Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGM2/CGM2.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

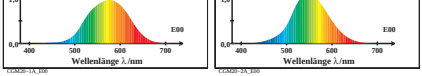
HPE_CIE02-Zapfenempfindlichkeit $\bar{l}_{max}(\lambda)$=1

$\bar{l}_{02,1}(\lambda)=B_{1l}\bar{x}_{02,1}(\lambda)+B_{2l}\bar{y}_{02,1}(\lambda)+B_{3l}\bar{z}_{02,1}(\lambda)$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

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

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



CGM20~1A_E00

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

$\bar{m}_{02,1}(\lambda)=B_{2l}\bar{x}_{02,1}(\lambda)+B_{2l}\bar{y}_{02,1}(\lambda)+B_{2l}\bar{z}_{02,1}(\lambda)$

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

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

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

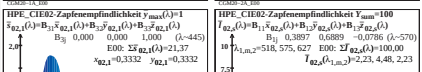
CGM20~2A_E00

HPE_CIE02-Zapfenempfindlichkeit $\bar{x}_{max}(\lambda)$=1

$\bar{s}_{02,1}(\lambda)=B_{3l}\bar{x}_{02,1}(\lambda)+B_{3l}\bar{y}_{02,1}(\lambda)+B_{3l}\bar{z}_{02,1}(\lambda)$

B_{3j} 0,000 0,000 1,000 (λ~445)

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



CGM20~3A_E00

HPE_CIE02-Zapfenempfindlichkeit Y_{sum}=100

$\bar{l}_{02,1}(\lambda)=B_{1l}\bar{x}_{02,1}(\lambda)+B_{2l}\bar{y}_{02,1}(\lambda)+B_{3l}\bar{z}_{02,1}(\lambda)$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

E00: $\Sigma\bar{l}_{02,1}(\lambda)$=100,00

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

CGM20~4A_E00

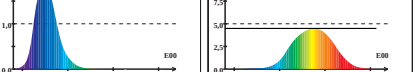
HPE_CIE02-Zapfenempfindlichkeit Y_{sum}=100

$\bar{m}_{02,1}(\lambda)=B_{2l}\bar{x}_{02,1}(\lambda)+B_{2l}\bar{y}_{02,1}(\lambda)+B_{2l}\bar{z}_{02,1}(\lambda)$

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

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

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



CGM20~5A_E00

HPE_CIE02-Zapfenempfindlichkeit Y_{sum}=100

$\bar{s}_{02,1}(\lambda)=B_{3l}\bar{x}_{02,1}(\lambda)+B_{3l}\bar{y}_{02,1}(\lambda)+B_{3l}\bar{z}_{02,1}(\lambda)$

B_{3j} 0,000 0,000 1,000 (λ~445)

$\lambda_{1,m,2}$=423, 445, 478 E00: $\Sigma\bar{s}_{02,1}(\lambda)$=100,00

$\bar{s}_{02,1}(\lambda_{1,m,2})$=4,16, 8,34, 4,16

CGM20~6A_E00

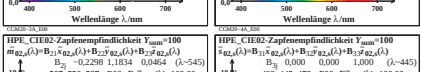
HPE_CIE02-Zapfenempfindlichkeit $\bar{l}_{max}(\lambda)$=1

$\bar{l}_{02,n}(\lambda)=[B_{1l}\bar{x}_{02,n}(\lambda)+B_{2l}\bar{y}_{02,n}(\lambda)+B_{3l}\bar{z}_{02,n}(\lambda)]/4,48$

B_{1j} 0,3897 0,6889 −0,0786 (λ~570)

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

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



CGM20~7A_E00

HPE_CIE02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)$=1

$\bar{m}_{02,n}(\lambda)=[B_{2l}\bar{x}_{02,n}(\lambda)+B_{2l}\bar{y}_{02,n}(\lambda)+B_{2l}\bar{z}_{02,n}(\lambda)]/5,04$

B_{2j} −0,2298 1,1834 0,0464 (λ~545)

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

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

CGM20~8A_E00

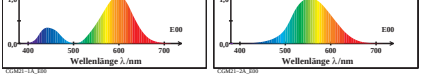
CIE02-Normspektralwerte $\bar{y}_{max}(\lambda)$=1

$\bar{x}_{02,1}(\lambda)=A_{1l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{3l}\bar{s}_{02,1}(\lambda)$

