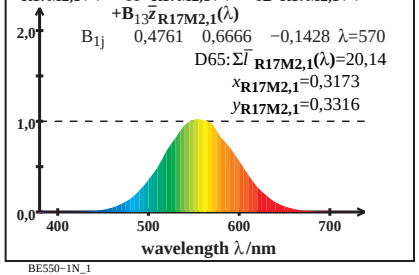
see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

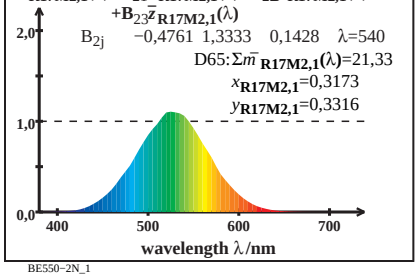
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



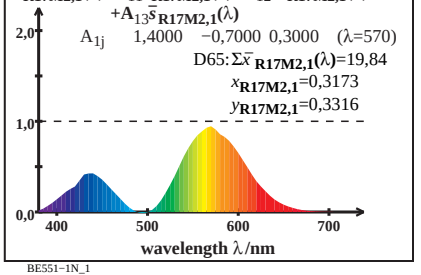
BE550−1N_1

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



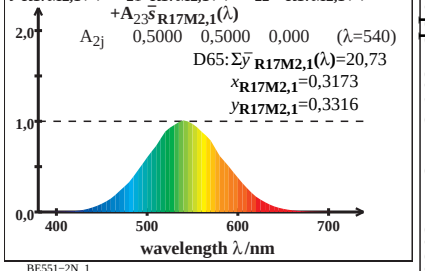
BE550−2N_1

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



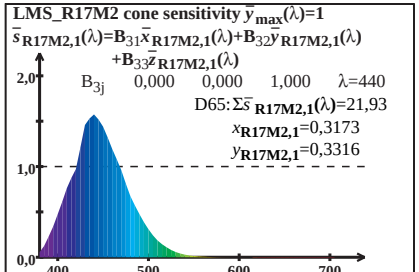
BE551−1N_1

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



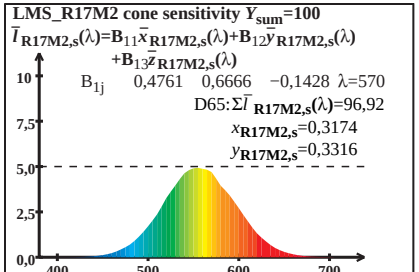
BE551−2N_1

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



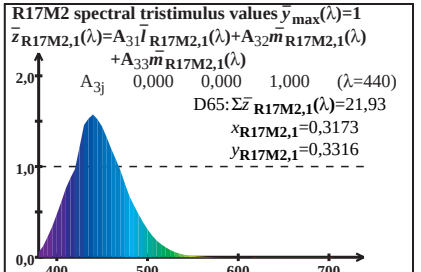
BE550−3N_1

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



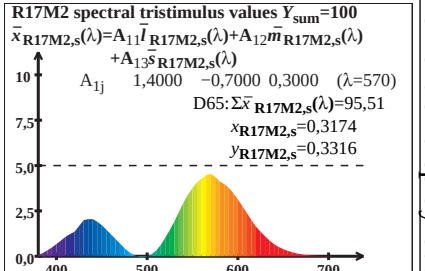
BE550−4N_1

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



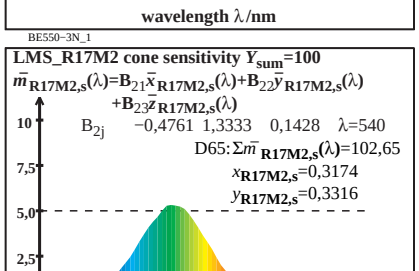
BE551−3N_1

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



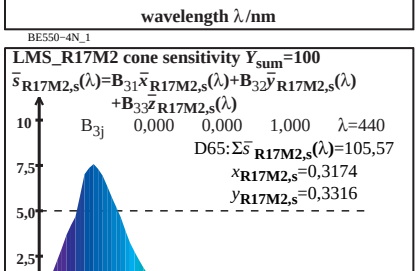
BE551−4N_1

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



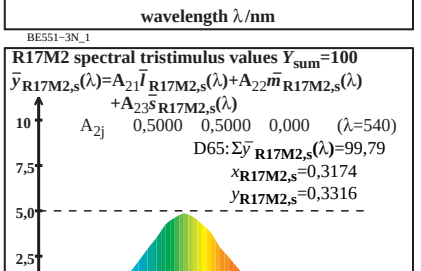
BE550−5N_1

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



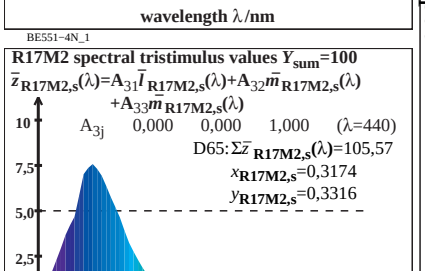
BE550−6N_1

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



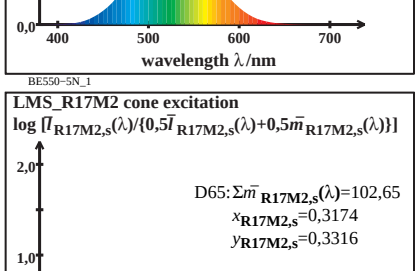
BE551−5N_1

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



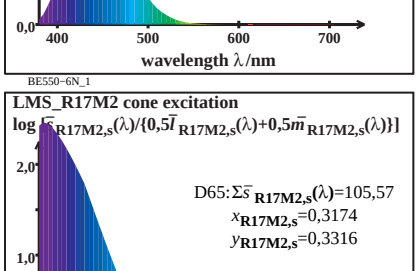
BE551−6N_1

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



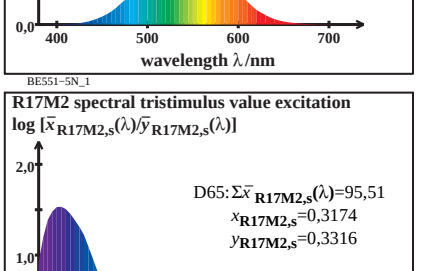
BE550−7N_1

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



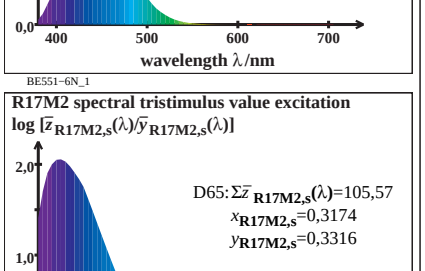
BE550−8N_1

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_1

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−8N_1

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
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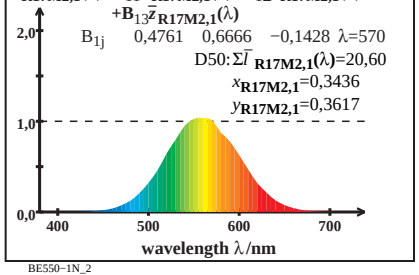
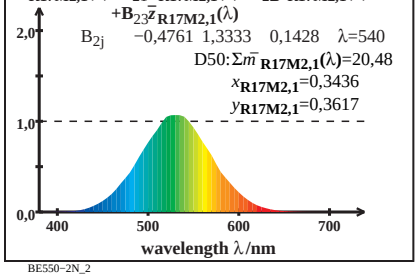
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



