

# Colorimetric Report

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|                  |                                         |
|------------------|-----------------------------------------|
| Date             | Friday, April 6, 2018                   |
| Tester           | Oliver Jachmann                         |
| Display          | Iiyama ProLite X3272UHS-B1              |
| Sensor           | X-Rite i1 Display Pro (Corr.: WLED, XR) |
| Testchart        | In accordance with ISO 12646:2007 (1)   |
| Target           | sRGB                                    |
| Display Profile  | Not considered                          |
| Rendering Intent | -                                       |

(1) Five equally spaced code values for each channel

|                                     |                     |
|-------------------------------------|---------------------|
| White Point (CCT)                   | 6679 Kelvin         |
| White Point XYZ (normalized)        | 92.83 100.00 107.69 |
| DeltaE to D50/ D65                  | 19.59/ 3.99         |
| Assumed Target Whitepoint (2)       | 6700 Kelvin         |
| DeltaE to Assumed Target Whitepoint | 4.51                |
| Brightness                          | 264.42 cd/m²        |
| Black Point                         | 0.11 cd/m²          |
| Contrast (x:1)                      | 2404:1              |
| Gradation (Average)                 | 2.32                |

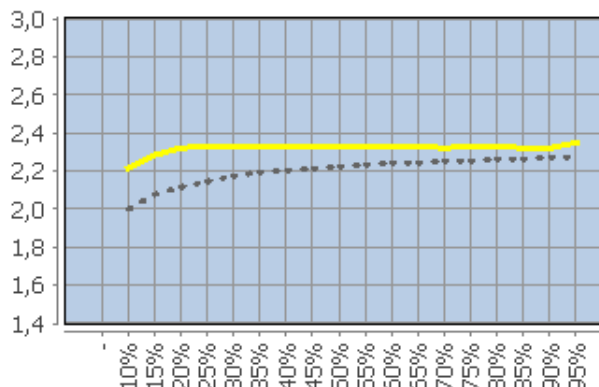
(2) Daylight

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 7940   | 1.50    | 3.81    | 2.21  |
|  | 15          | 7091   | 1.17    | 3.97    | 2.28  |
|  | 20          | 6821   | 1.42    | 4.02    | 2.32  |
|  | 25          | 6636   | 1.34    | 3.72    | 2.33  |
|  | 30          | 6589   | 1.45    | 3.33    | 2.33  |
|  | 35          | 6579   | 1.86    | 3.28    | 2.33  |
|  | 40          | 6515   | 1.95    | 2.98    | 2.33  |
|  | 45          | 6526   | 2.12    | 2.90    | 2.33  |
|  | 50          | 6516   | 2.09    | 2.68    | 2.33  |
|  | 55          | 6534   | 2.20    | 2.63    | 2.33  |
|  | 60          | 6512   | 2.35    | 2.64    | 2.33  |
|  | 65          | 6532   | 2.35    | 2.55    | 2.33  |
|  | 70          | 6552   | 2.26    | 2.39    | 2.32  |
|  | 75          | 6556   | 2.19    | 2.28    | 2.33  |
|  | 80          | 6591   | 2.08    | 2.15    | 2.33  |
|  | 85          | 6613   | 1.72    | 1.75    | 2.32  |
|  | 90          | 6626   | 1.38    | 1.39    | 2.32  |
|  | 95          | 6641   | 0.78    | 0.80    | 2.35  |
|  | 100 (3)     | 6679   | -       | -       | -     |
|  | Average (4) | -      | 1.81    | 2.67    | 2.32  |
|  | Maximum (4) | -      | 2.35    | 4.02    | -     |
|  | Range (4)   | -      | 2.35    | -       | -     |

(3) Visual adaptation to display whitepoint is assumed

(4) Only luminance > 1% considered

### Corresponding Gamma



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| Sensor           | X-Rite i1 Display Pro (Corr.: WLED, XR) |
| Testchart        | In accordance with ISO 12646:2007 (1)   |
| Target           | sRGB                                    |
| Display Profile  | Not considered                          |
| Rendering Intent | -                                       |

