Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/CGO8/CGO8.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

TUB-Registrierung: 20220101-CGO8/CGO8L0N1.TXT /.PS
Anwendung für Messung von Offsetdruck-Ausgabe
TUB-Material: Code=rha4ta

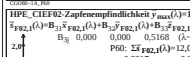
HPE_CIEF02-Zapfenempfindlichkeit $y_{max}(\lambda)=1$

$\bar{l}_{F02,1}(\lambda)=B_{1l}\bar{x}_{F02,1}(\lambda)+B_{2l}\bar{y}_{F02,1}(\lambda)+B_{3l}\bar{z}_{F02,1}(\lambda)$

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

P60: $\Sigma\bar{l}_{F02,1}(\lambda)=22,68$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO80-1A_P60

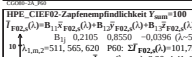
HPE_CIEF02-Zapfenempfindlichkeit $y_{max}(\lambda)=1$

$\bar{m}_{F02,1}(\lambda)=B_{2l}\bar{x}_{F02,1}(\lambda)+B_{2l}\bar{y}_{F02,1}(\lambda)+B_{2l}\bar{z}_{F02,1}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

P60: $\Sigma\bar{m}_{F02,1}(\lambda)=19,04$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO80-2A_P60

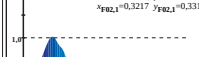
HPE_CIEF02-Zapfenempfindlichkeit $y_{max}(\lambda)=1$

$\bar{s}_{F02,1}(\lambda)=B_{3l}\bar{x}_{F02,1}(\lambda)+B_{3l}\bar{y}_{F02,1}(\lambda)+B_{3l}\bar{z}_{F02,1}(\lambda)$

B_{3j} 0,000 0,000 0,5168 (λ~445)

P60: $\Sigma\bar{s}_{F02,1}(\lambda)=12,03$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO80-3A_P60

HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=1$

$\bar{y}_{F02,s}(\lambda)=B_{1l}\bar{x}_{F02,s}(\lambda)+B_{2l}\bar{y}_{F02,s}(\lambda)+B_{3l}\bar{z}_{F02,s}(\lambda)$

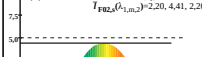
B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=511, 565, 620 P60: $\Sigma\bar{y}_{F02,s}(\lambda)=101,79$

$\bar{l}_{F02,s}(\lambda_{1,m,2})=2,20, 4,41, 2,20$



CGO80-4A_P60

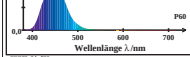
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

$\bar{m}_{F02,s}(\lambda)=B_{2l}\bar{x}_{F02,s}(\lambda)+B_{2l}\bar{y}_{F02,s}(\lambda)+B_{2l}\bar{z}_{F02,s}(\lambda)$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 540, 587 P60: $\Sigma\bar{m}_{F02,s}(\lambda)=85,46$

$\bar{m}_{F02,s}(\lambda_{1,m,2})=2,26, 4,54, 2,26$



CGO80-5A_P60

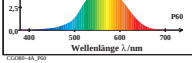
HPE_CIEF02-Zapfenempfindlichkeit $Y_{sum}=100$

$\bar{s}_{F02,s}(\lambda)=B_{3l}\bar{x}_{F02,s}(\lambda)+B_{3l}\bar{y}_{F02,s}(\lambda)+B_{3l}\bar{z}_{F02,s}(\lambda)$

B_{3j} 0,000 0,000 0,5168 (λ~445)

$\lambda_{1,m,2}$=418, 445, 476 P60: $\Sigma\bar{s}_{F02,s}(\lambda)=54,00$

$\bar{s}_{F02,s}(\lambda_{1,m,2})=2,28, 4,58, 2,29$



CGO80-6A_P60

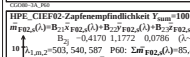
HPE_CIEF02-Zapfenempfindlichkeit $l_{max}(\lambda)=1$

$\bar{l}_{F02,1}(\lambda)=[B_{1l}\bar{x}_{F02,d}(\lambda)+B_{1l}\bar{y}_{F02,d}(\lambda)+B_{1l}\bar{z}_{F02,d}(\lambda)]$

B_{1j} 0,2105 0,8550 −0,0396 (λ~570)

$\lambda_{1,m,2}$=511, 565, 620 P60: $\Sigma\bar{l}_{F02,d}(\lambda)=101,79$

$\bar{l}_{F02,d}(\lambda_{1,m,2})=2,20, 4,41, 2,20$



CGO80-7A_P60

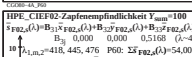
HPE_CIEF02-Zapfenempfindlichkeit $\bar{m}_{max}(\lambda)=1$

$\bar{m}_{F02,d}(\lambda)=[B_{2l}\bar{x}_{F02,d}(\lambda)+B_{2l}\bar{y}_{F02,d}(\lambda)+B_{2l}\bar{z}_{F02,d}(\lambda)]$

B_{2j} −0,4170 1,1772 0,0786 (λ~545)