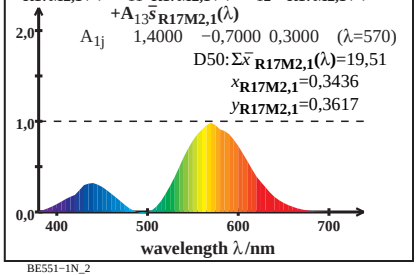
BE550−1N_2

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



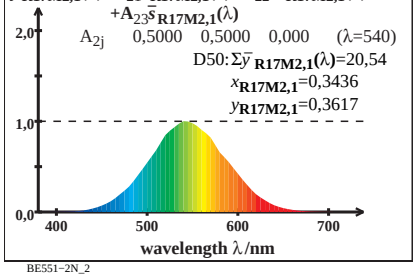
BE550−2N_2

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



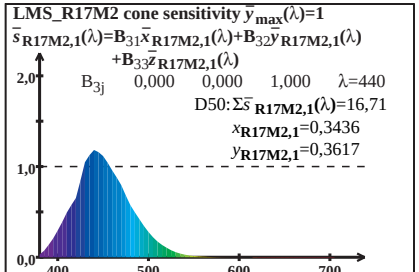
BE551−1N_2

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



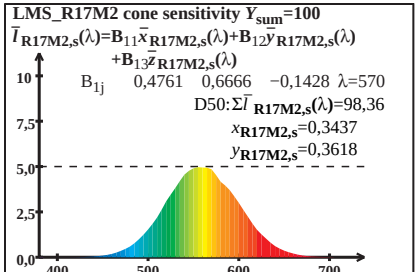
BE551−2N_2

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



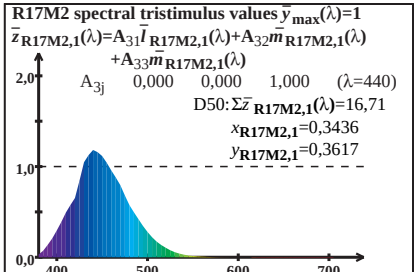
BE550−3N_2

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



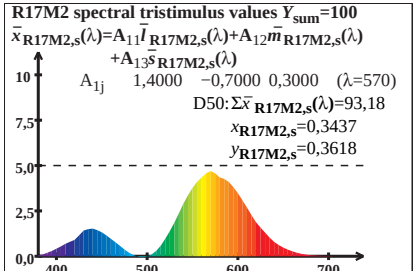
BE550−4N_2

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



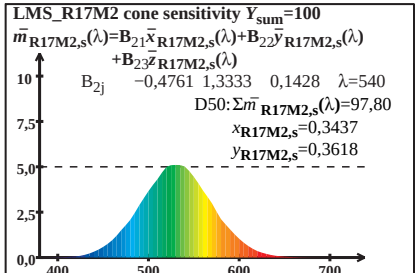
BE551−3N_2

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



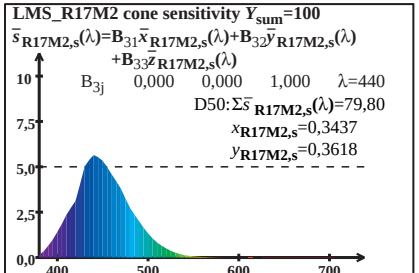
BE551−4N_2

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



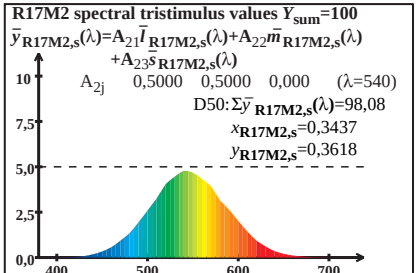
BE550−5N_2

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



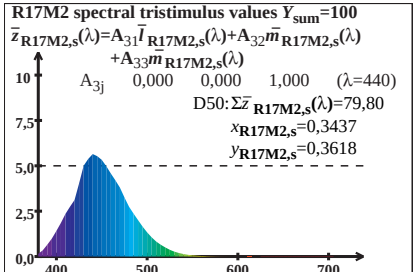
BE550−6N_2

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



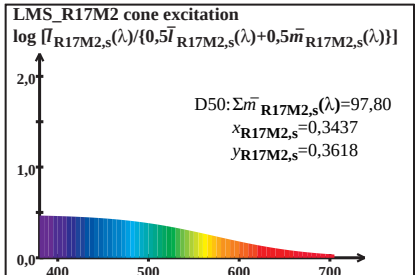
BE551−5N_2

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



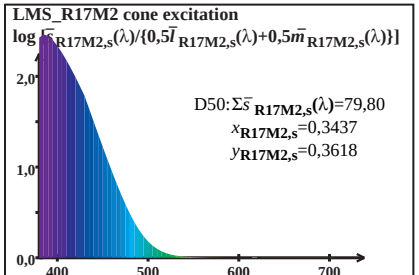
BE551−6N_2

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



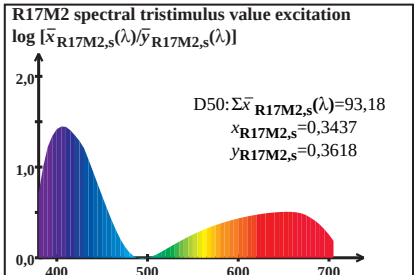
BE550−7N_2

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



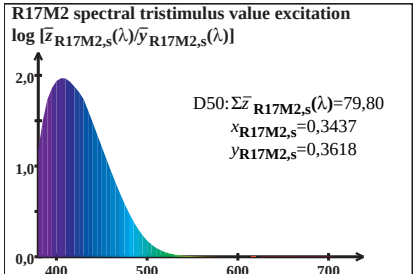
BE550−8N_2

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_2

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



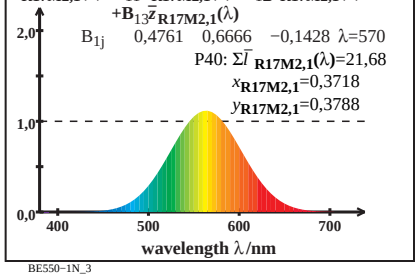
BE551−8N_2

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

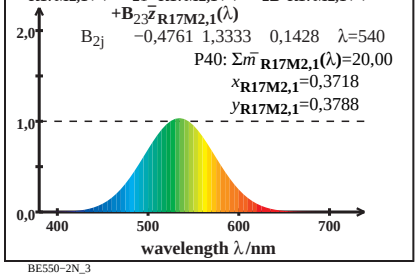
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



