

Projekt nr.:

Tellija:

Rajatise aadress:

Valgustehniliste mõõtmiste raport

Tööruum

Töökoht

Teostusmõõdistus

Mõõtja:

Kuupäev:



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MEASUREMENT #1

Dataset #1 of 15

Common Values

Quantity = E

Calibration Name = n/a

Integral Integration Time = -1 ms

Spectral Integration Time = -1 ms

Date / Time = 12.12.2017 18:21:33

Integral Values

Intensity E = 500.0300 lx

$a(z) = -1.0000$

Flicker Values

$E_{max} = 63747.0$ lx

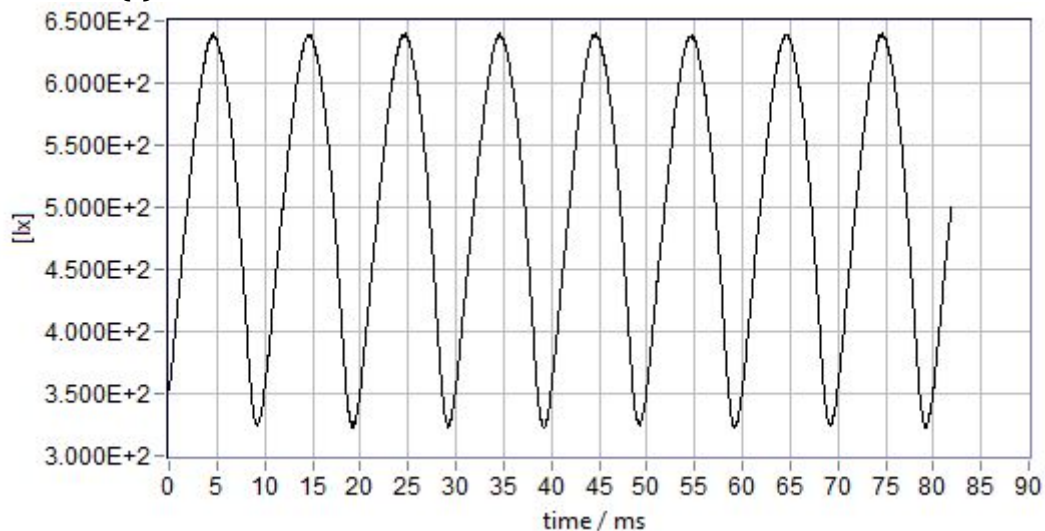
$E_{min} = 32195.5$ lx

Percent = 32.9 %

Index = 0.0956

Frequency = 201 Hz

Flicker E(t)



Color

$x = 0.3735$; $y = 0.3751$

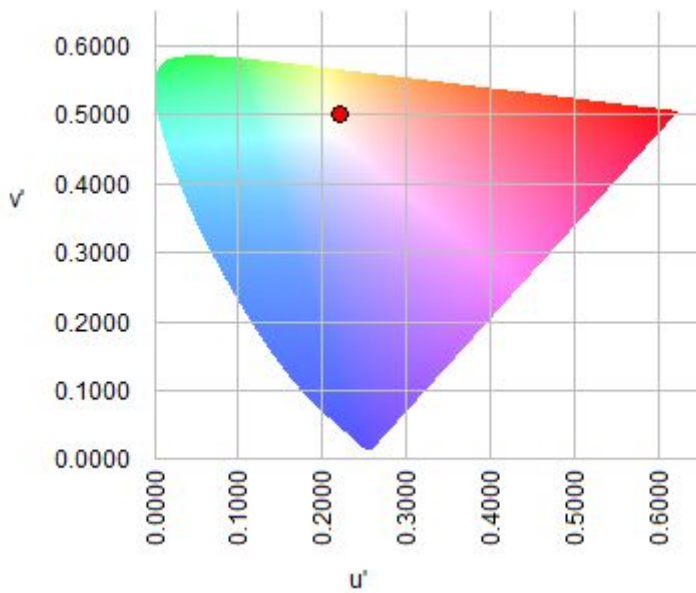
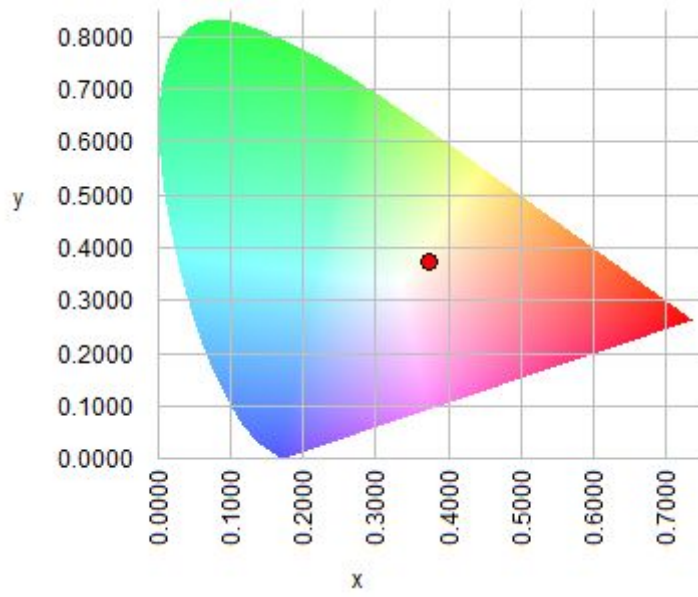
$u' = 0.2212$; $v' = 0.4998$

