,1}(\lambda)$=22,30
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



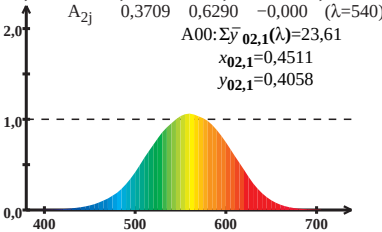
BE410−2N_4

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: $\Sigma\bar{x}_{02,1}(\lambda)$=26,25
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



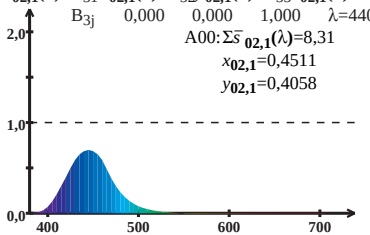
BE411−1N_4

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)
A00: $\Sigma\bar{y}_{02,1}(\lambda)$=23,61
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



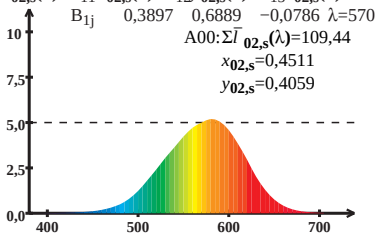
BE411−2N_4

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
A00: $\Sigma\bar{s}_{02,1}(\lambda)$=8,31
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



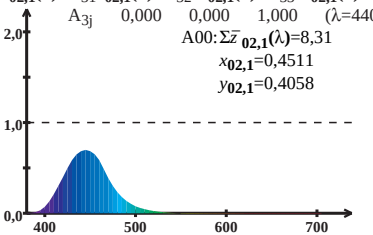
BE410−3N_4

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
A00: $\Sigma\bar{l}_{02,s}(\lambda)$=109,44
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



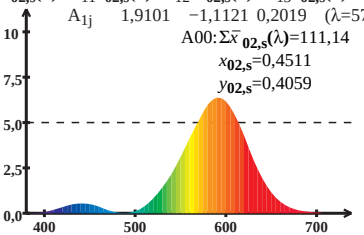
BE410−4N_4

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)
A00: $\Sigma\bar{z}_{02,1}(\lambda)$=8,31
$x_{02,1}$=0,4511
$y_{02,1}$=0,4058



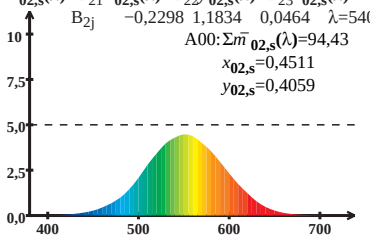
BE411−3N_4

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: $\Sigma\bar{x}_{02,s}(\lambda)$=111,14
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



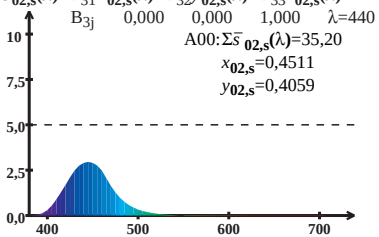
BE411−4N_4

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
A00: $\Sigma\bar{m}_{02,s}(\lambda)$=94,43
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



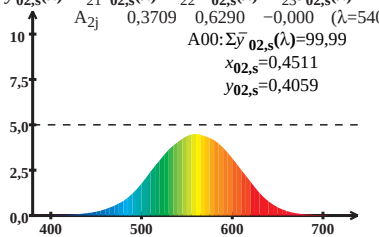
BE410−5N_4

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
A00: $\Sigma\bar{s}_{02,s}(\lambda)$=35,20
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



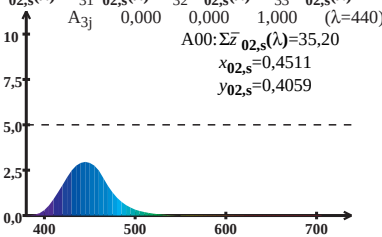
BE410−6N_4

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)
A00: $\Sigma\bar{y}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



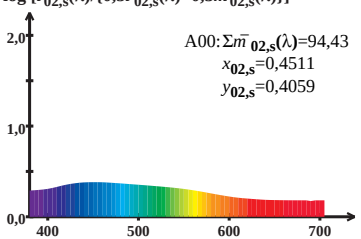
BE411−5N_4

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)
A00: $\Sigma\bar{z}_{02,s}(\lambda)$=35,20
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