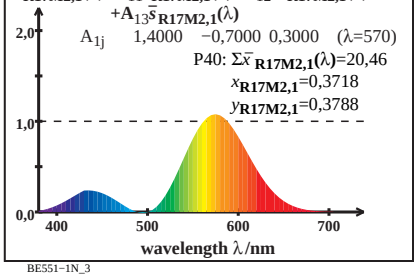
BE550−1N_3

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



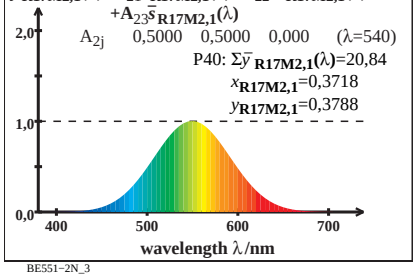
BE550−2N_3

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



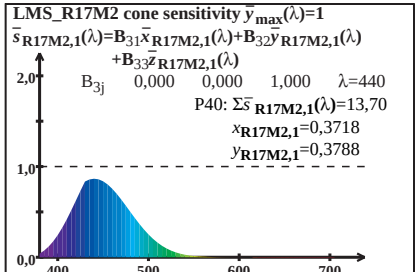
BE551−1N_3

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



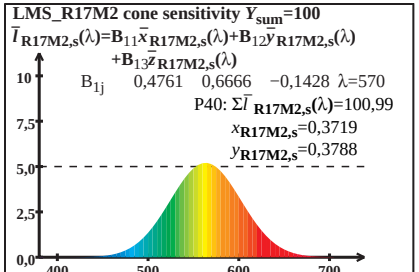
BE551−2N_3

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



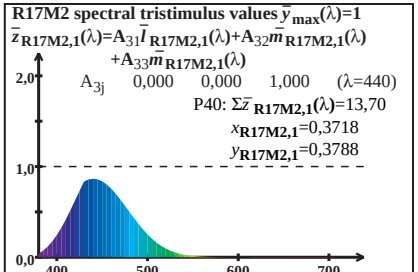
BE550−3N_3

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



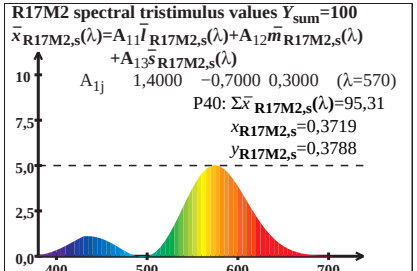
BE550−4N_3

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



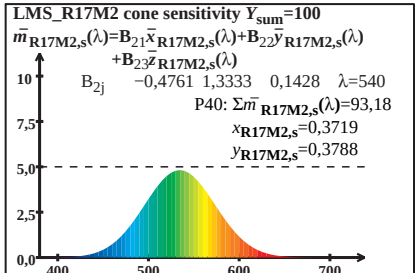
BE551−3N_3

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



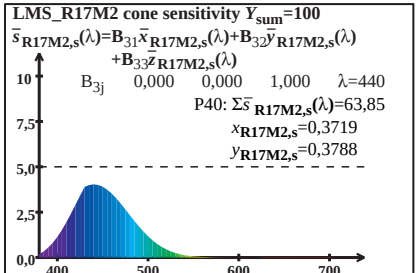
BE551−4N_3

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



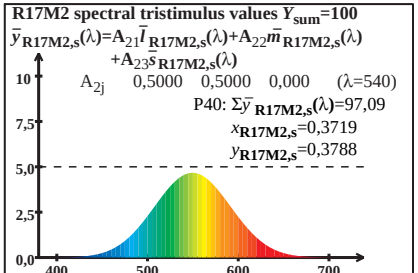
BE550−5N_3

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



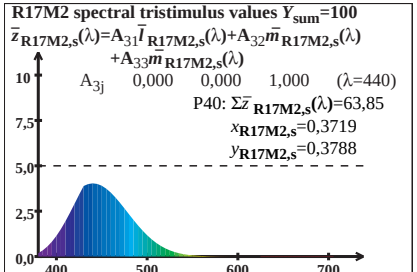
BE550−6N_3

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



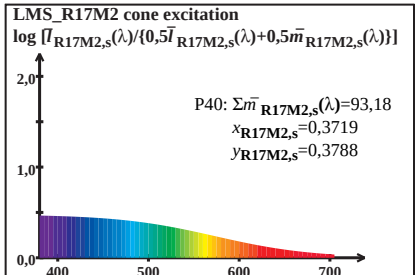
BE551−5N_3

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



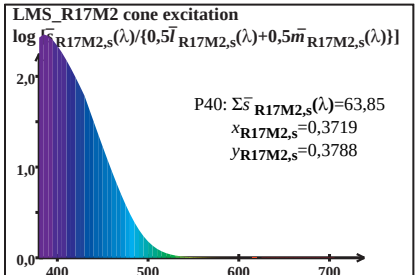
BE551−6N_3

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



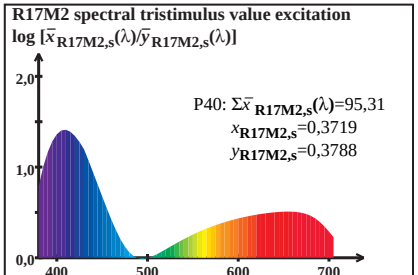
BE550−7N_3

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



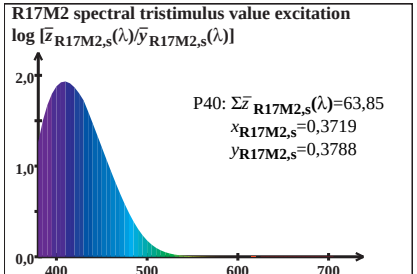
BE550−8N_3

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_3

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



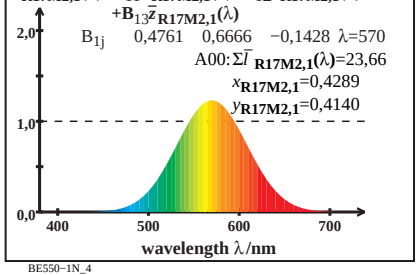
BE551−8N_3

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

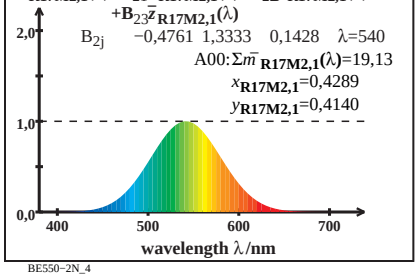
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



