Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGN5/CGN5.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

TUB-Registrierung: 20220101-CGN5/CGN5L0N1.TXT /.PS
Anwendung für Messung von Display−Ausgabe
TUB-Material: Code=rha4ta

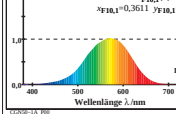
HPE_CIEF10-Zapfenempfindlichkeit $\bar{y}_{max}(\lambda)=1$

$\bar{l}_{F10,y}(\lambda)=B_{1i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{3i}\bar{z}_{F10,y}(\lambda)$

B_{1j} 0,2170 0,8357 −0,0435 (λ~570)

P00: $\Sigma\bar{l}_{F10,y}(\lambda)$=24,20

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN58−1A_P00

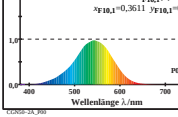
HPE_CIEF10-Zapfenempfindlichkeit $\bar{m}_{F10,y}(\lambda)=1$

$\bar{m}_{F10,y}(\lambda)=B_{2i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{2i}\bar{z}_{F10,y}(\lambda)$

B_{2j} −0,4299 1,2038 0,0862 (λ~545)

P00: $\Sigma\bar{m}_{F10,y}(\lambda)$=19,70

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN58−2A_P00

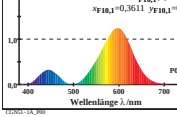
CIEF10-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{x}_{F10,y}(\lambda)=A_{1i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{1i}\bar{x}_{F10,y}(\lambda)$

A_{1j} 1,9398 −1,3466 0,4304 (λ~570)

P00: $\Sigma\bar{x}_{F10,y}(\lambda)$=24,26

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN51−1A_P00

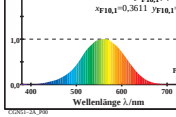
CIEF10-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F10,y}(\lambda)=A_{2i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{2i}\bar{y}_{F10,y}(\lambda)$

A_{2j} 0,6928 0,3496 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F10,y}(\lambda)$=23,65

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN51−2A_P00

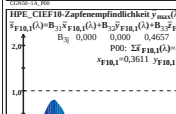
HPE_CIEF10-Zapfenempfindlichkeit $\bar{y}_{sum}(\lambda)=1$

$\bar{s}_{F10,y}(\lambda)=B_{3i}\bar{x}_{F10,y}(\lambda)+B_{3i}\bar{y}_{F10,y}(\lambda)+B_{3i}\bar{z}_{F10,y}(\lambda)$

B_{3j} 0,000 0,000 0,4657 (λ~445)

P00: $\Sigma\bar{s}_{F10,y}(\lambda)$=8,96

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN58−3A_P00

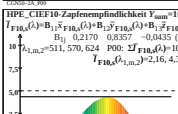
HPE_CIEF10-Zapfenempfindlichkeit $\bar{y}_{sum}=100$

$\bar{l}_{F10,y}(\lambda)=B_{1i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{2i}\bar{z}_{F10,y}(\lambda)$

B_{2j} −0,4299 1,2038 0,0862 (λ~545)

$\lambda_{1,m,2}$=496, 545, 589 P00: $\Sigma\bar{m}_{F10,y}(\lambda)$=83,30

$\bar{m}_{F10,y}(\lambda_{1,m,2})$=2,05, 4,11, 2,04



CGN58−4A_P00

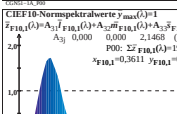
CIEF10-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{z}_{F10,y}(\lambda)=A_{3i}\bar{l}_{F10,y}(\lambda)+A_{3i}\bar{m}_{F10,y}(\lambda)+A_{3i}\bar{z}_{F10,y}(\lambda)$

A_{3j} 0,000 0,000 2,1468 (λ~445)

P00: $\Sigma\bar{z}_{F10,y}(\lambda)$=19,24

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521



CGN51−3A_P00

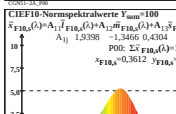
CIEF10-Normspektralwerte $\bar{y}_{sum}=100$

$\bar{x}_{F10,y}(\lambda)=A_{1i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{1i}\bar{x}_{F10,y}(\lambda)$

A_{1j} 1,9398 −1,3466 0,4304 (λ~570)

P00: $\Sigma\bar{x}_{F10,y}(\lambda)$=102,55

$x_{F10,y}$=0,3612 $y_{F10,y}$=0,3522



CGN51−4A_P00

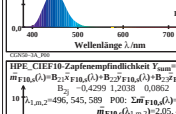
HPE_CIEF10-Zapfenempfindlichkeit $\bar{y}_{sum}=100$

$\bar{s}_{F10,y}(\lambda)=B_{3i}\bar{x}_{F10,y}(\lambda)+B_{3i}\bar{y}_{F10,y}(\lambda)+B_{3i}\bar{z}_{F10,y}(\lambda)$

B_{3j} 0,000 0,000 0,4657 (λ~445)

