

# Colorimetric Report

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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)                   | 7146 Kelvin              |
| White Point XYZ (normalized)        | 96.59 100.00 120.74      |
| DeltaE to D50/ D65                  | 27.05/ 7.51              |
| Assumed Target Whitepoint (1)       | 7100 Kelvin              |
| DeltaE to Assumed Target Whitepoint | 3.48                     |
| Brightness (2)                      | 181.70 cd/m <sup>2</sup> |
| Black Point (2)                     | 0.24 cd/m <sup>2</sup>   |
| Contrast (x:1)                      | 757:1                    |
| Gradation (Average)                 | 2.20                     |

(1) Daylight (2) Measured separately

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 6969   | 0.27    | -       | 1.99  |
|  | 15          | 7178   | 0.12    | -       | 2.07  |
|  | 20          | 7203   | 0.12    | -       | 2.11  |
|  | 25          | 7096   | 0.45    | -       | 2.14  |
|  | 30          | 7161   | 0.14    | -       | 2.17  |
|  | 35          | 7150   | 0.05    | -       | 2.19  |
|  | 40          | 7248   | 0.36    | -       | 2.21  |
|  | 45          | 7197   | 0.21    | -       | 2.22  |
|  | 50          | 7285   | 0.56    | -       | 2.23  |
|  | 55          | 7191   | 0.19    | -       | 2.23  |
|  | 60          | 7116   | 0.24    | -       | 2.23  |
|  | 65          | 7144   | 0.05    | -       | 2.24  |
|  | 70          | 7187   | 0.20    | -       | 2.26  |
|  | 75          | 7113   | 0.46    | -       | 2.26  |
|  | 80          | 7134   | 0.41    | -       | 2.24  |
|  | 85          | 7103   | 0.89    | -       | 2.20  |
|  | 90          | 7143   | 0.07    | -       | 2.31  |
|  | 95          | 7113   | 0.25    | -       | 2.26  |
|  | 100 (3)     | 7146   | -       | -       | -     |
|  | Average (4) | -      | 0.28    | -       | 2.2   |
|  | Maximum (4) | -      | 0.89    | -       | -     |
|  | Range (4)   | -      | 1.32    | -       | -     |

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

### Corresponding Gamma