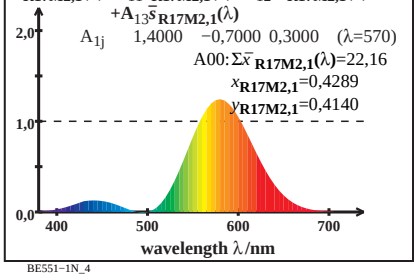
BE550−1N_4

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



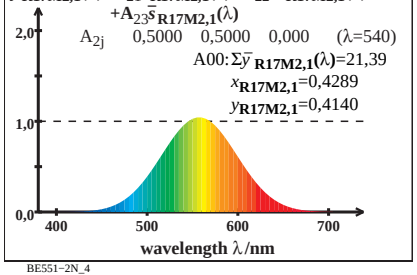
BE550−2N_4

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



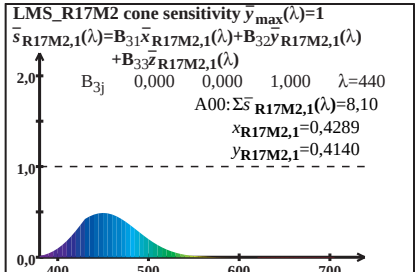
BE551−1N_4

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



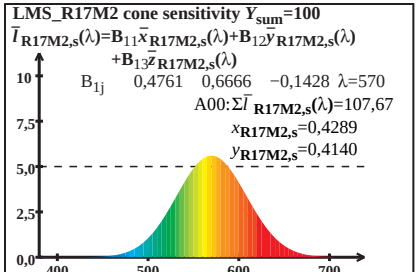
BE551−2N_4

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



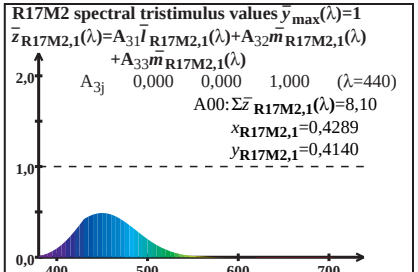
BE550−3N_4

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



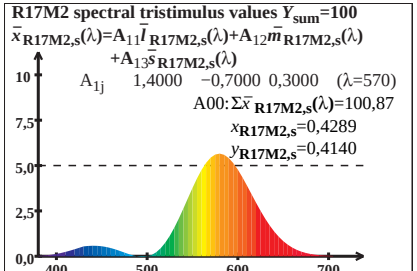
BE550−4N_4

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



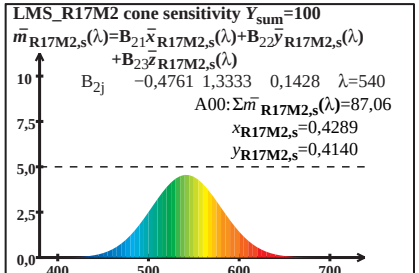
BE551−3N_4

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



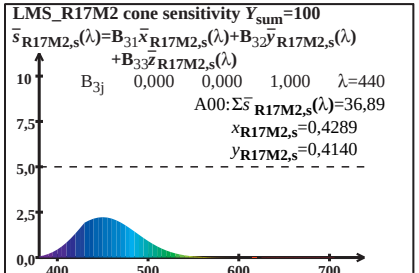
BE551−4N_4

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



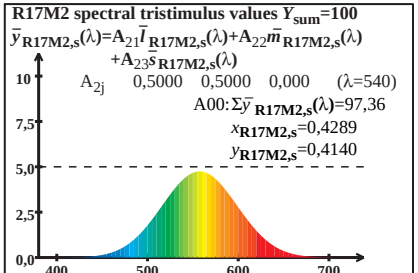
BE550−5N_4

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



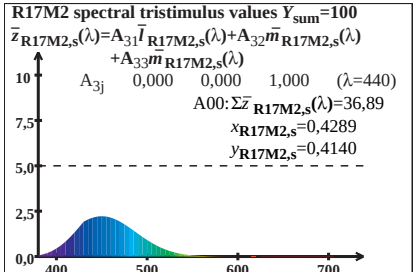
BE550−6N_4

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



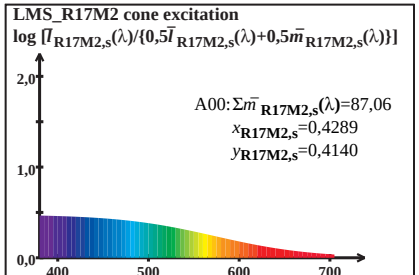
BE551−5N_4

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



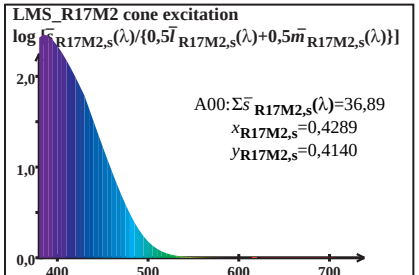
BE551−6N_4

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



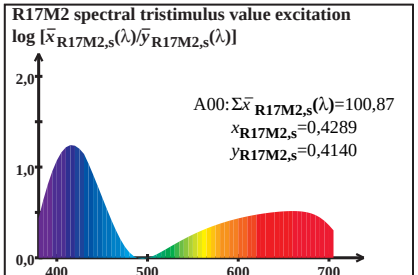
BE550−7N_4

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



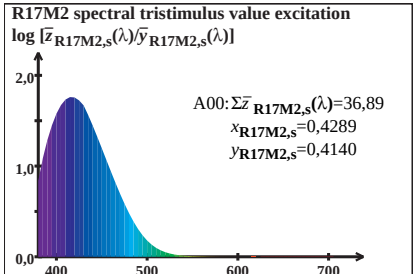
BE550−8N_4

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_4

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−8N_4

BE550−7N

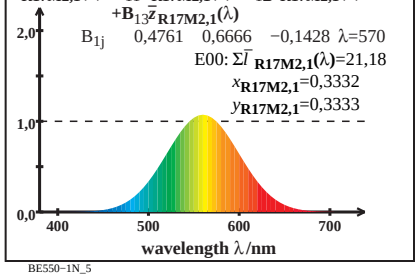
TUB-test chart BE55; LMS-R17M2 colorimetry
Cone sensivity and excitation, and spectral tristimulus values for CIE illuminant P45, linear data

input: *w/rgb/cmyk −> rgb*

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

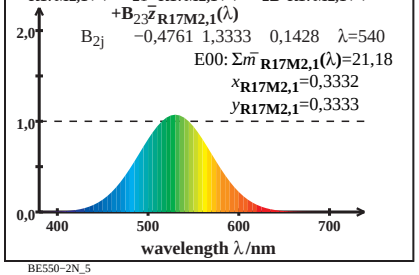
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