$\lambda_{1,m,2}$=422, 450, 475 P00: $\Sigma\bar{s}_{F10,y}(\lambda)$=37,88

$\bar{s}_{F10,y}(\lambda_{1,m,2})$=1,69, 3,39, 1,69



CGN58−5A_P00

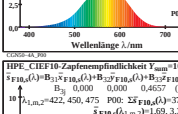
HPE_CIEF10-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

$\bar{m}_{F10,y}(\lambda)=[B_{2i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{2i}\bar{z}_{F10,y}(\lambda)]$

B_{2j} 0,2170 0,8357 −0,0435 (λ~570)

$\lambda_{1,m,2}$=511, 570, 624 P00: $\Sigma\bar{l}_{F10,y}(\lambda)$=102,28

$\bar{l}_{F10,y}(\lambda_{1,m,2})$=2,16, 4,33, 2,16



CGN58−6A_P00

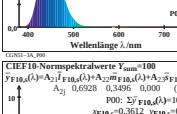
CIEF10-Normspektralwerte $\bar{y}_{sum}=100$

$\bar{z}_{F10,y}(\lambda)=A_{3i}\bar{l}_{F10,y}(\lambda)+A_{3i}\bar{m}_{F10,y}(\lambda)+A_{3i}\bar{z}_{F10,y}(\lambda)$

A_{3j} 0,000 0,000 2,1468 (λ~445)

P00: $\Sigma\bar{z}_{F10,y}(\lambda)$=81,34

$x_{F10,y}$=0,3612 $y_{F10,y}$=0,3522



CGN51−5A_P00

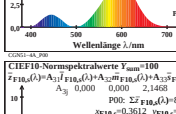
CIEF10-Normspektralwerte $\bar{y}_{sum}=100$

$\bar{y}_{F10,y}(\lambda)=A_{2i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{2i}\bar{y}_{F10,y}(\lambda)$

A_{2j} 0,6928 0,3496 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F10,y}(\lambda)$=100,00

$x_{F10,y}$=0,3612 $y_{F10,y}$=0,3522



CGN51−6A_P00

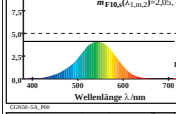
HPE_CIEF10-Zapfenempfindlichkeit $\bar{l}_{max}(\lambda)=1$

$\bar{l}_{F10,y}(\lambda)=B_{1i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{2i}\bar{z}_{F10,y}(\lambda)$

B_{1j} 0,2170 0,8357 −0,0435 (λ~570)

$\lambda_{1,m,2}$=511, 570, 624 P00: $\Sigma\bar{l}_{F10,y}(\lambda)$=102,28

$\bar{l}_{F10,y}(\lambda_{1,m,2})$=2,16, 4,33, 2,16



CGN58−7A_P00

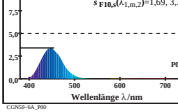
HPE_CIEF10-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

$\bar{m}_{F10,y}(\lambda)=[B_{2i}\bar{x}_{F10,y}(\lambda)+B_{2i}\bar{y}_{F10,y}(\lambda)+B_{2i}\bar{z}_{F10,y}(\lambda)]$

B_{2j} −0,4299 1,2038 0,0862 (λ~545)

$\lambda_{1,m,2}$=496, 545, 589 P00: $\Sigma\bar{m}_{F10,y}(\lambda)$=83,30

$\bar{m}_{F10,y}(\lambda_{1,m,2})$=2,05, 4,11, 2,04



CGN58−8A_P00

CIEF10-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F10,y}(\lambda)=A_{2i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{2i}\bar{y}_{F10,y}(\lambda)$

A_{2j} 0,6928 0,3496 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F10,y}(\lambda)$=23,65

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521

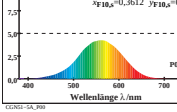
$\bar{y}_0=\bar{y}_{F10,y}(\lambda)$

$\bar{y}_1=A_{2i}\bar{l}_{F10,y}(\lambda)$

$\bar{y}_2=A_{2i}\bar{m}_{F10,y}(\lambda)$

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

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



CGN51−7A_P00

CIEF10-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F10,y}(\lambda)=A_{2i}\bar{l}_{F10,y}(\lambda)+A_{2i}\bar{m}_{F10,y}(\lambda)+A_{2i}\bar{y}_{F10,y}(\lambda)$

A_{2j} 0,6928 0,3496 0,000 (λ~545)

P00: $\Sigma\bar{y}_{F10,y}(\lambda)$=23,65

$x_{F10,y}$=0,3611 $y_{F10,y}$=0,3521

$\bar{y}_0=\bar{y}_{F10,y}(\lambda)$

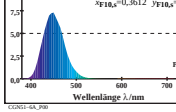
$\bar{y}_1=A_{2i}\bar{l}_{F10,y}(\lambda)$

$\bar{y}_2=A_{2i}\bar{m}_{F10,y}(\lambda)$

$a=\bar{y}_{F10,y}(\lambda_M)/\bar{m}_{F10,y}(\lambda_M)$

$b=\bar{y}_{F10,y}(\lambda_M)/\bar{l}_{F10,y}(\lambda_M)$

Adaptation:
λ_M=570nm



CGN51−8A_P00