

# Colorimetric Report

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|                  |                                       |
|------------------|---------------------------------------|
| Date             | Friday, April 24, 2015                |
| Display          | HP EliteDisplay S270c                 |
| Sensor           | X-Rite i1 Display Pro (EDR: WLED)     |
| 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

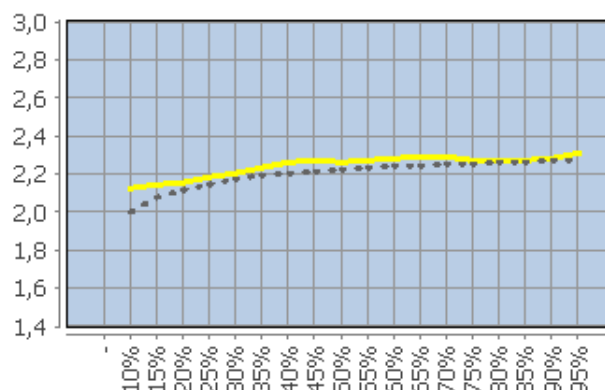
|                                     |                          |
|-------------------------------------|--------------------------|
| White Point (CCT)                   | 6784 Kelvin              |
| White Point XYZ (normalized)        | 96.55 100.00 115.73      |
| DeltaE to D50/ D65                  | 23.87/ 4.87              |
| Assumed Target Whitepoint (2)       | 6800 Kelvin              |
| DeltaE to Assumed Target Whitepoint | 3.16                     |
| Brightness                          | 273.54 cd/m <sup>2</sup> |
| Black Point                         | 0.08 cd/m <sup>2</sup>   |
| Contrast (x:1)                      | 3419:1                   |
| Gradation (Average)                 | 2.24                     |

(2) Daylight

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 7297   | 0.66    | 2.19    | 2.12  |
|  | 15          | 7230   | 0.80    | 1.51    | 2.14  |
|  | 20          | 7118   | 0.76    | 1.02    | 2.15  |
|  | 25          | 7134   | 0.94    | 1.12    | 2.18  |
|  | 30          | 7195   | 1.35    | 1.45    | 2.20  |
|  | 35          | 7178   | 1.50    | 1.65    | 2.23  |
|  | 40          | 7027   | 1.04    | 1.43    | 2.26  |
|  | 45          | 6965   | 0.80    | 1.26    | 2.27  |
|  | 50          | 6840   | 0.36    | 0.66    | 2.26  |
|  | 55          | 6744   | 0.61    | 0.82    | 2.27  |
|  | 60          | 6728   | 0.53    | 0.72    | 2.28  |
|  | 65          | 6838   | 0.37    | 0.63    | 2.29  |
|  | 70          | 6879   | 0.70    | 0.80    | 2.29  |
|  | 75          | 6863   | 0.85    | 0.86    | 2.27  |
|  | 80          | 6797   | 0.52    | 0.53    | 2.27  |
|  | 85          | 6784   | 0.40    | 0.40    | 2.27  |
|  | 90          | 6811   | 0.61    | 0.61    | 2.28  |
|  | 95          | 6821   | 0.84    | 0.84    | 2.31  |
|  | 100 (3)     | 6785   | -       | -       | -     |
|  | Average (4) | -      | 0.76    | 0.96    | 2.24  |
|  | Maximum (4) | -      | 1.5     | 1.65    | -     |
|  | Range (4)   | -      | 2.03    | -       | -     |

