See for similar files: http://www.ps.bam.de/SE50/
Technical information: http://www.ps.bam.de Version 2.1, lo=0.0, CIELAB

BAM registration: 20060101-SE50/10Q/Q50E00F1.PS/.TXT
BAM material: code=tha4a
application for evaluation and measurement of printer or monitor systems

Input: Colorimetric Offset Reflective System ORS18
for hue $h^* = lab^*h = 38/360 = 0.105$
*lab*ch* and *lab*nch*

A: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 47.94	65.39	50.52	82.63	38
Y_{Ma} 90.37	−10.26	91.75	92.32	96
L_{Ma} 50.9	−62.83	34.96	71.91	151
C_{Ma} 58.62	−30.34	−45.01	54.3	236
V_{Ma} 25.72	31.1	−44.4	54.22	305
M_{Ma} 48.13	75.28	−8.36	75.74	354
N_{Ma} 18.01	0.0	0.0	0.0	0
W_{Ma} 95.41	0.0	0.0	0.0	0
R_{CIE} 39.92	58.66	26.98	64.57	25
J_{CIE} 81.26	−2.16	67.76	67.79	92
G_{CIE} 52.23	−42.25	11.76	43.87	164
B_{CIE} 30.57	1.15	−46.84	46.86	271

%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

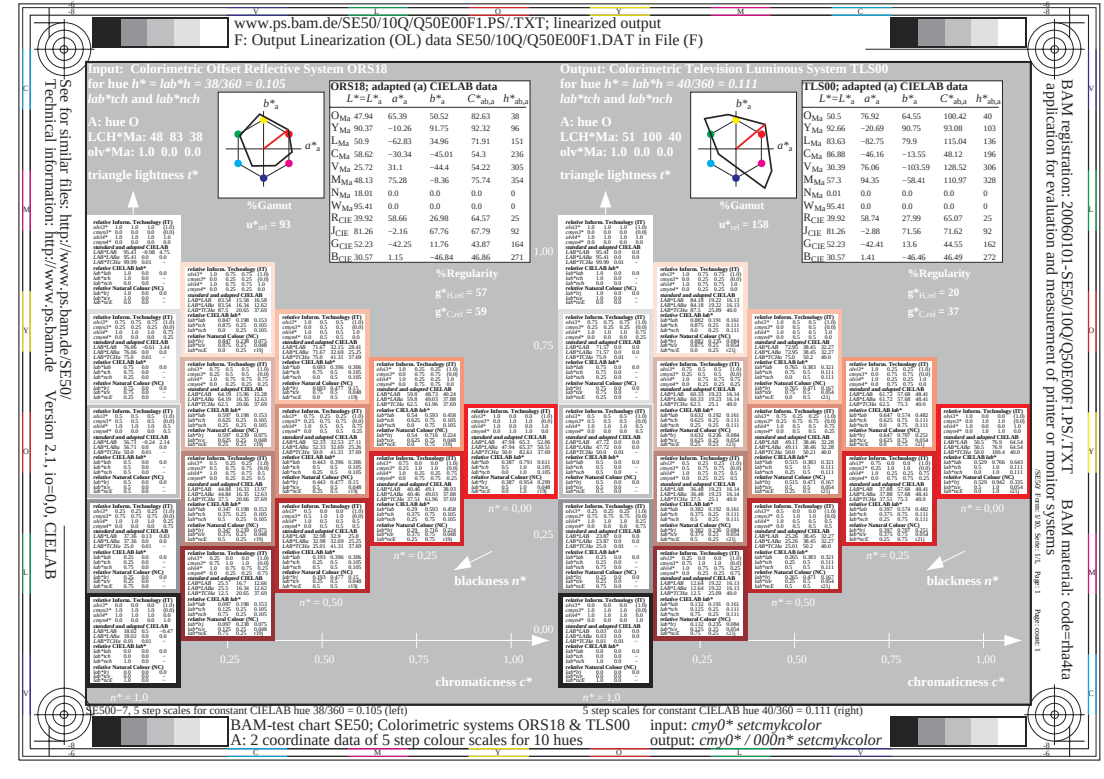
Output: Colorimetric Television Luminous System TLS00
for hue $h^* = lab^*h = 40/360 = 0.111$
*lab*ch* and *lab*nch*

A: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 50.5	76.92	64.55	100.42	40
Y_{Ma} 92.66	−20.69	90.75	93.08	103
L_{Ma} 83.63	−82.75	79.9	115.04	136
C_{Ma} 86.88	−46.16	−13.55	48.12	196
V_{Ma} 30.39	76.06	−103.59	128.52	306
M_{Ma} 57.3	94.35	−58.41	110.97	328
N_{Ma} 0.01	0.0	0.0	0.0	0
W_{Ma} 95.41	0.0	0.0	0.0	0
R_{CIE} 39.92	58.74	27.99	65.07	25
J_{CIE} 81.26	−2.88	71.56	71.62	92
G_{CIE} 52.23	−42.41	13.6	44.55	162
B_{CIE} 30.57	1.41	−46.46	46.49	272

%Regularity
$g^*_{H,rel} = 20$
$g^*_{C,rel} = 37$



SE50/−7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart SE50; Colorimetric systems ORS18 & TLS00
A: 2 coordinate data of 5 step colour scales for 10 hues

input: *cmy0* setcmykcolor*
output: *cmy0* / 000n* setcmykcolor*