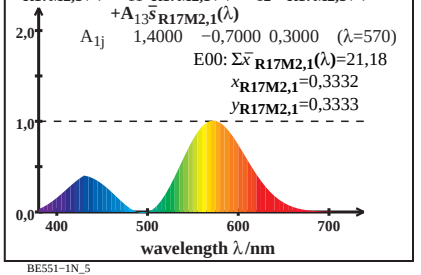
BE550−1N_5

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



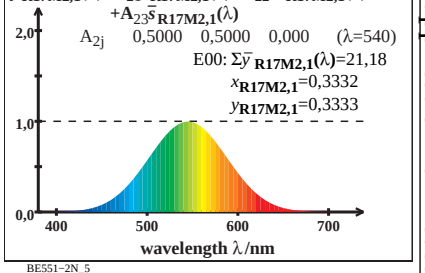
BE550−2N_5

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



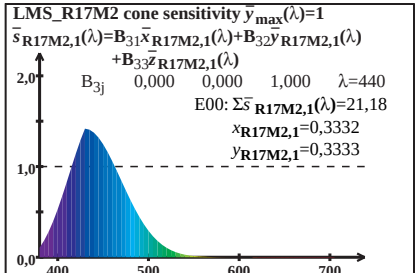
BE551−1N_5

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



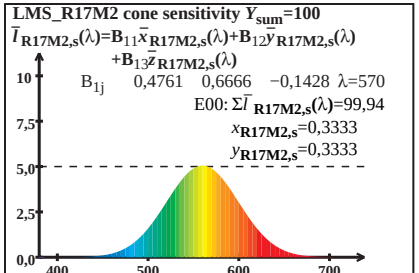
BE551−2N_5

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



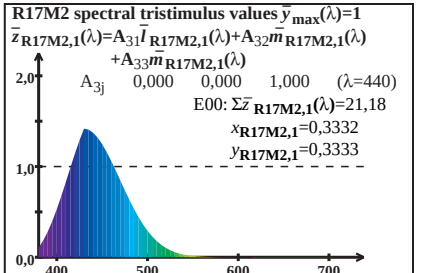
BE550−3N_5

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



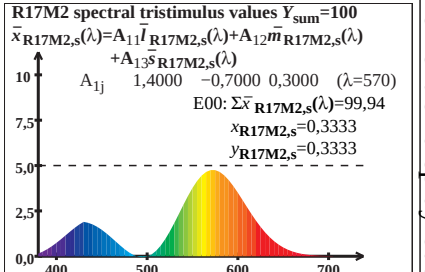
BE550−4N_5

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



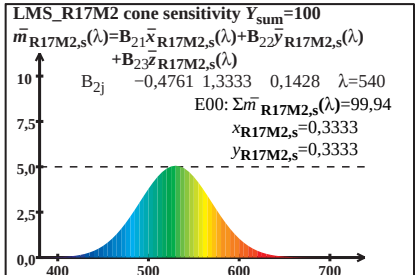
BE551−3N_5

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



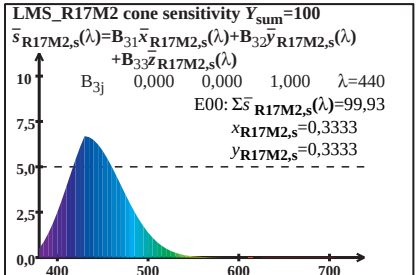
BE551−4N_5

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



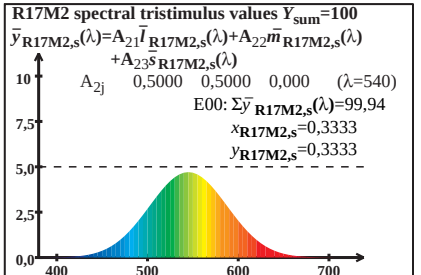
BE550−5N_5

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



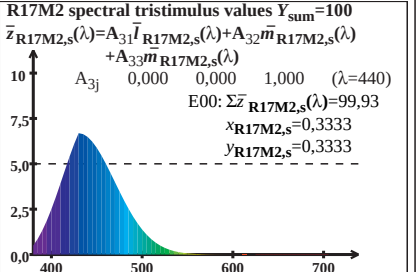
BE550−6N_5

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



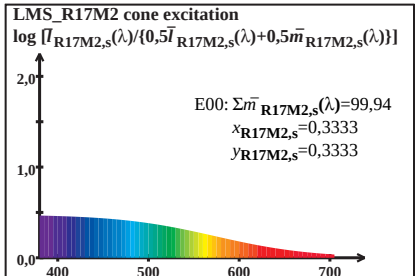
BE551−5N_5

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



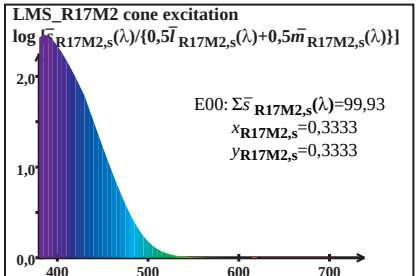
BE551−6N_5

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



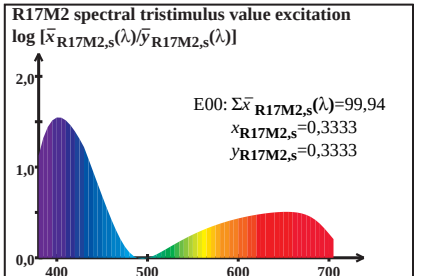
BE550−7N_5

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



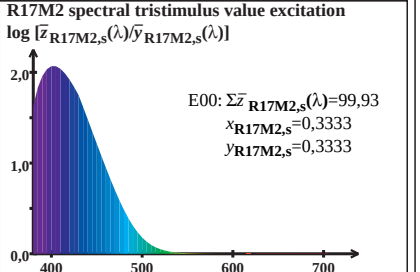
BE550−8N_5

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_5

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



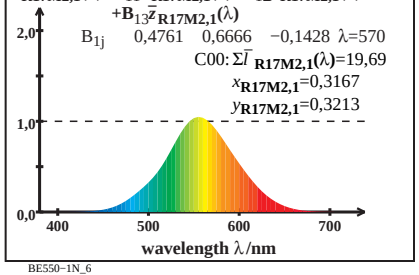
BE551−8N_5

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

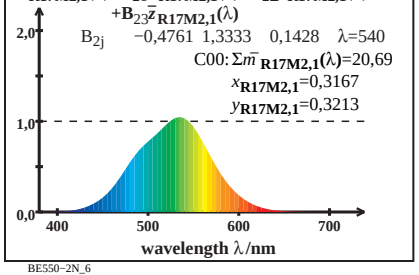
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



