

# Colorimetric Report

## Page (1/1)



CCalc 2.4  
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|                  |                             |
|------------------|-----------------------------|
| Date             | Thursday, September 3, 2020 |
| Tester           | Denis Freund                |
| Display          | Philips 242B1V              |
| Sensor           | X-Rite i1 Pro               |
| Testchart        | Only neutral colours        |
| Target           | Greybalance                 |
| Display Profile  | Not considered              |
| Rendering Intent | -                           |

|                                     |                     |
|-------------------------------------|---------------------|
| White Point (CCT)                   | 7142 Kelvin         |
| White Point XYZ (normalized)        | 96.49 100.00 120.52 |
| DeltaE to D50/ D65                  | 26.91/ 7.33         |
| Assumed Target Whitepoint (1)       | 7100 Kelvin         |
| DeltaE to Assumed Target Whitepoint | 3.26                |
| Brightness (2)                      | 185.50 cd/m²        |
| Black Point (2)                     | 0.32 cd/m²          |
| Contrast (x:1)                      | 580:1               |
| Gradation (Average)                 | 2.00                |

(1) Daylight (2) Measured separately

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 6905   | 0.78    | -       | 1.81  |
|  | 15          | 7028   | 1.02    | -       | 1.87  |
|  | 20          | 7183   | 0.28    | -       | 1.92  |
|  | 25          | 7111   | 0.76    | -       | 1.95  |
|  | 30          | 7186   | 0.22    | -       | 1.98  |
|  | 35          | 7173   | 0.10    | -       | 2.00  |
|  | 40          | 7214   | 0.32    | -       | 2.01  |
|  | 45          | 7150   | 0.03    | -       | 2.03  |
|  | 50          | 7145   | 0.17    | -       | 2.03  |
|  | 55          | 7161   | 0.36    | -       | 2.03  |
|  | 60          | 7168   | 0.32    | -       | 2.04  |
|  | 65          | 7124   | 0.28    | -       | 2.04  |
|  | 70          | 7123   | 0.38    | -       | 2.05  |
|  | 75          | 7126   | 0.26    | -       | 2.05  |
|  | 80          | 7151   | 0.22    | -       | 2.05  |
|  | 85          | 7176   | 0.22    | -       | 2.09  |
|  | 90          | 7129   | 0.30    | -       | 2.04  |
|  | 95          | 7150   | 0.09    | -       | 2.05  |
|  | 100 (3)     | 7142   | -       | -       | -     |
|  | Average (4) | -      | 0.34    | -       | 2.0   |
|  | Maximum (4) | -      | 1.02    | -       | -     |
|  | Range (4)   | -      | 1.29    | -       | -     |

(3) Visual adaptation to display whitepoint is assumed  
(4) Only luminance > 1% considered

### Corresponding Gamma

