

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------|-------|---------|---------------|--------------|
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.01 |
| 2 | 6.36 | 0.0 | 0.07 | 6.36 | 0.01 |
| 3 | 12.72 | 0.0 | 0.13 | 12.72 | 0.01 |
| 4 | 19.08 | 0.0 | 0.2 | 19.08 | 0.01 |
| 5 | 25.44 | 0.0 | 0.27 | 25.44 | 0.01 |
| 6 | 31.8 | 0.0 | 0.33 | 31.8 | 0.01 |
| 7 | 38.16 | 0.0 | 0.4 | 38.16 | 0.01 |
| 8 | 44.52 | 0.0 | 0.47 | 44.52 | 0.01 |
| 9 | 50.89 | 0.0 | 0.53 | 50.89 | 0.01 |
| 10 | 57.25 | 0.0 | 0.6 | 57.25 | 0.01 |
| 11 | 63.61 | 0.0 | 0.67 | 63.61 | 0.01 |
| 12 | 69.97 | 0.0 | 0.73 | 69.97 | 0.01 |
| 13 | 76.33 | 0.0 | 0.8 | 76.33 | 0.01 |
| 14 | 82.69 | 0.0 | 0.87 | 82.69 | 0.01 |
| 15 | 89.05 | 0.0 | 0.93 | 89.05 | 0.01 |
| 16 | 95.41 | 0.0 | 1.0 | 95.41 | 0.01 |
| 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.01 |
| 18 | 23.85 | 0.0 | 0.25 | 23.85 | 0.01 |
| 19 | 47.71 | 0.0 | 0.5 | 47.71 | 0.01 |
| 20 | 71.56 | 0.0 | 0.75 | 71.56 | 0.01 |
| 21 | 95.41 | 0.0 | 1.0 | 95.41 | 0.01 |

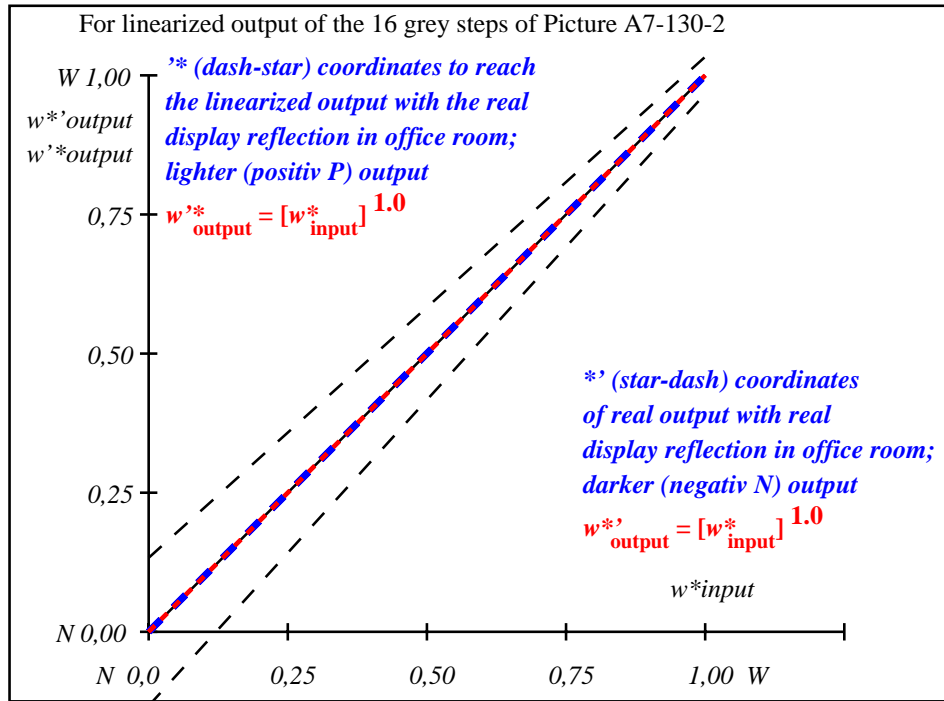
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 0.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 0.0$

Mean colour reproduction index: $R^*_{ab,m} = 100$

OE920-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{intended}$ (absolute) | 0.0/0.0 | 6.3/0.7 | 12.7/1.5 | 19.0/2.7 | 25.4/4.5 | 31.8/6.9 | 38.1/10.1 | 44.5/14.2 | 50.8/19.1 | 57.2/25.1 | 63.6/32.3 | 69.9/40.7 | 76.3/50.4 | 82.6/61.5 | 89.0/74.2 | 95.4/88.5 |
|---|---------|---------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb gp=1.0 | | | | | | | | | | | | | | | | |
| No. and Hex code | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*$ CIE LAB, r (relative) | | | | | | | | | | | | | | | | |
| $w^*_{intended}$ | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0.0 | 0.067 | 0.133 | 0.2 | 0.267 | 0.333 | 0.4 | 0.467 | 0.533 | 0.6 | 0.667 | 0.733 | 0.8 | 0.867 | 0.933 | 1.0 |

OE740-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46
 input: 000n/w/cmy0/rgb (->rgb*d)
 output 130-2: gp=1.0; gN=1.0