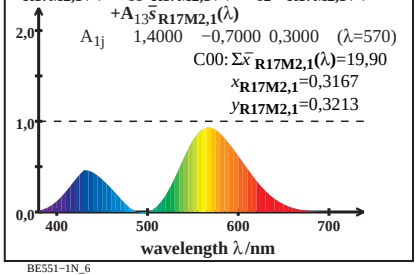
BE550−1N_6

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



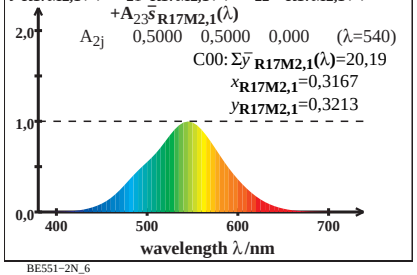
BE550−2N_6

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



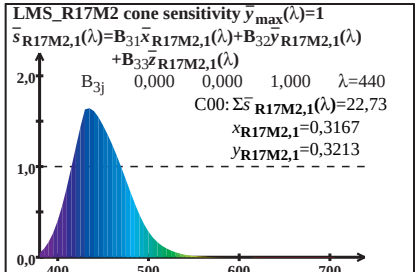
BE551−1N_6

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



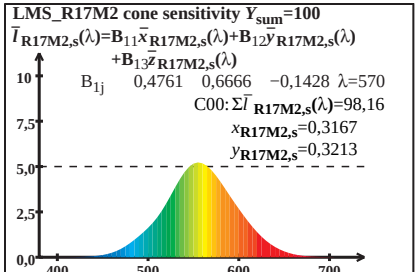
BE551−2N_6

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



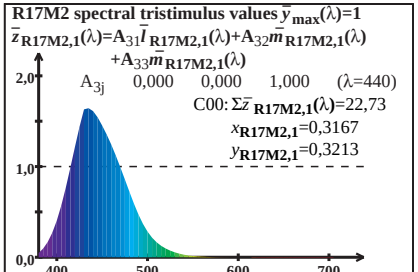
BE550−3N_6

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



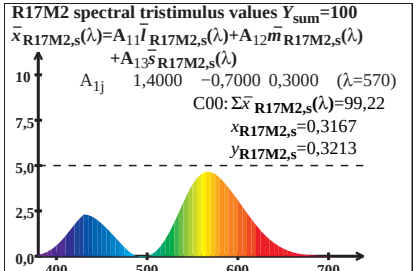
BE550−4N_6

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



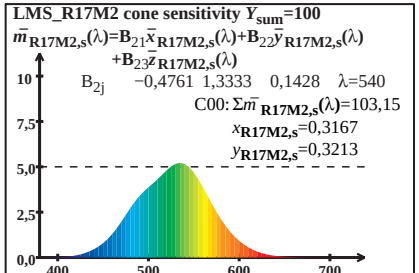
BE551−3N_6

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



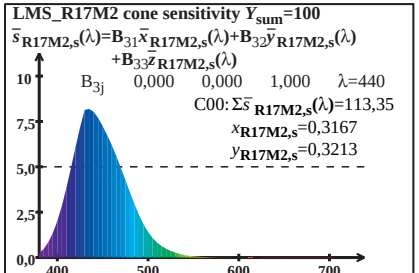
BE551−4N_6

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



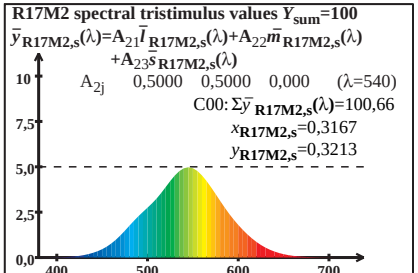
BE550−5N_6

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



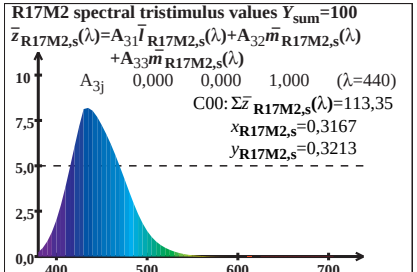
BE550−6N_6

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



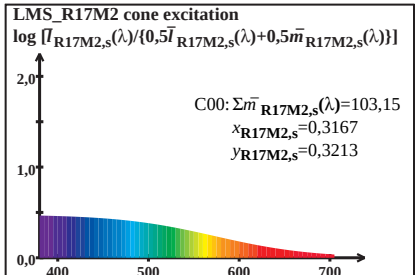
BE551−5N_6

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



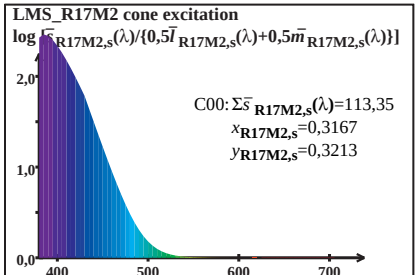
BE551−6N_6

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



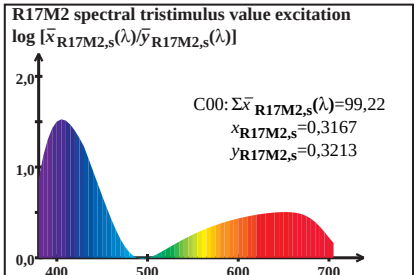
BE550−7N_6

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



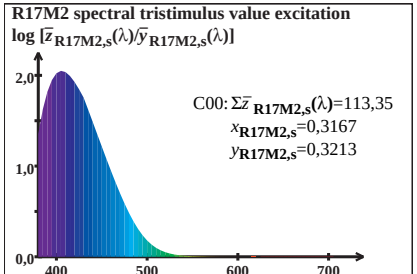
BE550−8N_6

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_6

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



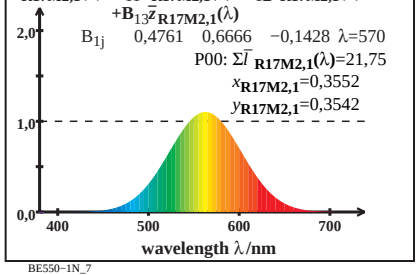
BE551−8N_6

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

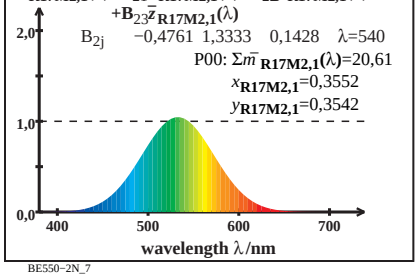
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