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

### Corresponding Gamma



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| Display          | HP EliteDisplay S270c                 |
| Sensor           | X-Rite i1 Display Pro (EDR: WLED)     |
| 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      | 0.37    | 0.00    | 0.25    | 0.45      |
|  | 0 0 63     | 1.54    | 2.16    | 0.53    | 1.50      |
|  | 0 0 127    | 6.61    | 4.86    | 1.73    | 3.16      |
|  | 0 0 191    | 9.41    | 6.09    | 1.78    | 3.35      |
|  | 0 0 255    | 2.83    | 0.81    | 1.80    | 1.86      |
|  | 0 63 0     | 0.40    | 0.91    | 0.68    | 0.89      |
|  | 0 63 63    | 1.41    | 0.50    | 0.54    | 1.02      |
|  | 0 63 127   | 2.31    | 3.88    | 0.89    | 2.66      |
|  | 0 63 191   | 6.57    | 5.58    | 1.07    | 3.12      |
|  | 0 63 255   | 2.55    | 0.94    | 1.77    | 1.85      |
|  | 0 127 0    | 3.54    | 4.59    | 1.11    | 2.62      |
|  | 0 127 63   | 0.07    | 2.42    | 0.74    | 1.55      |
|  | 0 127 127  | 2.78    | 0.99    | 0.78    | 1.58      |
|  | 0 127 191  | 1.77    | 5.75    | 0.80    | 3.67      |
|  | 0 127 255  | 2.73    | 2.37    | 1.34    | 1.86      |
|  | 0 191 0    | 6.58    | 7.57    | 0.49    | 3.37      |
|  | 0 191 63   | 3.28    | 5.38    | 0.18    | 2.49      |
|  | 0 191 127  | 0.60    | 3.26    | 0.18    | 1.74      |
|  | 0 191 191  | 3.55    | 1.18    | 0.20    | 1.47      |
|  | 0 191 255  | 0.14    | 3.17    | 1.22    | 2.24      |
|  | 0 255 0    | 11.60   | 15.68   | 0.56    | 5.92      |
|  | 0 255 63   | 6.34    | 12.54   | 0.57    | 4.86      |
|  | 0 255 127  | 0.28    | 8.77    | 0.52    | 3.77      |
|  | 0 255 191  | 4.88    | 4.57    | 0.44    | 2.63      |
|  | 0 255 255  | 5.42    | 0.97    | 1.01    | 2.02      |
|  | 63 0 0     | 2.42    | 1.34    | 1.29    | 1.85      |
|  | 63 0 63    | 2.57    | 1.02    | 1.47    | 1.82      |
|  | 63 0 127   | 6.15    | 2.22    | 1.79    | 2.52      |
|  | 63 0 191   | 9.47    | 4.42    | 1.78    | 2.99      |
|  | 63 0 255   | 3.20    | 0.34    | 1.47    | 1.55      |
|  | 63 63 0    | 1.92    | 1.70    | 0.70    | 1.51      |
|  | 63 63 63   | 0.74    | 0.13    | 0.47    | 0.89      |
|  | 63 63 127  | 2.97    | 1.83    | 0.78    | 1.73      |
|  | 63 63 191  | 6.51    | 3.70    | 0.91    | 2.41      |
|  | 63 63 255  | 2.16    | 0.19    | 1.77    | 1.80      |
|  | 63 127 0   | 5.37    | 3.09    | 0.77    | 2.22      |
|  | 63 127 63  | 1.34    | 1.58    | 0.37    | 1.11      |
|  | 63 127 127 | 1.65    | 0.73    | 0.39    | 1.08      |
|  | 63 127 191 | 2.51    | 4.48    | 0.41    | 2.98      |
|  | 63 127 255 | 1.87    | 1.02    | 1.65    | 1.78      |
|  | 63 191 0   | 8.00    | 6.51    | 0.20    | 3.15      |
|  | 63 191 63  | 4.10    | 4.54    | 0.12    | 2.26      |
|  | 63 191 127 | 0.05    | 2.79    | 0.13    | 1.54      |
|  | 63 191 191 | 2.90    | 1.12    | 0.14    | 1.34      |
|  | 63 191 255 | 0.16    | 2.04    | 1.51    | 1.95      |
|  | 63 255 0   | 12.38   | 14.97   | 0.56    | 5.81      |
|  | 63 255 63  | 6.71    | 11.86   | 0.59    | 4.71      |