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

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

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



CGM21~1A_E00

CIE02-Normspektralwerte $Y_{max}(\lambda)$=1

$\bar{y}_{02,1}(\lambda)=A_{1l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{2l}\bar{s}_{02,1}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

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

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

CGM21~2A_E00

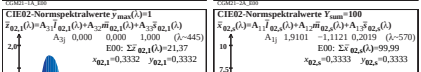
CIE02-Normspektralwerte $\bar{x}_{max}(\lambda)$=1

$\bar{z}_{02,1}(\lambda)=A_{3l}\bar{l}_{02,1}(\lambda)+A_{3l}\bar{m}_{02,1}(\lambda)+A_{3l}\bar{s}_{02,1}(\lambda)$

A_{3j} 0,000 0,000 1,000 (λ~445)

E00: $\Sigma\bar{z}_{02,1}(\lambda)$=99,99

$x_{02,1}$=0,3333 $y_{02,1}$=0,3333



CGM21~3A_E00

CIE02-Normspektralwerte Y_{sum}=100

$\bar{l}_{02,1}(\lambda)=A_{1l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{3l}\bar{s}_{02,1}(\lambda)$

A_{1j} 1,9101 −1,1121 0,2019 (λ~570)

E00: $\Sigma\bar{x}_{02,1}(\lambda)$=99,99

$x_{02,1}$=0,3333 $y_{02,1}$=0,3333

CGM21~4A_E00

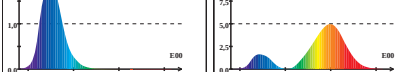
CIE02-Normspektralwerte Y_{sum}=100

$\bar{y}_{02,1}(\lambda)=A_{2l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{2l}\bar{s}_{02,1}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

E00: $\Sigma\bar{y}_{02,1}(\lambda)$=99,99

$x_{02,1}$=0,3333 $y_{02,1}$=0,3333



CGM21~5A_E00

CIE02-Normspektralwerte Y_{sum}=100

$\bar{z}_{02,1}(\lambda)=A_{3l}\bar{l}_{02,1}(\lambda)+A_{3l}\bar{m}_{02,1}(\lambda)+A_{3l}\bar{s}_{02,1}(\lambda)$

A_{3j} 0,000 0,000 1,000 (λ~445)

E00: $\Sigma\bar{z}_{02,1}(\lambda)$=100,00

$x_{02,1}$=0,3333 $y_{02,1}$=0,3333

CGM21~6A_E00

CIE02-Normspektralwerte $\bar{y}_{max}(\lambda)$=1

$\bar{y}_{02,1}(\lambda)=A_{2l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{2l}\bar{s}_{02,1}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

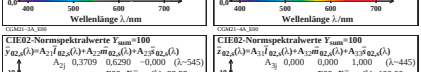
E00: $\Sigma\bar{y}_{02,1}(\lambda)$=21,37

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

$\bar{y}_1=\bar{y}_{02,1}(\lambda)$

$\bar{y}_1=A_{2l}\bar{l}_{02,1}(\lambda)$

$\bar{y}_2=A_{2l}\bar{m}_{02,1}(\lambda)$



CGM21~7A_E00

CIE02-Normspektralwerte $\bar{y}_{max}(\lambda)$=1

$\bar{y}_{02,1}(\lambda)=A_{2l}\bar{l}_{02,1}(\lambda)+A_{2l}\bar{m}_{02,1}(\lambda)+A_{2l}\bar{s}_{02,1}(\lambda)$

A_{2j} 0,3709 0,6290 −0,000 (λ~545)

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

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

$\bar{y}_1=\bar{y}_{02,1}(\lambda)$

$\bar{y}_1=A_{2l}\bar{l}_{02,1}(\lambda)$

$\bar{y}_2=A_{2l}\bar{m}_{02,1}(\lambda)$

$\bar{y}_3=a\bar{y}_2-b\bar{y}_1$

$\bar{y}_4=b\bar{y}_1-\bar{y}_2$

$a=\bar{y}_{02,1}(\lambda_a)/\bar{m}_{02,1}(\lambda_a)$

$b=\bar{y}_{02,1}(\lambda_a)/\bar{l}_{02,1}(\lambda_a)$

Adaptation:
λ_a=570nm

CGM21~8A_E00

CGM20~7N

CGM21~7N