(1) Five equally spaced code values for each channel

|  | RGB        | Delta C | Delta H | Delta L | Delta E94 |
|--|------------|---------|---------|---------|-----------|
|  | 0 0 0      | 0.36    | 0.00    | 0.39    | 0.53      |
|  | 0 0 63     | 4.83    | 0.08    | 1.04    | 1.94      |
|  | 0 0 127    | 8.10    | 6.15    | 2.73    | 4.29      |
|  | 0 0 191    | 13.54   | 7.90    | 2.55    | 4.58      |
|  | 0 0 255    | 12.87   | 6.43    | 0.86    | 2.94      |
|  | 0 63 0     | 2.92    | 6.22    | 4.27    | 5.78      |
|  | 0 63 63    | 3.10    | 0.30    | 4.08    | 4.42      |
|  | 0 63 127   | 7.14    | 5.81    | 4.16    | 6.01      |
|  | 0 63 191   | 14.38   | 8.86    | 3.85    | 6.41      |
|  | 0 63 255   | 14.77   | 7.49    | 2.14    | 4.27      |
|  | 0 127 0    | 16.81   | 4.89    | 2.67    | 5.35      |
|  | 0 127 63   | 15.37   | 2.64    | 2.44    | 5.39      |
|  | 0 127 127  | 7.94    | 1.13    | 2.60    | 4.34      |
|  | 0 127 191  | 4.93    | 1.49    | 2.65    | 3.29      |
|  | 0 127 255  | 8.21    | 3.22    | 1.76    | 3.01      |
|  | 0 191 0    | 26.18   | 5.11    | 1.33    | 5.50      |
|  | 0 191 63   | 24.76   | 4.58    | 1.23    | 5.72      |
|  | 0 191 127  | 18.41   | 2.71    | 1.35    | 5.39      |
|  | 0 191 191  | 11.42   | 1.67    | 1.47    | 4.44      |
|  | 0 191 255  | 6.39    | 3.21    | 1.04    | 3.00      |
|  | 0 255 0    | 34.58   | 2.53    | 0.01    | 5.49      |
|  | 0 255 63   | 31.86   | 3.25    | 0.04    | 5.46      |
|  | 0 255 127  | 25.33   | 4.07    | 0.15    | 5.30      |
|  | 0 255 191  | 19.24   | 1.64    | 0.29    | 4.88      |
|  | 0 255 255  | 13.89   | 2.79    | 0.13    | 4.56      |
|  | 63 0 0     | 0.07    | 3.86    | 1.80    | 3.15      |
|  | 63 0 63    | 2.30    | 2.59    | 2.32    | 2.92      |
|  | 63 0 127   | 8.82    | 4.28    | 2.78    | 3.99      |
|  | 63 0 191   | 13.97   | 6.57    | 2.68    | 4.45      |
|  | 63 0 255   | 13.51   | 5.99    | 1.14    | 3.03      |
|  | 63 63 0    | 1.81    | 0.28    | 3.83    | 3.89      |
|  | 63 63 63   | 1.27    | 0.08    | 3.56    | 3.78      |
|  | 63 63 127  | 8.14    | 4.00    | 3.65    | 5.26      |
|  | 63 63 191  | 14.07   | 6.98    | 3.49    | 5.67      |
|  | 63 63 255  | 14.36   | 6.55    | 1.98    | 3.95      |
|  | 63 127 0   | 14.23   | 4.93    | 2.42    | 5.03      |
|  | 63 127 63  | 12.40   | 3.53    | 2.16    | 5.10      |
|  | 63 127 127 | 6.48    | 0.61    | 2.30    | 4.05      |
|  | 63 127 191 | 5.03    | 0.95    | 2.35    | 3.02      |
|  | 63 127 255 | 7.83    | 2.47    | 1.52    | 2.65      |
|  | 63 191 0   | 24.84   | 5.47    | 1.25    | 5.49      |
|  | 63 191 63  | 22.67   | 5.19    | 1.11    | 5.62      |
|  | 63 191 127 | 16.78   | 3.53    | 1.23    | 5.38      |
|  | 63 191 191 | 10.64   | 1.31    | 1.33    | 4.40      |
|  | 63 191 255 | 5.89    | 3.47    | 0.90    | 3.02      |
|  | 63 255 0   | 33.62   | 2.86    | 0.06    | 5.47      |
|  | 63 255 63  | 30.29   | 3.73    | 0.07    | 5.37      |