$X = 7.2915E-1$; $Y = 7.3211E-1$; $Z = 4.9077E-1$

$\Delta u'v' = 0.0013$

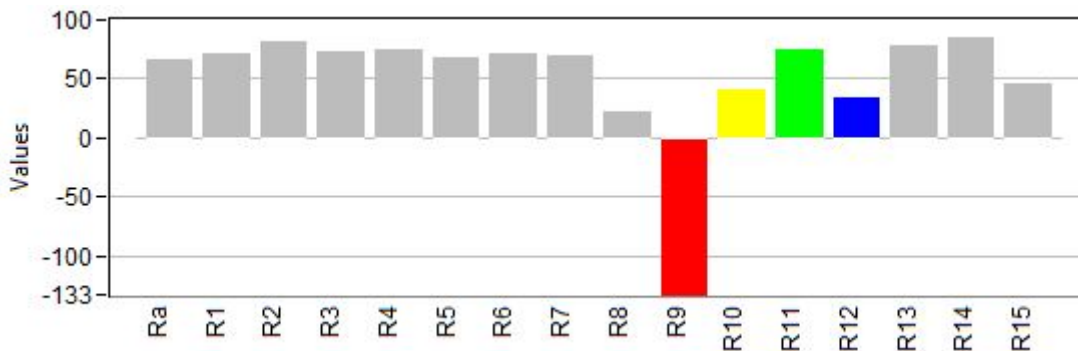
CCT = 4180 K

purity = 0.2465



CRI Values

$R_a = 66.20$; $R_1 = 70.52$; $R_2 = 80.55$; $R_3 = 73.23$
 $R_4 = 74.01$; $R_5 = 68.28$; $R_6 = 71.49$; $R_7 = 69.83$
 $R_8 = 21.69$; $R_9 = -132.50$; $R_{10} = 39.85$; $R_{11} = 74.33$
 $R_{12} = 32.82$; $R_{13} = 77.62$; $R_{14} = 84.05$; $R_{15} = 45.05$