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------|-------|---------|---------------|--------------|
| 1 | 5.69 | 0.0 | 0.0 | 5.69 | 0.0 |
| 2 | 11.67 | 0.0 | 0.1 | 14.73 | 0.0 |
| 3 | 17.65 | 0.0 | 0.18 | 21.96 | 0.0 |
| 4 | 23.63 | 0.0 | 0.26 | 28.63 | 0.0 |
| 5 | 29.62 | 0.0 | 0.33 | 34.96 | 0.0 |
| 6 | 35.6 | 0.0 | 0.39 | 41.05 | 0.0 |
| 7 | 41.58 | 0.0 | 0.46 | 46.96 | 0.0 |
| 8 | 47.56 | 0.0 | 0.52 | 52.72 | 0.0 |
| 9 | 53.54 | 0.0 | 0.59 | 58.36 | 0.0 |
| 10 | 59.52 | 0.0 | 0.65 | 63.88 | 0.0 |
| 11 | 65.5 | 0.0 | 0.71 | 69.32 | 0.0 |
| 12 | 71.48 | 0.0 | 0.77 | 74.67 | 0.0 |
| 13 | 77.47 | 0.0 | 0.83 | 79.95 | 0.0 |
| 14 | 83.45 | 0.0 | 0.89 | 85.16 | 0.0 |
| 15 | 89.43 | 0.0 | 0.94 | 90.31 | 0.0 |
| 16 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |
| 17 | 5.69 | 0.0 | 0.0 | 5.69 | 0.0 |
| 18 | 28.12 | 0.0 | 0.31 | 33.4 | 0.0 |
| 19 | 50.55 | 0.0 | 0.56 | 55.55 | 0.0 |
| 20 | 72.98 | 0.0 | 0.78 | 76.0 | 0.0 |
| 21 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |

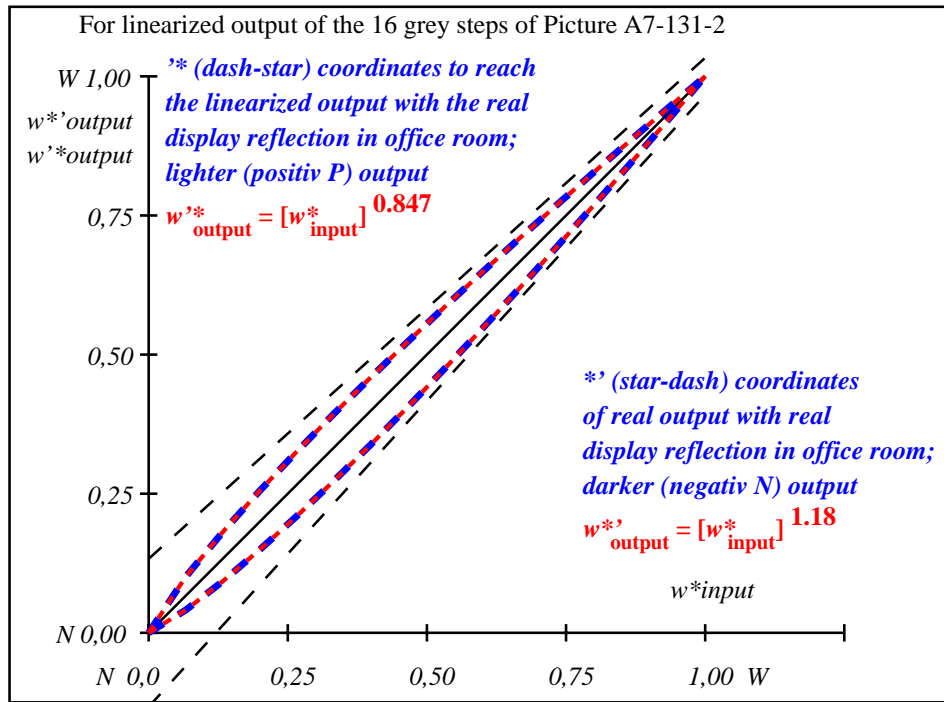
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 3.4$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 2.7$

Mean colour reproduction index: $R^*_{ab,m} = 85$

OE920-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{intended}$ (absolute) | 5.6/0.6 | 11.6/1.3 | 17.6/2.4 | 23.6/3.9 | 29.6/6.0 | 35.5/8.8 | 41.5/12.2 | 47.5/16.4 | 53.5/21.5 | 59.5/27.5 | 65.5/34.6 | 71.4/42.8 | 77.4/52.3 | 83.4/63.0 | 89.4/75.0 | 95.4/88.5 |
|--|--------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb gp=0.92 | [Color bars] | | | | | | | | | | | | | | | |
| No. and Hex code | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*_{CIE LAB, r}$ (relative) | [Color bars] | | | | | | | | | | | | | | | |
| $w^*_{intended}$ | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,082 | 0,154 | 0,225 | 0,294 | 0,361 | 0,428 | 0,494 | 0,558 | 0,623 | 0,687 | 0,75 | 0,813 | 0,876 | 0,937 | 1,0 |

OE740-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93
 input: 000n/w/cmy0/rgb (->rgb*d)
 output 131-2: gp=0.92; gN=1.0

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------|-------|---------|---------------|--------------|
| 1 | 10.99 | 0.0 | 0.0 | 0.0 | 0.01 |
| 2 | 16.62 | 0.0 | 0.14 | 22.52 | 0.0 |
| 3 | 22.25 | 0.0 | 0.23 | 30.18 | 0.0 |
| 4 | 27.88 | 0.0 | 0.31 | 36.84 | 0.0 |
| 5 | 33.5 | 0.0 | 0.38 | 42.93 | 0.0 |
| 6 | 39.13 | 0.0 | 0.45 | 48.63 | 0.0 |
| 7 | 44.76 | 0.0 | 0.51 | 54.03 | 0.0 |
| 8 | 50.39 | 0.0 | 0.57 | 59.19 | 0.0 |
| 9 | 56.02 | 0.0 | 0.63 | 64.17 | 0.0 |
| 10 | 61.64 | 0.0 | 0.69 | 68.98 | 0.0 |
| 11 | 67.27 | 0.0 | 0.74 | 73.65 | 0.0 |
| 12 | 72.9 | 0.0 | 0.8 | 78.2 | 0.0 |
| 13 | 78.53 | 0.0 | 0.85 | 82.64 | 0.0 |
| 14 | 84.15 | 0.0 | 0.9 | 86.98 | 0.0 |
| 15 | 89.78 | 0.0 | 0.95 | 91.23 | 0.0 |
| 16 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |
| 17 | 10.99 | 0.0 | 0.0 | 10.99 | 0.0 |
| 18 | 32.1 | 0.0 | 0.36 | 41.45 | 0.0 |
| 19 | 53.2 | 0.0 | 0.6 | 61.7 | 0.0 |
| 20 | 74.31 | 0.0 | 0.81 | 79.32 | 0.0 |
| 21 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |