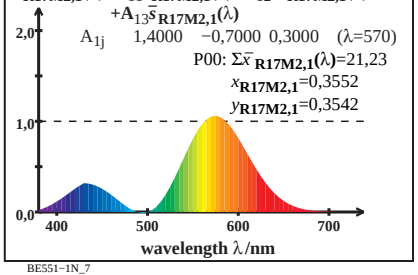
BE550−1N_7

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



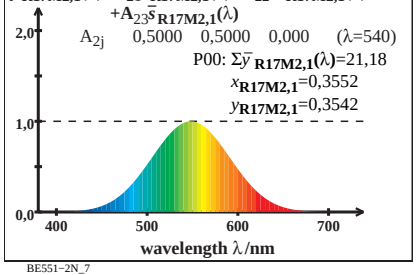
BE550−2N_7

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



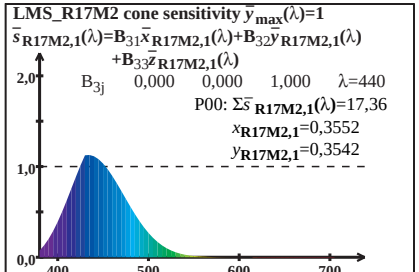
BE551−1N_7

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



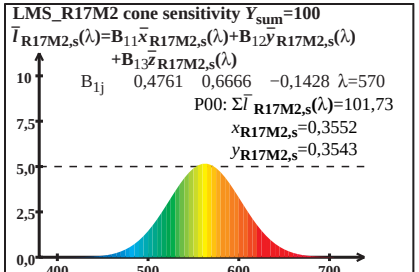
BE551−2N_7

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



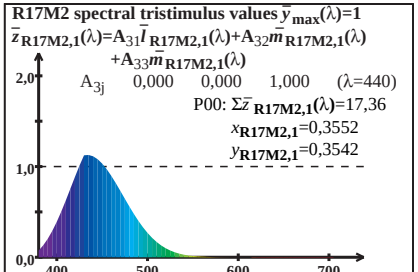
BE550−3N_7

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



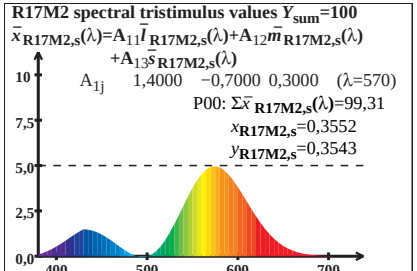
BE550−4N_7

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



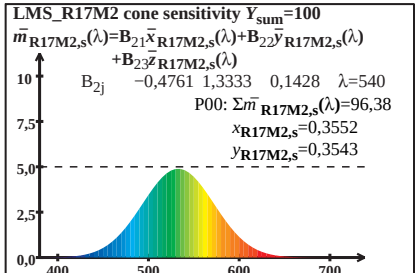
BE551−3N_7

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



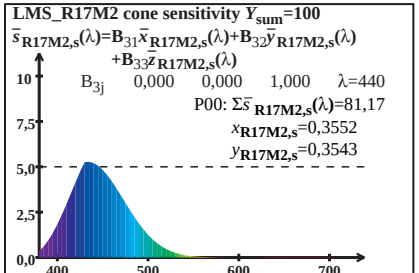
BE551−4N_7

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



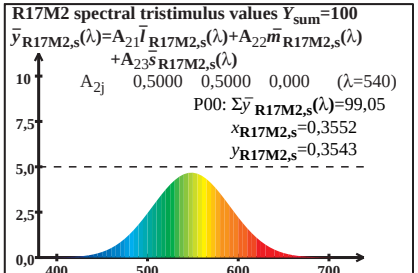
BE550−5N_7

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



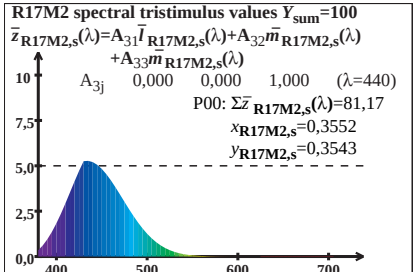
BE550−6N_7

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



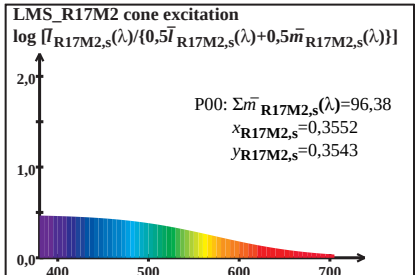
BE551−5N_7

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



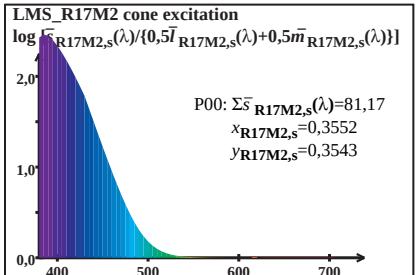
BE551−6N_7

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



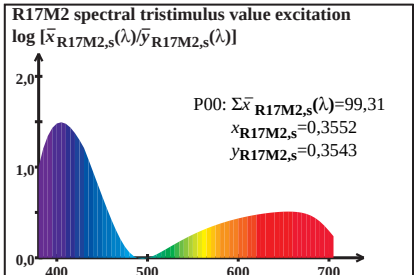
BE550−7N_7

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



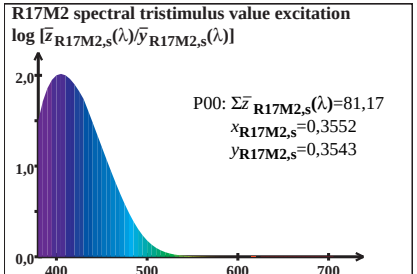
BE550−8N_7

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_7

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



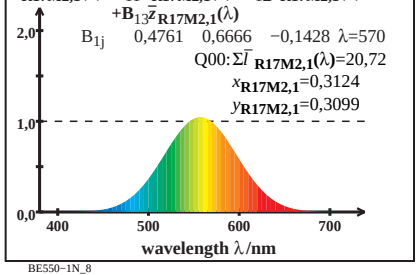
BE551−8N_7

BE550−7N

see similar files: http://farbe.li.tu-berlin.de/BE55/BE55.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

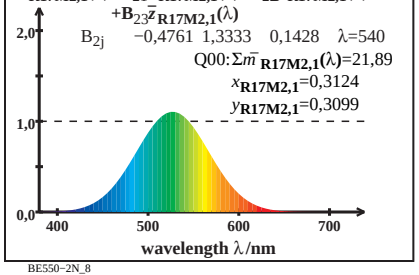
TUB registration: 20170801-BE55/BE55L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rha4ta

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{l}_{R17M2,1}(\lambda)=B_{11}\bar{x}_{R17M2,1}(\lambda)+B_{12}\bar{y}_{R17M2,1}(\lambda)+B_{13}\bar{z}_{R17M2,1}(\lambda)$



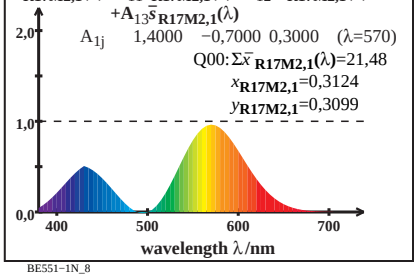
BE550−1N_8

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{m}_{R17M2,1}(\lambda)=B_{21}\bar{x}_{R17M2,1}(\lambda)+B_{22}\bar{y}_{R17M2,1}(\lambda)+B_{23}\bar{z}_{R17M2,1}(\lambda)$



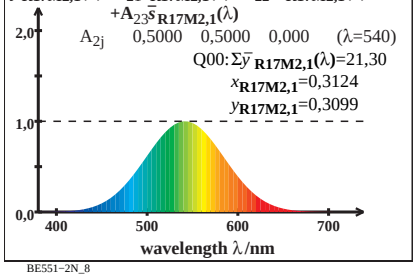
BE550−2N_8

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{x}_{R17M2,1}(\lambda)=A_{11}\bar{l}_{R17M2,1}(\lambda)+A_{12}\bar{m}_{R17M2,1}(\lambda)+A_{13}\bar{s}_{R17M2,1}(\lambda)$



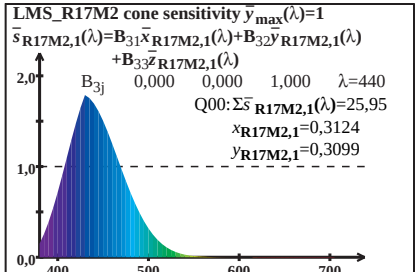
BE551−1N_8

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{y}_{R17M2,1}(\lambda)=A_{21}\bar{l}_{R17M2,1}(\lambda)+A_{22}\bar{m}_{R17M2,1}(\lambda)+A_{23}\bar{s}_{R17M2,1}(\lambda)$



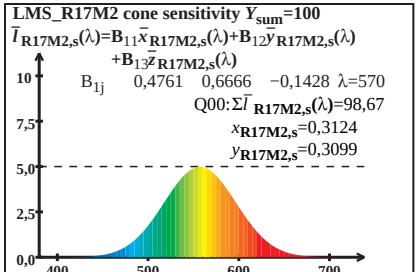
BE551−2N_8

LMS_R17M2 cone sensitivity $\bar{y}_{max}(\lambda)=1$
$\bar{s}_{R17M2,1}(\lambda)=B_{31}\bar{x}_{R17M2,1}(\lambda)+B_{32}\bar{y}_{R17M2,1}(\lambda)+B_{33}\bar{z}_{R17M2,1}(\lambda)$