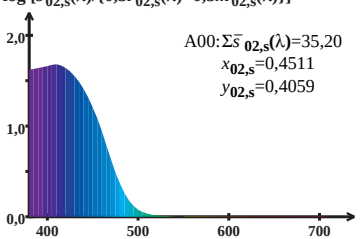
BE411−6N_4

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
A00: $\Sigma\bar{m}_{02,s}(\lambda)$=94,43
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



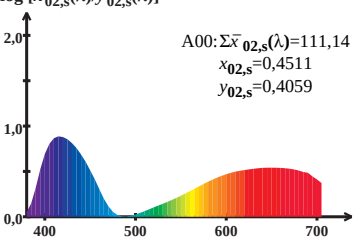
BE410−7N_4

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
A00: $\Sigma\bar{s}_{02,s}(\lambda)$=35,20
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



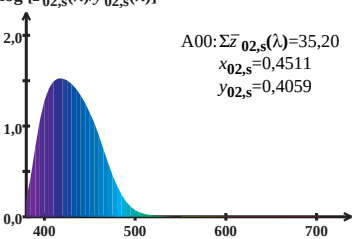
BE410−8N_4

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
A00: $\Sigma\bar{x}_{02,s}(\lambda)$=111,14
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



BE411−7N_4

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
A00: $\Sigma\bar{z}_{02,s}(\lambda)$=35,20
$x_{02,s}$=0,4511
$y_{02,s}$=0,4059



BE411−8N_4

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE410−1N_5

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
E00: $\Sigma\bar{m}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE410−2N_5

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: $\Sigma\bar{x}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE411−1N_5

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)
E00: $\Sigma\bar{y}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE411−2N_5

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
E00: $\Sigma\bar{s}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE410−3N_5

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
E00: $\Sigma\bar{l}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE410−4N_5

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)
E00: $\Sigma\bar{z}_{02,1}(\lambda)$=23,35
$x_{02,1}$=0,3332
$y_{02,1}$=0,3332
wavelength λ/nm
BE411−3N_5

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
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE411−4N_5

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
E00: $\Sigma\bar{m}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE410−5N_5

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
E00: $\Sigma\bar{s}_{02,s}(\lambda)$=100,01
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE410−6N_5

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)
E00: $\Sigma\bar{y}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE411−5N_5

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)
E00: $\Sigma\bar{z}_{02,s}(\lambda)$=100,01
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE411−6N_5

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
E00: $\Sigma\bar{m}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE410−7N_5

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
E00: $\Sigma\bar{s}_{02,s}(\lambda)$=100,01
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE410−8N_5

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
E00: $\Sigma\bar{x}_{02,s}(\lambda)$=99,99
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE411−7N_5

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
E00: $\Sigma\bar{z}_{02,s}(\lambda)$=100,01
$x_{02,s}$=0,3332
$y_{02,s}$=0,3333
wavelength λ/nm
BE411−8N_5

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=21,73
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE410−1N_6

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
C00: $\Sigma\bar{m}_{02,1}(\lambda)$=22,56
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE410−2N_6

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: $\Sigma\bar{x}_{02,1}(\lambda)$=21,65
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE411−1N_6

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)
C00: $\Sigma\bar{y}_{02,1}(\lambda)$=22,25
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE411−2N_6

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
C00: $\Sigma\bar{s}_{02,1}(\lambda)$=25,84
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE410−3N_6

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
C00: $\Sigma\bar{l}_{02,s}(\lambda)$=97,67
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE410−4N_6

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)
C00: $\Sigma\bar{z}_{02,1}(\lambda)$=25,84
$x_{02,1}$=0,3103
$y_{02,1}$=0,3190
wavelength λ/nm
BE411−3N_6

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: $\Sigma\bar{x}_{02,s}(\lambda)$=97,28
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE411−4N_6

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
C00: $\Sigma\bar{m}_{02,s}(\lambda)$=101,37
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE410−5N_6

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
C00: $\Sigma\bar{s}_{02,s}(\lambda)$=116,14
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE410−6N_6

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)
C00: $\Sigma\bar{y}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE411−5N_6

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)
C00: $\Sigma\bar{z}_{02,s}(\lambda)$=116,14
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE411−6N_6

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
C00: $\Sigma\bar{m}_{02,s}(\lambda)$=101,37
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE410−7N_6

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
C00: $\Sigma\bar{s}_{02,s}(\lambda)$=116,14
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE410−8N_6

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
C00: $\Sigma\bar{x}_{02,s}(\lambda)$=97,28
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE411−7N_6

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
C00: $\Sigma\bar{z}_{02,s}(\lambda)$=116,14
$x_{02,s}$=0,3103
$y_{02,s}$=0,3190
wavelength λ/nm
BE411−8N_6