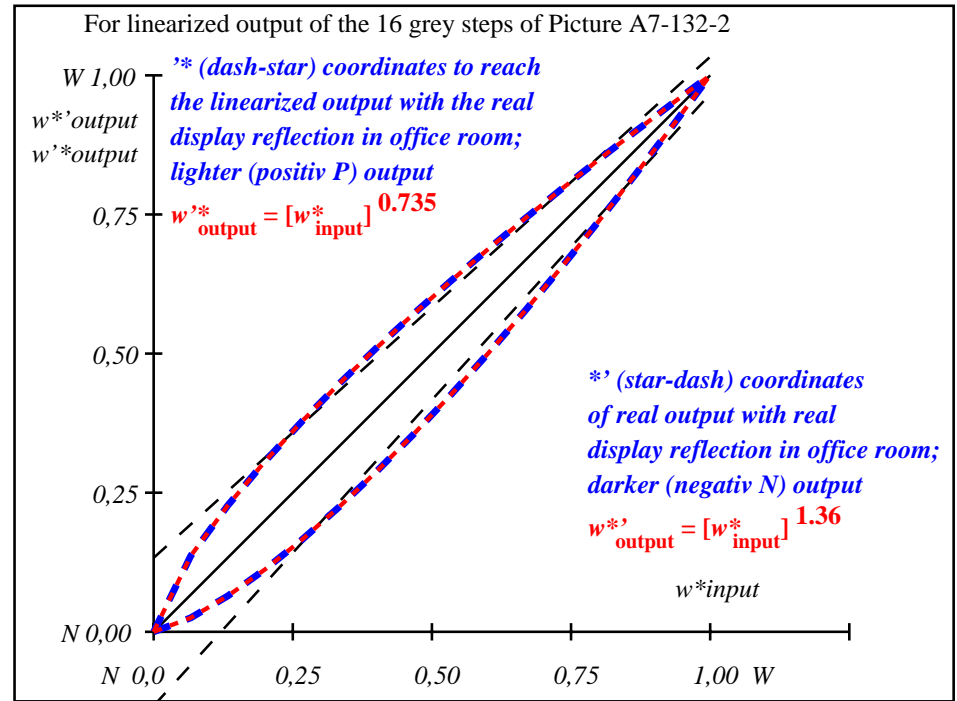
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 6.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 4.6$

Mean colour reproduction index: $R^*_{ab,m} = 74$

OE920-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{intended}$ (absolute) | 10.9/1.2 | 16.6/2.2 | 22.2/3.5 | 27.8/5.4 | 33.5/7.7 | 39.1/10.7 | 44.7/14.3 | 50.3/18.7 | 56.0/23.9 | 61.6/29.9 | 67.2/36.9 | 72.8/45.0 | 78.5/54.1 | 84.1/64.3 | 89.7/75.8 | 95.4/88.5 |
|-------------------------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb | | | | | | | | | | | | | | | | |
| gp=0.85 | | | | | | | | | | | | | | | | |
| No. and Hex code | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*_{CIE LAB, r}$ (relative) | | | | | | | | | | | | | | | | |
| $w^*_{intended}$ | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,1 | 0,18 | 0,254 | 0,325 | 0,392 | 0,458 | 0,523 | 0,585 | 0,647 | 0,708 | 0,767 | 0,827 | 0,885 | 0,942 | 1,0 |

OE740-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87
 input: 000n/w/cmy0/rgb (->rgb*d)
 output 132-2: gp=0.85; gN=1.0

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------------|----------------|-------------|---------------|--------------|
| 1 | 18.01 0.0 0.0 | 0.0 18.01 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 2 | 23.17 0.0 0.0 | 0.17 31.35 0.0 | 0.0 0.0 0.0 | 8.18 0.0 0.0 | 8.18 |
| 3 | 28.33 0.0 0.0 | 0.27 38.93 0.0 | 0.0 0.0 0.0 | 10.6 0.0 0.0 | 10.6 |
| 4 | 33.49 0.0 0.0 | 0.35 45.23 0.0 | 0.0 0.0 0.0 | 11.74 0.0 0.0 | 11.74 |
| 5 | 38.65 0.0 0.0 | 0.42 50.82 0.0 | 0.0 0.0 0.0 | 12.17 0.0 0.0 | 12.17 |
| 6 | 43.81 0.0 0.0 | 0.49 55.93 0.0 | 0.0 0.0 0.0 | 12.12 0.0 0.0 | 12.12 |
| 7 | 48.97 0.0 0.0 | 0.55 60.7 0.0 | 0.0 0.0 0.0 | 11.73 0.0 0.0 | 11.73 |
| 8 | 54.13 0.0 0.0 | 0.61 65.2 0.0 | 0.0 0.0 0.0 | 11.07 0.0 0.0 | 11.07 |
| 9 | 59.29 0.0 0.0 | 0.66 69.47 0.0 | 0.0 0.0 0.0 | 10.18 0.0 0.0 | 10.18 |
| 10 | 64.45 0.0 0.0 | 0.72 73.56 0.0 | 0.0 0.0 0.0 | 9.11 0.0 0.0 | 9.11 |
| 11 | 69.61 0.0 0.0 | 0.77 77.49 0.0 | 0.0 0.0 0.0 | 7.88 0.0 0.0 | 7.88 |
| 12 | 74.77 0.0 0.0 | 0.82 81.29 0.0 | 0.0 0.0 0.0 | 6.52 0.0 0.0 | 6.52 |
| 13 | 79.93 0.0 0.0 | 0.87 84.97 0.0 | 0.0 0.0 0.0 | 5.04 0.0 0.0 | 5.04 |
| 14 | 85.09 0.0 0.0 | 0.91 88.54 0.0 | 0.0 0.0 0.0 | 3.45 0.0 0.0 | 3.45 |
| 15 | 90.25 0.0 0.0 | 0.96 92.02 0.0 | 0.0 0.0 0.0 | 1.77 0.0 0.0 | 1.77 |
| 16 | 95.41 0.0 0.0 | 1.0 95.41 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 17 | 18.01 0.0 0.0 | 0.0 18.01 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 18 | 37.36 0.0 0.0 | 0.41 49.47 0.0 | 0.0 0.0 0.0 | 12.11 0.0 0.0 | 12.11 |
| 19 | 56.71 0.0 0.0 | 0.64 67.36 0.0 | 0.0 0.0 0.0 | 10.65 0.0 0.0 | 10.65 |
| 20 | 76.06 0.0 0.0 | 0.83 82.22 0.0 | 0.0 0.0 0.0 | 6.16 0.0 0.0 | 6.16 |
| 21 | 95.41 0.0 0.0 | 1.0 95.41 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |