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| Tester           | Oliver Jachmann                         |
| Display          | Iiyama ProLite X3272UHS-B1              |
| Sensor           | X-Rite i1 Display Pro (Corr.: WLED, XR) |
| Testchart        | In accordance with ISO 12646:2007 (1)   |
| Target           | sRGB                                    |
| Display Profile  | Not considered                          |
| Rendering Intent | -                                       |

(1) Five equally spaced code values for each channel

|  | RGB         | Delta C | Delta H | Delta L | Delta E94 |
|--|-------------|---------|---------|---------|-----------|
|  | 63 255 127  | 23.49   | 4.57    | 0.17    | 5.18      |
|  | 63 255 191  | 18.01   | 2.14    | 0.29    | 4.81      |
|  | 63 255 255  | 13.09   | 2.59    | 0.13    | 4.48      |
|  | 127 0 0     | 6.78    | 4.25    | 0.33    | 2.89      |
|  | 127 0 63    | 8.58    | 3.82    | 0.53    | 3.44      |
|  | 127 0 127   | 9.62    | 4.93    | 1.12    | 3.55      |
|  | 127 0 191   | 13.48   | 6.35    | 1.45    | 3.89      |
|  | 127 0 255   | 13.74   | 6.33    | 0.58    | 3.08      |
|  | 127 63 0    | 7.76    | 7.31    | 2.12    | 5.23      |
|  | 127 63 63   | 9.97    | 1.86    | 1.94    | 4.81      |
|  | 127 63 127  | 11.61   | 3.88    | 2.17    | 5.00      |
|  | 127 63 191  | 14.83   | 6.69    | 2.28    | 5.10      |
|  | 127 63 255  | 14.74   | 6.91    | 1.27    | 3.85      |
|  | 127 127 0   | 8.61    | 1.36    | 1.84    | 3.11      |
|  | 127 127 63  | 5.65    | 0.90    | 1.56    | 2.74      |
|  | 127 127 127 | 2.03    | 0.09    | 1.70    | 2.65      |
|  | 127 127 191 | 6.37    | 3.48    | 1.79    | 3.74      |
|  | 127 127 255 | 8.97    | 4.24    | 1.09    | 3.13      |
|  | 127 191 0   | 18.40   | 2.30    | 1.00    | 4.14      |
|  | 127 191 63  | 15.52   | 2.51    | 0.86    | 4.06      |
|  | 127 191 127 | 9.22    | 2.45    | 0.96    | 3.64      |
|  | 127 191 191 | 4.90    | 0.30    | 1.06    | 2.73      |
|  | 127 191 255 | 3.89    | 0.99    | 0.65    | 1.70      |
|  | 127 255 0   | 28.98   | 1.13    | 0.04    | 4.91      |
|  | 127 255 63  | 25.16   | 2.00    | 0.05    | 4.64      |
|  | 127 255 127 | 18.16   | 3.43    | 0.04    | 4.31      |
|  | 127 255 191 | 12.95   | 1.92    | 0.16    | 3.94      |
|  | 127 255 255 | 9.10    | 1.92    | 0.01    | 3.63      |
|  | 191 0 0     | 14.05   | 2.62    | 0.52    | 3.20      |
|  | 191 0 63    | 14.18   | 2.09    | 0.37    | 3.60      |
|  | 191 0 127   | 13.42   | 4.18    | 0.01    | 3.73      |
|  | 191 0 191   | 15.24   | 6.07    | 0.40    | 3.90      |
|  | 191 0 255   | 15.25   | 6.83    | 0.05    | 3.44      |
|  | 191 63 0    | 15.96   | 5.01    | 0.73    | 4.41      |
|  | 191 63 63   | 15.02   | 2.17    | 0.64    | 4.33      |
|  | 191 63 127  | 15.29   | 1.73    | 0.88    | 4.46      |
|  | 191 63 191  | 16.53   | 5.47    | 1.09    | 4.58      |
|  | 191 63 255  | 15.96   | 6.93    | 0.50    | 3.89      |
|  | 191 127 0   | 13.21   | 4.89    | 0.99    | 4.24      |
|  | 191 127 63  | 10.21   | 3.98    | 0.79    | 4.06      |
|  | 191 127 127 | 8.93    | 2.04    | 0.91    | 4.39      |
|  | 191 127 191 | 10.89   | 3.53    | 1.03    | 4.45      |
|  | 191 127 255 | 11.37   | 5.27    | 0.51    | 3.69      |
|  | 191 191 0   | 15.70   | 1.66    | 0.58    | 3.61      |
|  | 191 191 63  | 11.98   | 1.14    | 0.44    | 3.19      |
|  | 191 191 127 | 4.35    | 0.89    | 0.55    | 1.90      |
|  | 191 191 191 | 2.13    | 0.11    | 0.65    | 2.23      |