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=23,90
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE410−1N_7

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
P00: $\Sigma\bar{m}_{02,1}(\lambda)$=23,01
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE410−2N_7

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: $\Sigma\bar{x}_{02,1}(\lambda)$=23,90
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE411−1N_7

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)
P00: $\Sigma\bar{y}_{02,1}(\lambda)$=23,34
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE411−2N_7

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
P00: $\Sigma\bar{s}_{02,1}(\lambda)$=18,96
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE410−3N_7

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
P00: $\Sigma\bar{l}_{02,s}(\lambda)$=102,40
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE410−4N_7

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)
P00: $\Sigma\bar{z}_{02,1}(\lambda)$=18,96
$x_{02,1}$=0,3608
$y_{02,1}$=0,3525
wavelength λ/nm
BE411−3N_7

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: $\Sigma\bar{x}_{02,s}(\lambda)$=102,37
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE411−4N_7

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
P00: $\Sigma\bar{m}_{02,s}(\lambda)$=98,58
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE410−5N_7

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
P00: $\Sigma\bar{s}_{02,s}(\lambda)$=81,25
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE410−6N_7

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)
P00: $\Sigma\bar{y}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE411−5N_7

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)
P00: $\Sigma\bar{z}_{02,s}(\lambda)$=81,25
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE411−6N_7

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
P00: $\Sigma\bar{m}_{02,s}(\lambda)$=98,58
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE410−7N_7

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
P00: $\Sigma\bar{s}_{02,s}(\lambda)$=81,25
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE410−8N_7

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
P00: $\Sigma\bar{x}_{02,s}(\lambda)$=102,37
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE411−7N_7

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
P00: $\Sigma\bar{z}_{02,s}(\lambda)$=81,25
$x_{02,s}$=0,3609
$y_{02,s}$=0,3525
wavelength λ/nm
BE411−8N_7

BE410−7N

see similar files: http://farbe.li.tu-berlin.de/BE41/BE41.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20170801-BE41/BE41L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

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: $\Sigma\bar{l}_{02,1}(\lambda)$=22,96
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE410−1N_8

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
Q00: $\Sigma\bar{m}_{02,1}(\lambda)$=23,85
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE410−2N_8

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: $\Sigma\bar{x}_{02,1}(\lambda)$=23,14
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE411−1N_8

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)
Q00: $\Sigma\bar{y}_{02,1}(\lambda)$=23,52
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE411−2N_8

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
Q00: $\Sigma\bar{s}_{02,1}(\lambda)$=28,82
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE410−3N_8

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
Q00: $\Sigma\bar{l}_{02,s}(\lambda)$=97,60
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE410−4N_8

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)
Q00: $\Sigma\bar{z}_{02,1}(\lambda)$=28,82
$x_{02,1}$=0,3065
$y_{02,1}$=0,3115
wavelength λ/nm
BE411−3N_8

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: $\Sigma\bar{x}_{02,s}(\lambda)$=98,40
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE411−4N_8

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
Q00: $\Sigma\bar{m}_{02,s}(\lambda)$=101,41
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE410−5N_8

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
Q00: $\Sigma\bar{s}_{02,s}(\lambda)$=122,54
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE410−6N_8

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)
Q00: $\Sigma\bar{y}_{02,s}(\lambda)$=100,00
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE411−5N_8

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)
Q00: $\Sigma\bar{z}_{02,s}(\lambda)$=122,54
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE411−6N_8

HPE_CIE02 cone excitation
$\log[\bar{l}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
Q00: $\Sigma\bar{m}_{02,s}(\lambda)$=101,41
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE410−7N_8

HPE_CIE02 cone excitation
$\log[\bar{s}_{02,s}(\lambda)/\{0{,}5\bar{l}_{02,s}(\lambda)+0{,}5\bar{m}_{02,s}(\lambda)\}]$
Q00: $\Sigma\bar{s}_{02,s}(\lambda)$=122,54
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE410−8N_8

CIE02 spectral tristimulus value excitation
$\log[\bar{x}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
Q00: $\Sigma\bar{x}_{02,s}(\lambda)$=98,40
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE411−7N_8

CIE02 spectral tristimulus value excitation
$\log[\bar{z}_{02,s}(\lambda)/\bar{y}_{02,s}(\lambda)]$
Q00: $\Sigma\bar{z}_{02,s}(\lambda)$=122,54
$x_{02,s}$=0,3065
$y_{02,s}$=0,3115
wavelength λ/nm
BE411−8N_8

BE410−7N