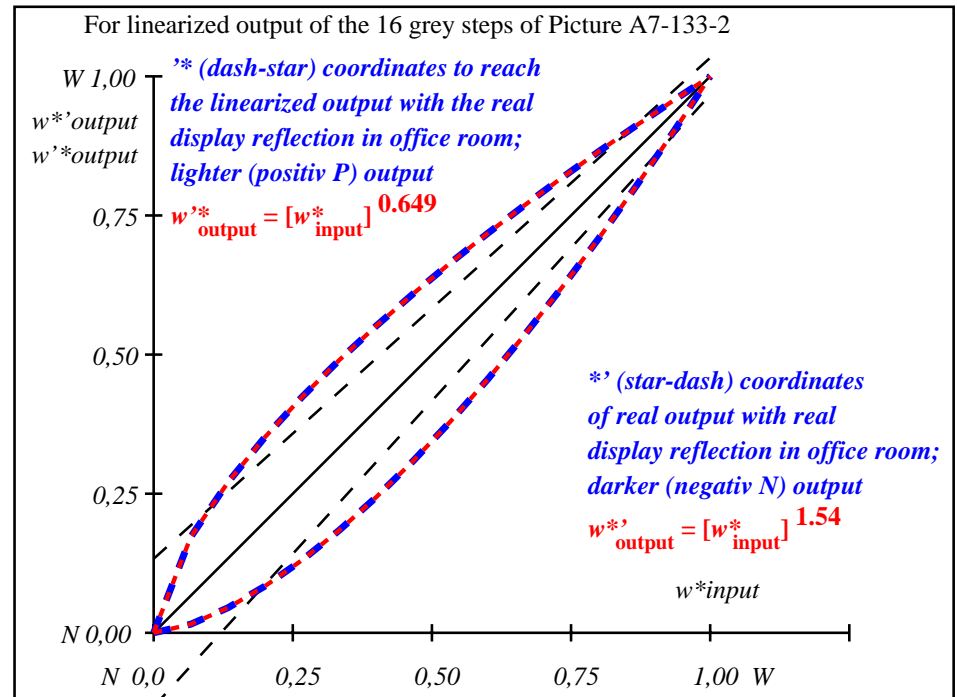
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 7.6$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 5.8$

Mean colour reproduction index: $R^*_{ab,m} = 67$

OE920-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{intended}$ (absolute) | 18.0/2.5 | 23.1/3.8 | 28.3/5.5 | 33.4/7.7 | 38.6/10.4 | 43.8/13.7 | 48.9/17.5 | 54.1/22.0 | 59.2/27.3 | 64.4/33.3 | 69.6/40.1 | 74.7/47.9 | 79.9/56.5 | 85.0/66.1 | 90.2/76.8 | 95.4/88.5 |
|---------------------------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb $g_p=0.77$ | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*$ $w^*_{intended}$ | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,123 | 0,209 | 0,287 | 0,359 | 0,426 | 0,491 | 0,554 | 0,614 | 0,673 | 0,73 | 0,786 | 0,841 | 0,895 | 0,947 | 1,0 |

OE740-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75
 input: 000n/w/cmy0/rgb (->rgb*d)
 output 133-2: $g_p=0.77$; $g_N=1.0$

