

# Colorimetric Report

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CCalc 2.6  
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|                  |                                         |
|------------------|-----------------------------------------|
| Date             | Friday, June 16, 2023                   |
| Tester           | Simon Blohm                             |
| Display          | LG 27BR650B-C                           |
| Sensor           | X-Rite i1 Display Pro (Corr.: WLED, XR) |
| Testchart        | Only neutral colours                    |
| Target           | Greybalance                             |
| Display Profile  | Not considered                          |
| Rendering Intent | -                                       |

|                                     |                     |
|-------------------------------------|---------------------|
| White Point (CCT)                   | 6985 Kelvin         |
| White Point XYZ (normalized)        | 96.47 100.00 118.39 |
| DeltaE to D50/ D65                  | 25.57/ 6.18         |
| Assumed Target Whitepoint (1)       | 7000 Kelvin         |
| DeltaE to Assumed Target Whitepoint | 3.02                |
| Brightness                          | 194.67 cd/m²        |
| Black Point                         | 0.21 cd/m²          |
| Contrast (x:1)                      | 927:1               |
| Gradation (Average)                 | 2.14                |

(1) Daylight

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 8804   | 2.09    | -       | 2.22  |
|  | 15          | 7864   | 1.66    | -       | 2.24  |
|  | 20          | 7498   | 1.29    | -       | 2.25  |
|  | 25          | 7320   | 0.94    | -       | 2.27  |
|  | 30          | 7255   | 0.72    | -       | 2.23  |
|  | 35          | 7151   | 0.50    | -       | 2.22  |
|  | 40          | 7132   | 0.52    | -       | 2.20  |
|  | 45          | 7059   | 0.31    | -       | 2.18  |
|  | 50          | 7096   | 0.48    | -       | 2.17  |
|  | 55          | 7096   | 0.59    | -       | 2.15  |
|  | 60          | 7062   | 0.40    | -       | 2.14  |
|  | 65          | 7066   | 0.54    | -       | 2.12  |
|  | 70          | 7028   | 0.45    | -       | 2.09  |
|  | 75          | 7046   | 0.49    | -       | 2.06  |
|  | 80          | 7028   | 0.54    | -       | 2.04  |
|  | 85          | 6899   | 1.31    | -       | 1.98  |
|  | 90          | 6760   | 2.70    | -       | 1.95  |
|  | 95          | 6810   | 2.23    | -       | 2.02  |
|  | 100 (2)     | 6984   | -       | -       | -     |
|  | Average (3) | -      | 0.92    | -       | 2.14  |
|  | Maximum (3) | -      | 2.7     | -       | -     |
|  | Range (3)   | -      | 4.33    | -       | -     |

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

### Corresponding Gamma