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|------------------|---------------------------------------|
| Date             | Friday, April 24, 2015                |
| Display          | HP EliteDisplay S270c                 |
| Sensor           | X-Rite i1 Display Pro (EDR: WLED)     |
| 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  | 0.30    | 8.08    | 0.54    | 3.55      |
|  | 63 255 191  | 4.78    | 4.07    | 0.48    | 2.48      |
|  | 63 255 255  | 5.22    | 0.82    | 1.05    | 2.04      |
|  | 127 0 0     | 1.87    | 0.37    | 2.03    | 2.10      |
|  | 127 0 63    | 0.02    | 2.61    | 1.93    | 2.43      |
|  | 127 0 127   | 4.34    | 1.37    | 2.08    | 2.43      |
|  | 127 0 191   | 8.42    | 1.10    | 2.04    | 2.61      |
|  | 127 0 255   | 3.95    | 0.80    | 0.73    | 0.98      |
|  | 127 63 0    | 1.40    | 3.89    | 1.28    | 2.59      |
|  | 127 63 63   | 1.84    | 0.11    | 0.98    | 1.25      |
|  | 127 63 127  | 2.19    | 1.29    | 1.09    | 1.52      |
|  | 127 63 191  | 6.14    | 0.76    | 1.13    | 1.82      |
|  | 127 63 255  | 2.42    | 0.87    | 1.26    | 1.37      |
|  | 127 127 0   | 6.99    | 0.59    | 0.94    | 2.18      |
|  | 127 127 63  | 2.34    | 0.94    | 0.53    | 1.21      |
|  | 127 127 127 | 0.39    | 0.10    | 0.51    | 0.65      |
|  | 127 127 191 | 3.55    | 1.61    | 0.50    | 1.76      |
|  | 127 127 255 | 1.72    | 0.31    | 1.47    | 1.53      |
|  | 127 191 0   | 9.97    | 3.88    | 0.29    | 2.74      |
|  | 127 191 63  | 5.77    | 2.43    | 0.06    | 1.84      |
|  | 127 191 127 | 1.67    | 1.75    | 0.08    | 1.22      |
|  | 127 191 191 | 1.61    | 1.00    | 0.11    | 1.13      |
|  | 127 191 255 | 0.69    | 0.92    | 1.47    | 1.60      |
|  | 127 255 0   | 14.51   | 12.73   | 0.45    | 5.42      |
|  | 127 255 63  | 8.45    | 10.19   | 0.50    | 4.38      |
|  | 127 255 127 | 1.75    | 7.26    | 0.47    | 3.39      |
|  | 127 255 191 | 3.78    | 3.99    | 0.42    | 2.51      |
|  | 127 255 255 | 4.58    | 0.65    | 1.02    | 2.04      |
|  | 191 0 0     | 1.96    | 4.16    | 2.15    | 2.86      |
|  | 191 0 63    | 0.69    | 1.43    | 2.06    | 2.18      |
|  | 191 0 127   | 2.33    | 2.88    | 2.16    | 2.62      |
|  | 191 0 191   | 6.75    | 1.92    | 2.16    | 2.65      |
|  | 191 0 255   | 4.35    | 2.40    | 0.09    | 1.11      |
|  | 191 63 0    | 3.55    | 5.70    | 1.60    | 3.23      |
|  | 191 63 63   | 1.53    | 0.30    | 1.37    | 1.44      |
|  | 191 63 127  | 0.68    | 2.47    | 1.40    | 1.94      |
|  | 191 63 191  | 5.03    | 2.07    | 1.38    | 2.02      |
|  | 191 63 255  | 2.42    | 2.48    | 0.53    | 1.17      |
|  | 191 127 0   | 7.29    | 4.42    | 1.14    | 3.09      |
|  | 191 127 63  | 1.37    | 3.24    | 0.77    | 2.09      |
|  | 191 127 127 | 1.27    | 0.19    | 0.74    | 0.95      |
|  | 191 127 191 | 2.73    | 1.59    | 0.69    | 1.52      |
|  | 191 127 255 | 1.00    | 2.17    | 1.04    | 1.49      |
|  | 191 191 0   | 11.69   | 0.24    | 0.44    | 2.63      |
|  | 191 191 63  | 6.91    | 0.93    | 0.12    | 1.86      |
|  | 191 191 127 | 2.62    | 0.87    | 0.09    | 1.19      |
|  | 191 191 191 | 0.84    | 0.14    | 0.05    | 0.86      |