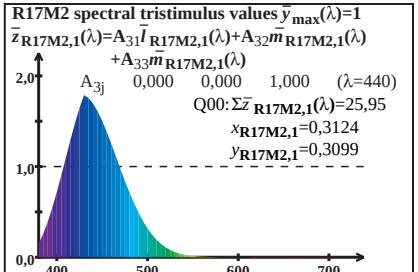
BE550−3N_8

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{l}_{R17M2,s}(\lambda)=B_{11}\bar{x}_{R17M2,s}(\lambda)+B_{12}\bar{y}_{R17M2,s}(\lambda)+B_{13}\bar{z}_{R17M2,s}(\lambda)$



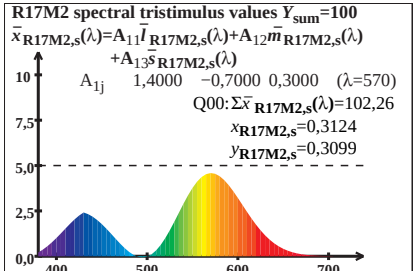
BE550−4N_8

R17M2 spectral tristimulus values $\bar{y}_{max}(\lambda)=1$
$\bar{z}_{R17M2,1}(\lambda)=A_{31}\bar{l}_{R17M2,1}(\lambda)+A_{32}\bar{m}_{R17M2,1}(\lambda)+A_{33}\bar{m}_{R17M2,1}(\lambda)$



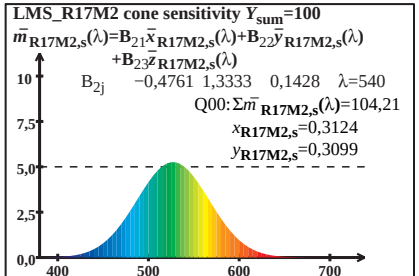
BE551−3N_8

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{x}_{R17M2,s}(\lambda)=A_{11}\bar{l}_{R17M2,s}(\lambda)+A_{12}\bar{m}_{R17M2,s}(\lambda)+A_{13}\bar{s}_{R17M2,s}(\lambda)$



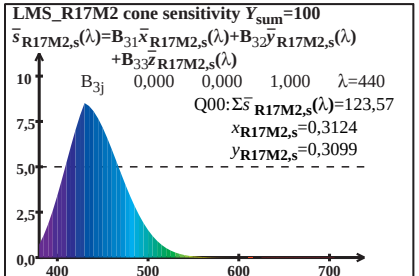
BE551−4N_8

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{m}_{R17M2,s}(\lambda)=B_{21}\bar{x}_{R17M2,s}(\lambda)+B_{22}\bar{y}_{R17M2,s}(\lambda)+B_{23}\bar{z}_{R17M2,s}(\lambda)$



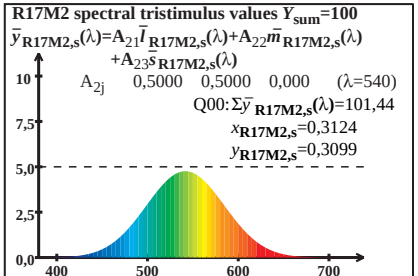
BE550−5N_8

LMS_R17M2 cone sensitivity $Y_{sum}=100$
$\bar{s}_{R17M2,s}(\lambda)=B_{31}\bar{x}_{R17M2,s}(\lambda)+B_{32}\bar{y}_{R17M2,s}(\lambda)+B_{33}\bar{z}_{R17M2,s}(\lambda)$



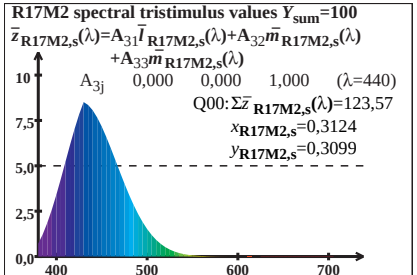
BE550−6N_8

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{y}_{R17M2,s}(\lambda)=A_{21}\bar{l}_{R17M2,s}(\lambda)+A_{22}\bar{m}_{R17M2,s}(\lambda)+A_{23}\bar{s}_{R17M2,s}(\lambda)$



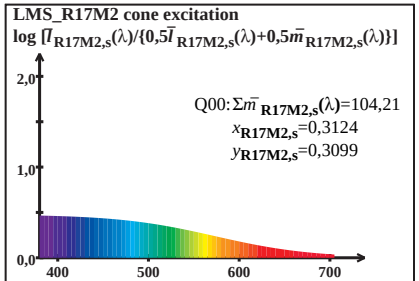
BE551−5N_8

R17M2 spectral tristimulus values $Y_{sum}=100$
$\bar{z}_{R17M2,s}(\lambda)=A_{31}\bar{l}_{R17M2,s}(\lambda)+A_{32}\bar{m}_{R17M2,s}(\lambda)+A_{33}\bar{m}_{R17M2,s}(\lambda)$



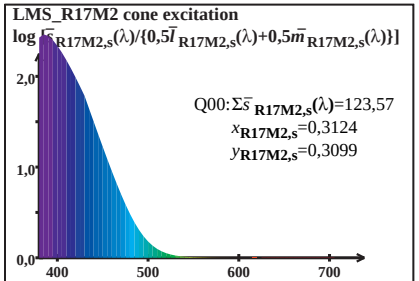
BE551−6N_8

LMS_R17M2 cone excitation
$\log[\bar{l}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



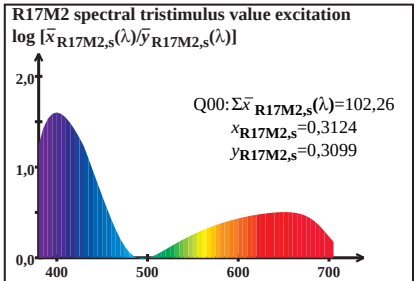
BE550−7N_8

LMS_R17M2 cone excitation
$\log[\bar{s}_{R17M2,s}(\lambda)/\{0{,}5\bar{l}_{R17M2,s}(\lambda)+0{,}5\bar{m}_{R17M2,s}(\lambda)\}]$



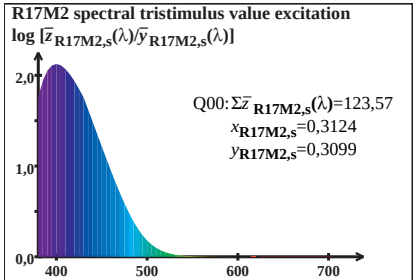
BE550−8N_8

R17M2 spectral tristimulus value excitation
$\log[\bar{x}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−7N_8

R17M2 spectral tristimulus value excitation
$\log[\bar{z}_{R17M2,s}(\lambda)/\bar{y}_{R17M2,s}(\lambda)]$



BE551−8N_8

BE550−7N