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| Date             | Friday, April 6, 2018                   |
| Tester           | Oliver Jachmann                         |
| Display          | Iiyama ProLite X3272UHS-B1              |
| Sensor           | X-Rite i1 Display Pro (Corr.: WLED, XR) |
| Testchart        | In accordance with ISO 12646:2007 (1)   |
| Target           | sRGB                                    |
| Display Profile  | Not considered                          |
| Rendering Intent | -                                       |

(1) Five equally spaced code values for each channel

|  | RGB             | Delta C | Delta H | Delta L | Delta E94 |
|--|-----------------|---------|---------|---------|-----------|
|  | 191 191 255     | 4.36    | 2.22    | 0.30    | 2.28      |
|  | 191 255 0       | 24.84   | 1.20    | 0.22    | 4.51      |
|  | 191 255 63      | 20.48   | 0.30    | 0.22    | 4.03      |
|  | 191 255 127     | 12.33   | 1.35    | 0.14    | 3.12      |
|  | 191 255 191     | 6.82    | 1.09    | 0.02    | 2.52      |
|  | 191 255 255     | 3.69    | 0.92    | 0.15    | 2.04      |
|  | 255 0 0         | 22.09   | 2.34    | 0.07    | 3.98      |
|  | 255 0 63        | 17.37   | 0.23    | 0.05    | 3.41      |
|  | 255 0 127       | 16.50   | 0.38    | 0.30    | 3.45      |
|  | 255 0 191       | 17.86   | 3.02    | 0.56    | 3.65      |
|  | 255 0 255       | 17.53   | 5.13    | 0.27    | 3.41      |
|  | 255 63 0        | 22.73   | 0.37    | 0.60    | 4.25      |
|  | 255 63 63       | 17.12   | 2.05    | 0.56    | 3.74      |
|  | 255 63 127      | 16.46   | 1.55    | 0.73    | 3.90      |
|  | 255 63 191      | 18.02   | 1.99    | 0.90    | 3.96      |
|  | 255 63 255      | 17.40   | 4.80    | 0.53    | 3.59      |
|  | 255 127 0       | 20.00   | 1.25    | 0.67    | 4.21      |
|  | 255 127 63      | 14.19   | 2.24    | 0.53    | 3.58      |
|  | 255 127 127     | 11.47   | 2.92    | 0.64    | 3.78      |
|  | 255 127 191     | 13.26   | 0.40    | 0.76    | 3.82      |
|  | 255 127 255     | 13.17   | 3.54    | 0.39    | 3.37      |
|  | 255 191 0       | 19.34   | 0.98    | 0.44    | 4.11      |
|  | 255 191 63      | 13.56   | 1.04    | 0.34    | 3.31      |
|  | 255 191 127     | 6.04    | 2.16    | 0.42    | 2.45      |
|  | 255 191 191     | 5.60    | 1.98    | 0.52    | 3.06      |
|  | 255 191 255     | 6.97    | 1.59    | 0.26    | 2.69      |
|  | 255 255 0       | 25.06   | 1.05    | 0.09    | 4.69      |
|  | 255 255 63      | 19.01   | 0.22    | 0.08    | 3.88      |
|  | 255 255 127     | 9.45    | 0.57    | 0.01    | 2.49      |
|  | 255 255 191     | 3.34    | 0.31    | 0.10    | 1.38      |
|  | 255 255 255 (1) | -       | -       | -       | -         |
|  | Average (2)     | 13.19   | 3.06    | 1.12    | 3.97      |
|  | Maximum (2)     | 34.58   | 8.86    | 4.27    | 6.41      |

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint  
(2) Without Black

|             |                         |
|-------------|-------------------------|
| Color Space | Gamut Volume CIELAB D50 |
| sRGB        | 99%                     |