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|------------------|---------------------------------------|
| Date             | Friday, April 24, 2015                |
| Display          | HP EliteDisplay S270c                 |
| Sensor           | X-Rite i1 Display Pro (EDR: WLED)     |
| 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     | 0.62    | 1.04    | 1.21    | 1.42      |
|  | 191 255 0       | 17.47   | 8.66    | 0.22    | 4.68      |
|  | 191 255 63      | 10.98   | 6.97    | 0.28    | 3.66      |
|  | 191 255 127     | 4.10    | 5.18    | 0.24    | 2.77      |
|  | 191 255 191     | 1.53    | 3.61    | 0.22    | 2.33      |
|  | 191 255 255     | 3.11    | 0.45    | 0.78    | 1.82      |
|  | 255 0 0         | 7.47    | 9.89    | 2.80    | 4.93      |
|  | 255 0 63        | 0.82    | 0.46    | 2.78    | 2.79      |
|  | 255 0 127       | 0.71    | 4.33    | 2.82    | 3.41      |
|  | 255 0 191       | 5.21    | 5.12    | 2.80    | 3.64      |
|  | 255 0 255       | 4.23    | 4.82    | 1.38    | 2.34      |
|  | 255 63 0        | 6.88    | 10.03   | 2.23    | 4.81      |
|  | 255 63 63       | 1.96    | 1.44    | 2.09    | 2.23      |
|  | 255 63 127      | 1.39    | 3.56    | 2.10    | 2.70      |
|  | 255 63 191      | 3.05    | 5.18    | 2.06    | 3.14      |
|  | 255 63 255      | 1.73    | 4.82    | 0.65    | 2.00      |
|  | 255 127 0       | 8.11    | 9.23    | 1.48    | 4.62      |
|  | 255 127 63      | 0.13    | 5.37    | 1.20    | 2.86      |
|  | 255 127 127     | 3.54    | 0.21    | 1.15    | 1.55      |
|  | 255 127 191     | 0.40    | 4.05    | 1.09    | 2.45      |
|  | 255 127 255     | 1.28    | 4.51    | 0.27    | 2.12      |
|  | 255 191 0       | 12.90   | 6.33    | 0.73    | 3.97      |
|  | 255 191 63      | 6.16    | 6.00    | 0.47    | 3.30      |
|  | 255 191 127     | 0.27    | 4.47    | 0.42    | 2.72      |
|  | 255 191 191     | 2.82    | 0.68    | 0.38    | 1.48      |
|  | 255 191 255     | 2.24    | 3.42    | 0.66    | 2.38      |
|  | 255 255 0       | 20.54   | 2.07    | 0.35    | 3.94      |
|  | 255 255 63      | 12.88   | 1.04    | 0.30    | 2.68      |
|  | 255 255 127     | 5.33    | 0.54    | 0.32    | 1.46      |
|  | 255 255 191     | 0.35    | 0.79    | 0.34    | 0.65      |
|  | 255 255 255 (1) | -       | -       | -       | -         |
|  | Average (2)     | 4.01    | 3.35    | 0.97    | 2.38      |
|  | Maximum (2)     | 20.54   | 15.68   | 2.82    | 5.92      |

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint

(2) Without Black

RGB values compressed to video level if necessary

|             |                         |
|-------------|-------------------------|
| Color Space | Gamut Volume CIELAB D50 |
| sRGB        | 92%                     |