$\lambda_{1,m,2}$=503, 540, 587 P60: $\Sigma\bar{m}_{F02,d}(\lambda)=85,46$

$\bar{m}_{F02,d}(\lambda_{1,m,2})=2,26, 4,54, 2,26$



CGO80-8A_P60

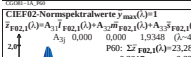
CIEF02-Normspektralwerte $\bar{x}_{max}(\lambda)=1$

$\bar{x}_{F02,1}(\lambda)=A_{1l}\bar{l}_{F02,1}(\lambda)+A_{2l}\bar{m}_{F02,1}(\lambda)+A_{3l}\bar{s}_{F02,1}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P60: $\Sigma\bar{x}_{F02,1}(\lambda)=21,62$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO81-1A_P60

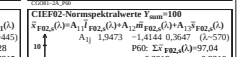
CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{1j}\bar{l}_{F02,1}(\lambda)+A_{2j}\bar{m}_{F02,1}(\lambda)+A_{3j}\bar{s}_{F02,1}(\lambda)$

A_{1j} 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)=22,28$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO81-2A_P60

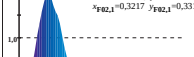
CIEF02-Normspektralwerte $\bar{z}_{max}(\lambda)=1$

$\bar{z}_{F02,1}(\lambda)=A_{3l}\bar{l}_{F02,1}(\lambda)+A_{3l}\bar{m}_{F02,1}(\lambda)+A_{3l}\bar{s}_{F02,1}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ~445)

P60: $\Sigma\bar{z}_{F02,1}(\lambda)=23,28$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$



CGO81-3A_P60

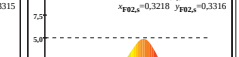
CIEF02-Normspektralwerte $\bar{x}_{sum}=100$

$\bar{x}_{F02,s}(\lambda)=A_{1l}\bar{l}_{F02,s}(\lambda)+A_{2l}\bar{m}_{F02,s}(\lambda)+A_{3l}\bar{s}_{F02,s}(\lambda)$

A_{1j} 1,9473 −1,4144 0,3647 (λ~570)

P60: $\Sigma\bar{x}_{F02,s}(\lambda)=97,04$

$x_{F02,s}=0,3218$ $y_{F02,s}=0,3316$



CGO81-4A_P60

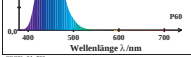
CIEF02-Normspektralwerte $Y_{sum}=100$

$\bar{y}_{F02,s}(\lambda)=A_{2l}\bar{l}_{F02,s}(\lambda)+A_{2l}\bar{m}_{F02,s}(\lambda)+A_{2l}\bar{s}_{F02,s}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,s}(\lambda)=99,99$

$x_{F02,s}=0,3218$ $y_{F02,s}=0,3316$



CGO81-5A_P60

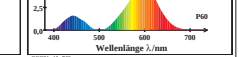
CIEF02-Normspektralwerte $Z_{sum}=100$

$\bar{z}_{F02,s}(\lambda)=A_{3l}\bar{l}_{F02,s}(\lambda)+A_{3l}\bar{m}_{F02,s}(\lambda)+A_{3l}\bar{s}_{F02,s}(\lambda)$

A_{3j} 0,000 0,000 1,9348 (λ~445)

P60: $\Sigma\bar{z}_{F02,s}(\lambda)=104,49$

$x_{F02,s}=0,3218$ $y_{F02,s}=0,3316$



CGO81-6A_P60

CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{2l}\bar{l}_{F02,1}(\lambda)+A_{2l}\bar{m}_{F02,1}(\lambda)+A_{2l}\bar{s}_{F02,1}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)=22,28$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

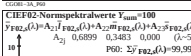
$\bar{y}_1=A_{2l}\bar{l}_{F02,1}(\lambda)$

$\bar{y}_2=A_{2l}\bar{m}_{F02,1}(\lambda)$

$\bar{y}_3=a\bar{y}_{F02,1}(\lambda)-b\bar{y}_{F02,1}(\lambda_m)$

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

Adaptation: λ_m=570nm



CGO81-7A_P60

CIEF02-Normspektralwerte $\bar{y}_{max}(\lambda)=1$

$\bar{y}_{F02,1}(\lambda)=A_{2l}\bar{l}_{F02,1}(\lambda)+A_{2l}\bar{m}_{F02,1}(\lambda)+A_{2l}\bar{s}_{F02,1}(\lambda)$

A_{2j} 0,6899 0,3483 0,000 (λ~545)

P60: $\Sigma\bar{y}_{F02,1}(\lambda)=22,28$

$x_{F02,1}=0,3217$ $y_{F02,1}=0,3315$

$\bar{y}_0=\bar{y}_{F02,1}(\lambda)$

$\bar{y}_1=A_{2l}\bar{l}_{F02,1}(\lambda)$

$\bar{y}_2=A_{2l}\bar{m}_{F02,1}(\lambda)$

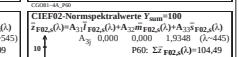
$a=\bar{y}_{F02,1}(\lambda_m)/\bar{m}_{F02,1}(\lambda_m)$

$b=\bar{y}_{F02,1}(\lambda_m)/\bar{l}_{F02,1}(\lambda_m)$

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

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

Adaptation: λ_m=570nm



CGO81-8A_P60