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------------|----------------|---------------|---------------|--------------|
| 1 | 26.85 0.0 0.0 | 0.0 26.85 0.0 | 0.0 0.0 0.0 | 0.01 | |
| 2 | 31.42 0.0 0.0 | 0.21 41.05 0.0 | 0.0 9.63 0.0 | 9.63 | |
| 3 | 35.99 0.0 0.0 | 0.31 48.1 0.0 | 0.0 12.11 0.0 | 12.11 | |
| 4 | 40.56 0.0 0.0 | 0.39 53.75 0.0 | 0.0 13.18 0.0 | 13.18 | |
| 5 | 45.13 0.0 0.0 | 0.46 58.64 0.0 | 0.0 13.51 0.0 | 13.51 | |
| 6 | 49.7 0.0 0.0 | 0.53 63.05 0.0 | 0.0 13.34 0.0 | 13.34 | |
| 7 | 54.27 0.0 0.0 | 0.59 67.09 0.0 | 0.0 12.82 0.0 | 12.82 | |
| 8 | 58.84 0.0 0.0 | 0.64 70.87 0.0 | 0.0 12.02 0.0 | 12.02 | |
| 9 | 63.41 0.0 0.0 | 0.69 74.42 0.0 | 0.0 11.01 0.0 | 11.01 | |
| 10 | 67.99 0.0 0.0 | 0.74 77.79 0.0 | 0.0 9.81 0.0 | 9.81 | |
| 11 | 72.56 0.0 0.0 | 0.79 81.01 0.0 | 0.0 8.46 0.0 | 8.46 | |
| 12 | 77.13 0.0 0.0 | 0.84 84.1 0.0 | 0.0 6.97 0.0 | 6.97 | |
| 13 | 81.7 0.0 0.0 | 0.88 87.07 0.0 | 0.0 5.37 0.0 | 5.37 | |
| 14 | 86.27 0.0 0.0 | 0.92 89.94 0.0 | 0.0 3.67 0.0 | 3.67 | |
| 15 | 90.84 0.0 0.0 | 0.96 92.71 0.0 | 0.0 1.88 0.0 | 1.88 | |
| 16 | 95.41 0.0 0.0 | 1.0 95.41 0.0 | 0.0 0.0 0.0 | 0.01 | |
| 17 | 26.85 0.0 0.0 | 0.0 26.85 0.0 | 0.0 0.0 0.0 | 0.01 | |
| 18 | 43.99 0.0 0.0 | 0.45 57.47 0.0 | 0.0 13.48 0.0 | 13.48 | |
| 19 | 61.13 0.0 0.0 | 0.67 72.67 0.0 | 0.0 11.54 0.0 | 11.54 | |
| 20 | 78.27 0.0 0.0 | 0.85 84.85 0.0 | 0.0 6.58 0.0 | 6.58 | |
| 21 | 95.41 0.0 0.0 | 1.0 95.41 0.0 | 0.0 0.0 0.0 | 0.01 | |

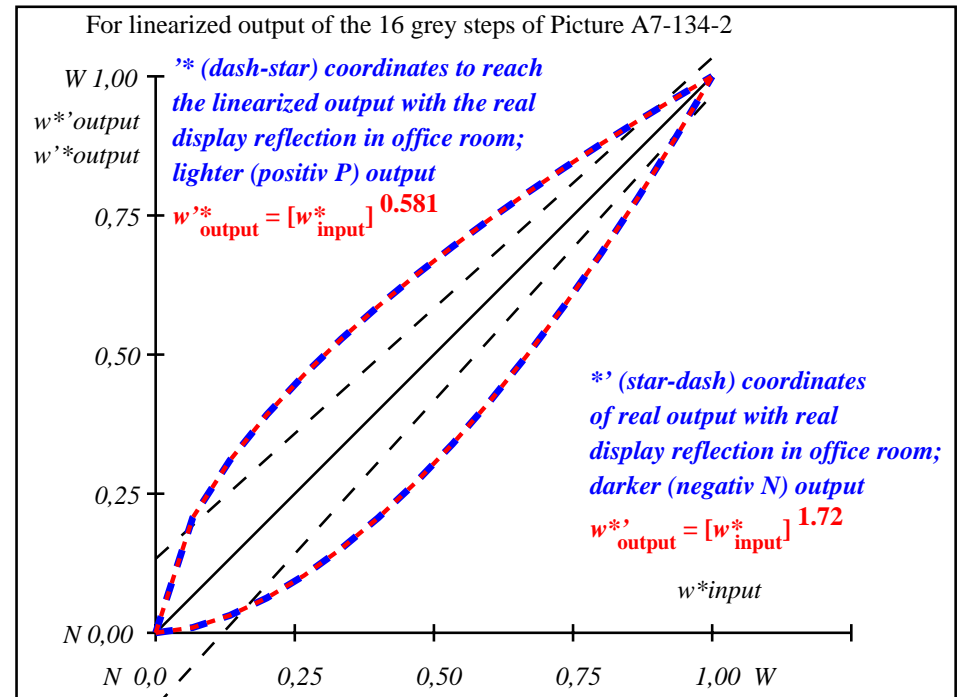
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE\text{LAB}} = 8.4$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 6.3$

Mean colour reproduction index: $R^*_{ab,m} = 64$

OE920-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| L^*/Y_{intended} (absolute) | 26.8/5.0 | 31.4/6.8 | 35.9/9.0 | 40.5/11.5 | 45.1/14.6 | 49.7/18.1 | 54.2/22.2 | 58.8/26.8 | 63.4/32.0 | 67.9/37.9 | 72.5/44.4 | 77.1/51.7 | 81.6/59.7 | 86.2/68.5 | 90.8/78.1 | 95.4/88.5 |
|---|---------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb $g_p=0.7$ | [Visual color bars] | | | | | | | | | | | | | | | |
| No. and Hex code | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*$ w^*_{intended} | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,15 | 0,243 | 0,324 | 0,396 | 0,463 | 0,526 | 0,586 | 0,643 | 0,699 | 0,753 | 0,804 | 0,855 | 0,904 | 0,952 | 1,0 |

OE740-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5
 input: $000n/w/cmy0/rgb$ ($\rightarrow rgb^*_d$)
 output 134-2: $g_p=0.7$; $g_N=1.0$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------|-------|---------|---------------|--------------|
| 1 | 37.99 | 0.0 | 0.0 | 37.99 | 0.0 |
| 2 | 41.81 | 0.0 | 0.24 | 51.79 | 0.0 |
| 3 | 45.64 | 0.0 | 0.35 | 57.87 | 0.0 |
| 4 | 49.47 | 0.0 | 0.43 | 62.6 | 0.0 |
| 5 | 53.3 | 0.0 | 0.5 | 66.63 | 0.0 |
| 6 | 57.13 | 0.0 | 0.56 | 70.19 | 0.0 |
| 7 | 60.96 | 0.0 | 0.62 | 73.44 | 0.0 |
| 8 | 64.78 | 0.0 | 0.67 | 76.44 | 0.0 |
| 9 | 68.61 | 0.0 | 0.72 | 79.23 | 0.0 |
| 10 | 72.44 | 0.0 | 0.76 | 81.87 | 0.0 |
| 11 | 76.27 | 0.0 | 0.81 | 84.37 | 0.0 |
| 12 | 80.1 | 0.0 | 0.85 | 86.76 | 0.0 |
| 13 | 83.93 | 0.0 | 0.89 | 89.05 | 0.0 |
| 14 | 87.75 | 0.0 | 0.93 | 91.24 | 0.0 |
| 15 | 91.58 | 0.0 | 0.96 | 93.36 | 0.0 |
| 16 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |
| 17 | 37.99 | 0.0 | 0.0 | 37.99 | 0.0 |
| 18 | 52.34 | 0.0 | 0.48 | 65.67 | 0.0 |
| 19 | 66.7 | 0.0 | 0.69 | 77.86 | 0.0 |
| 20 | 81.05 | 0.0 | 0.86 | 87.34 | 0.0 |
| 21 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |

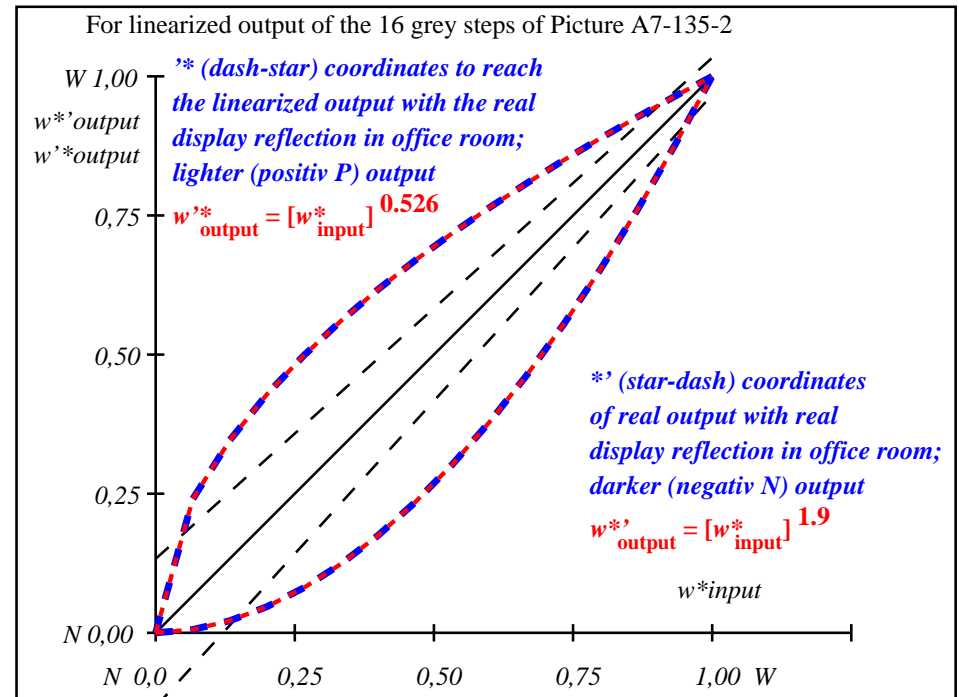
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE\text{LAB}} = 8.2$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 6.2$

Mean colour reproduction index: $R^*_{ab,m} = 65$

OE920-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{intended}$ (absolute) | 37.9/10.0 | 41.8/12.3 | 45.6/15.0 | 49.4/17.9 | 53.2/21.3 | 57.1/25.0 | 60.9/29.1 | 64.7/33.7 | 68.6/38.8 | 72.4/44.3 | 76.2/50.3 | 80.0/56.8 | 83.9/63.9 | 87.7/71.5 | 91.5/79.7 | 95.4/88.5 |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*$ CIE LAB, r (relative) | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| $w^*_{intended}$ | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,184 | 0,283 | 0,365 | 0,438 | 0,502 | 0,564 | 0,621 | 0,674 | 0,726 | 0,776 | 0,823 | 0,869 | 0,914 | 0,957 | 1,0 |

OE740-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15
 input: $000n/w/cmy0/rgb (->rgb^*_d)$
 output 135-2: $g_P=0.62$; $g_N=1.0$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------------|--------------------|---------------|---------------|--------------|
| 1 | 52.02 0.0 0.0 | 0.0 52.02 0.0 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 2 | 54.91 0.0 0.0 | 0.27 63.82 0.0 0.0 | 8.91 0.0 0.0 | 8.91 0.0 0.0 | 8.91 |
| 3 | 57.8 0.0 0.0 | 0.38 68.49 0.0 0.0 | 10.69 0.0 0.0 | 10.69 0.0 0.0 | 10.69 |
| 4 | 60.7 0.0 0.0 | 0.46 72.03 0.0 0.0 | 11.34 0.0 0.0 | 11.34 0.0 0.0 | 11.34 |
| 5 | 63.59 0.0 0.0 | 0.53 75.0 0.0 0.0 | 11.41 0.0 0.0 | 11.41 0.0 0.0 | 11.41 |
| 6 | 66.48 0.0 0.0 | 0.59 77.61 0.0 0.0 | 11.12 0.0 0.0 | 11.12 0.0 0.0 | 11.12 |
| 7 | 69.37 0.0 0.0 | 0.64 79.95 0.0 0.0 | 10.57 0.0 0.0 | 10.57 0.0 0.0 | 10.57 |
| 8 | 72.27 0.0 0.0 | 0.69 82.1 0.0 0.0 | 9.83 0.0 0.0 | 9.83 0.0 0.0 | 9.83 |
| 9 | 75.16 0.0 0.0 | 0.74 84.09 0.0 0.0 | 8.93 0.0 0.0 | 8.93 0.0 0.0 | 8.93 |
| 10 | 78.05 0.0 0.0 | 0.78 85.96 0.0 0.0 | 7.91 0.0 0.0 | 7.91 0.0 0.0 | 7.91 |
| 11 | 80.95 0.0 0.0 | 0.82 87.72 0.0 0.0 | 6.78 0.0 0.0 | 6.78 0.0 0.0 | 6.78 |
| 12 | 83.84 0.0 0.0 | 0.86 89.4 0.0 0.0 | 5.56 0.0 0.0 | 5.56 0.0 0.0 | 5.56 |
| 13 | 86.73 0.0 0.0 | 0.9 91.0 0.0 0.0 | 4.26 0.0 0.0 | 4.26 0.0 0.0 | 4.26 |
| 14 | 89.62 0.0 0.0 | 0.93 92.53 0.0 0.0 | 2.9 0.0 0.0 | 2.9 0.0 0.0 | 2.9 |
| 15 | 92.52 0.0 0.0 | 0.97 93.99 0.0 0.0 | 1.48 0.0 0.0 | 1.48 0.0 0.0 | 1.48 |
| 16 | 95.41 0.0 0.0 | 1.0 95.41 0.0 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 17 | 52.02 0.0 0.0 | 0.0 52.02 0.0 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |
| 18 | 62.87 0.0 0.0 | 0.51 74.3 0.0 0.0 | 11.43 0.0 0.0 | 11.43 0.0 0.0 | 11.43 |
| 19 | 73.71 0.0 0.0 | 0.72 83.11 0.0 0.0 | 9.4 0.0 0.0 | 9.4 0.0 0.0 | 9.4 |
| 20 | 84.56 0.0 0.0 | 0.87 89.81 0.0 0.0 | 5.24 0.0 0.0 | 5.24 0.0 0.0 | 5.24 |
| 21 | 95.41 0.0 0.0 | 1.0 95.41 0.0 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.01 |

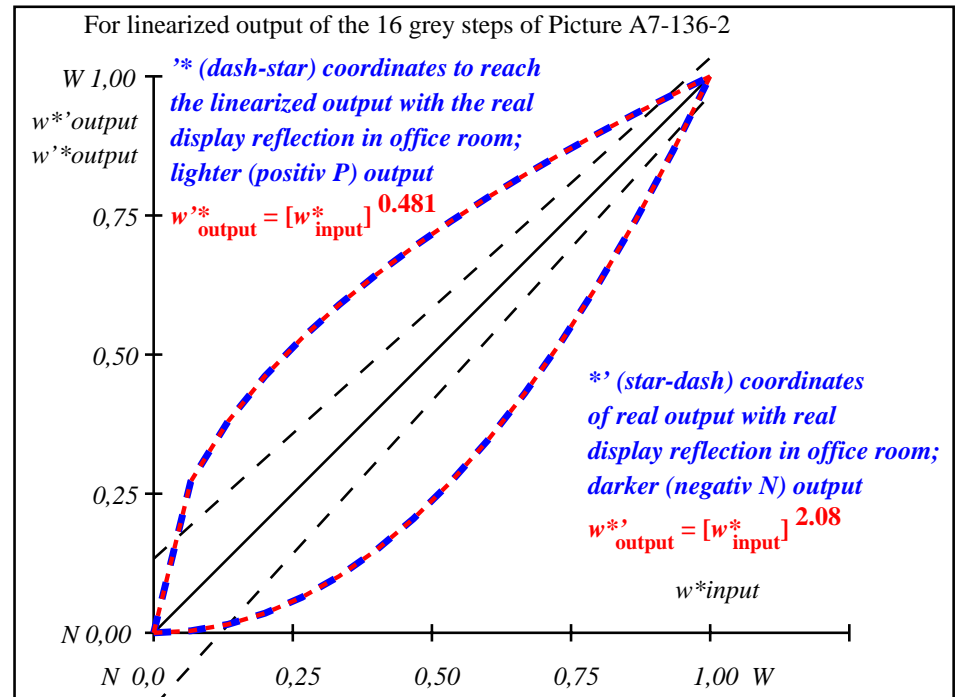
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE\text{LAB}} = 7.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 5.2$

Mean colour reproduction index: $R^*_{ab,m} = 70$

OE920-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| L^*/Y_{intended} (absolute) | 52.0/20.1 | 54.9/22.8 | 57.8/25.7 | 60.6/28.9 | 63.5/32.2 | 66.4/35.9 | 69.3/39.8 | 72.2/44.0 | 75.1/48.5 | 78.0/53.3 | 80.9/58.3 | 83.8/63.7 | 86.7/69.4 | 89.6/75.4 | 92.5/81.8 | 95.4/88.5 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb $g_p=0.55$ | 00;F | 01;E | 02;D | 03;C | 04;B | 05;A | 06;9 | 07;8 | 08;7 | 09;6 | 10;5 | 11;4 | 12;3 | 13;2 | 14;1 | 15;0 |
| $w^* = l^*$ CIE LAB, r (relative) | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{intended} | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |
| w^*_{out} | 0,0 | 0,226 | 0,329 | 0,412 | 0,483 | 0,546 | 0,604 | 0,657 | 0,707 | 0,755 | 0,8 | 0,842 | 0,884 | 0,924 | 0,962 | 1,0 |

OE740-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30
 input: 000n/w/cmy0/rgb (->rgb*d)
 output 136-2: $g_p=0.55$; $g_N=1.0$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE92/OE92L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=thadata

| i | LAB*ref | l*out | LAB*out | LAB*out/c-ref | ΔE^* |
|----|---------|-------|---------|---------------|--------------|
| 1 | 69.7 | 0.0 | 0.0 | 69.7 | 0.0 |
| 2 | 71.41 | 0.0 | 0.3 | 77.46 | 0.0 |
| 3 | 73.13 | 0.0 | 0.41 | 80.24 | 0.0 |
| 4 | 74.84 | 0.0 | 0.49 | 82.31 | 0.0 |
| 5 | 76.55 | 0.0 | 0.56 | 84.02 | 0.0 |
| 6 | 78.27 | 0.0 | 0.62 | 85.51 | 0.0 |
| 7 | 79.98 | 0.0 | 0.67 | 86.84 | 0.0 |
| 8 | 81.7 | 0.0 | 0.71 | 88.05 | 0.0 |
| 9 | 83.41 | 0.0 | 0.76 | 89.17 | 0.0 |
| 10 | 85.12 | 0.0 | 0.8 | 90.21 | 0.0 |
| 11 | 86.84 | 0.0 | 0.84 | 91.19 | 0.0 |
| 12 | 88.55 | 0.0 | 0.87 | 92.11 | 0.0 |
| 13 | 90.27 | 0.0 | 0.91 | 92.99 | 0.0 |
| 14 | 91.98 | 0.0 | 0.94 | 93.83 | 0.0 |
| 15 | 93.7 | 0.0 | 0.97 | 94.64 | 0.0 |
| 16 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |
| 17 | 69.7 | 0.0 | 0.0 | 69.7 | 0.0 |
| 18 | 76.13 | 0.0 | 0.54 | 83.62 | 0.0 |
| 19 | 82.55 | 0.0 | 0.74 | 88.62 | 0.0 |
| 20 | 88.98 | 0.0 | 0.88 | 92.34 | 0.0 |
| 21 | 95.41 | 0.0 | 1.0 | 95.41 | 0.0 |

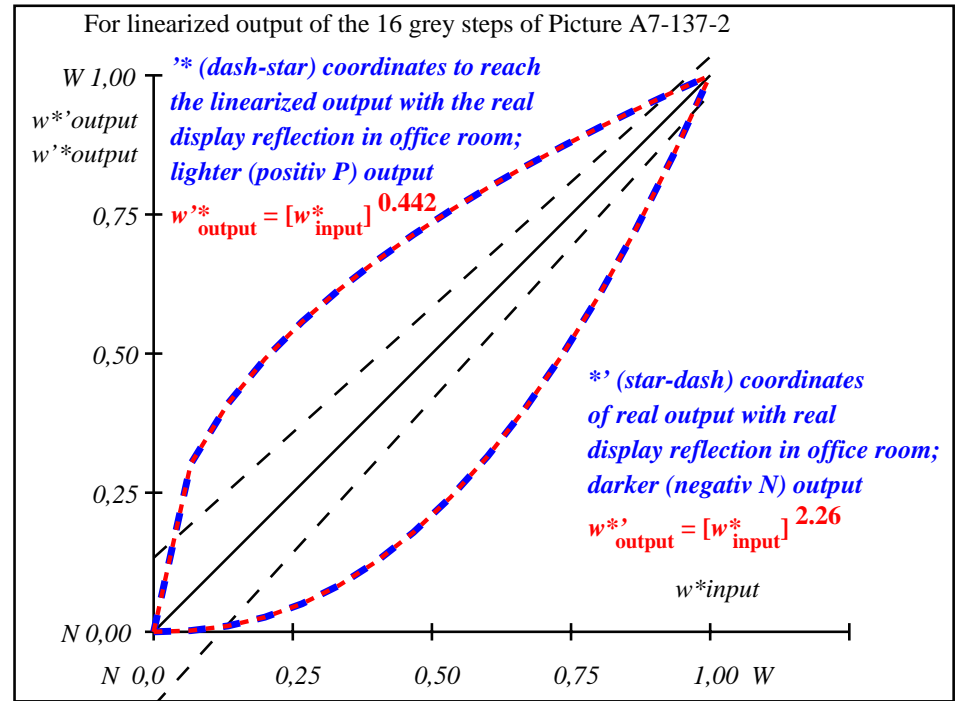
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE\text{LAB}} = 4.6$

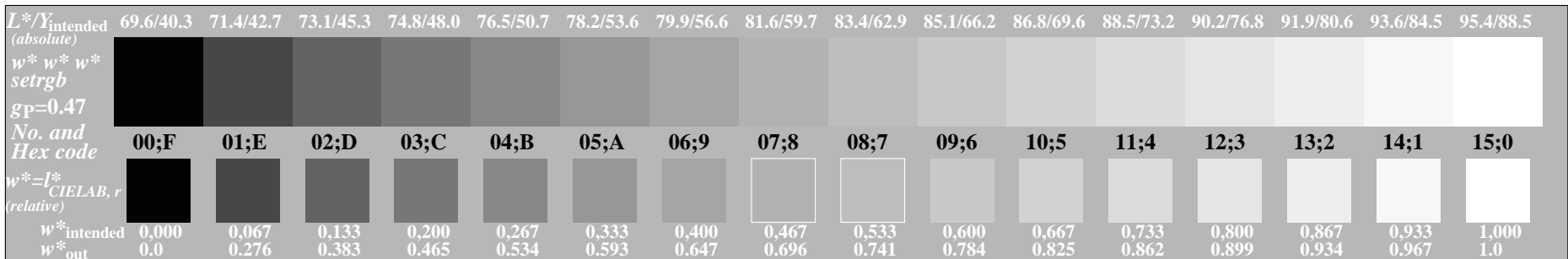
Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 3.4$

Mean colour reproduction index: $R^*_{ab,m} = 80$

OE920-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE921-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE740-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{\text{setrgbcolor}}$

OE92: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60
 input: $000n/w/cmy0/rgb (->rgb^*_d)$
 output 137-2: $g_P=0.47$; $g_N=1.0$