Spectral Values

Minimum Wavelength = 380.00 nm; Maximum Wavelength = 750.00 nm

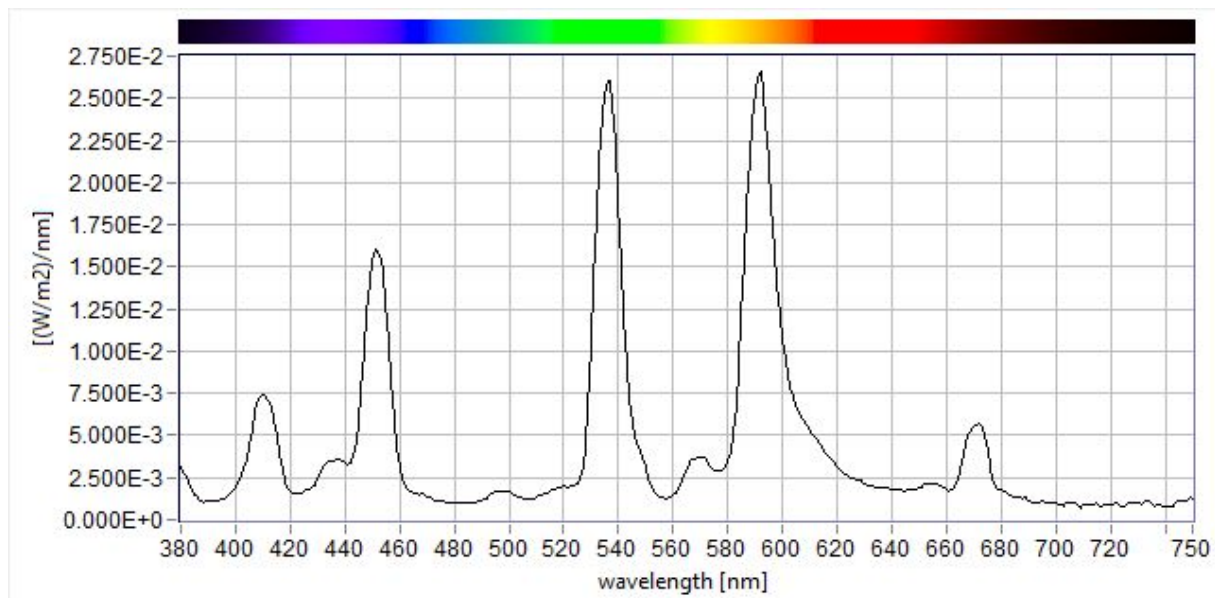
Peak Wavelength = 591.60 nm; Peak Intensity = 2.6596E-2 (W/m²)/nm

Radiometric Value = 1.5255 W/m²

FWHM = 12.90 nm

Center Wavelength = 591.80 nm

Centroid Wavelength = 550.20 nm



MEASUREMENT #2

Dataset #2 of 15

Common Values

Quantity = E

Calibration Name = n/a

Integral Integration Time = -1 ms

Spectral Integration Time = -1 ms

Date / Time = 12.12.2017 18:27:11

Integral Values

Intensity E = 1137.7000 lx

$a(z) = -1.0000$

Flicker Values

$E_{max} = 112941.7$ lx

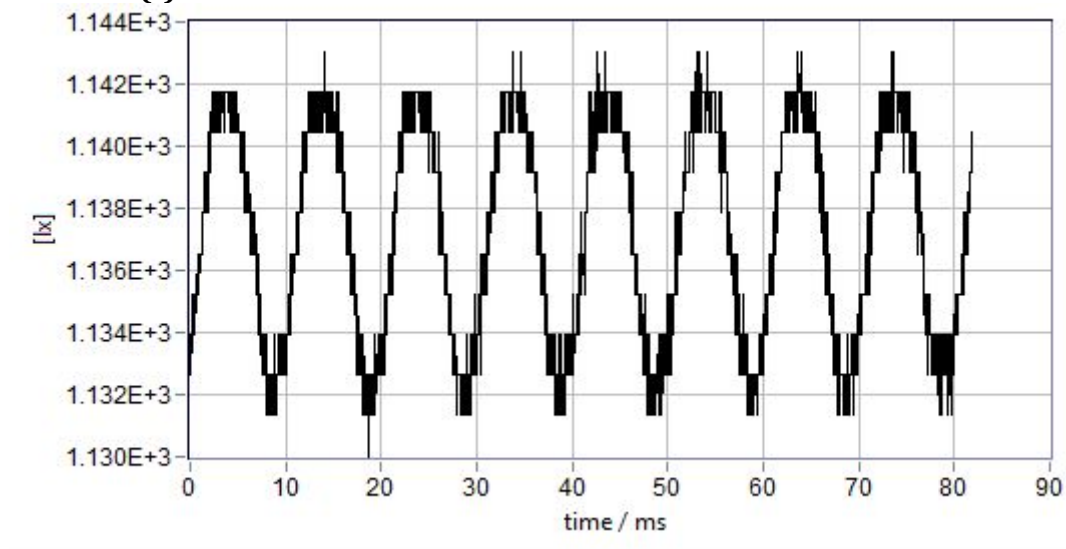
$E_{min} = 111653.9$ lx

Percent = 0.6 %

Index = 0.0018

Frequency = 201 Hz

Flicker E(t)



Color

$x = 0.3749$; $y = 0.3775$

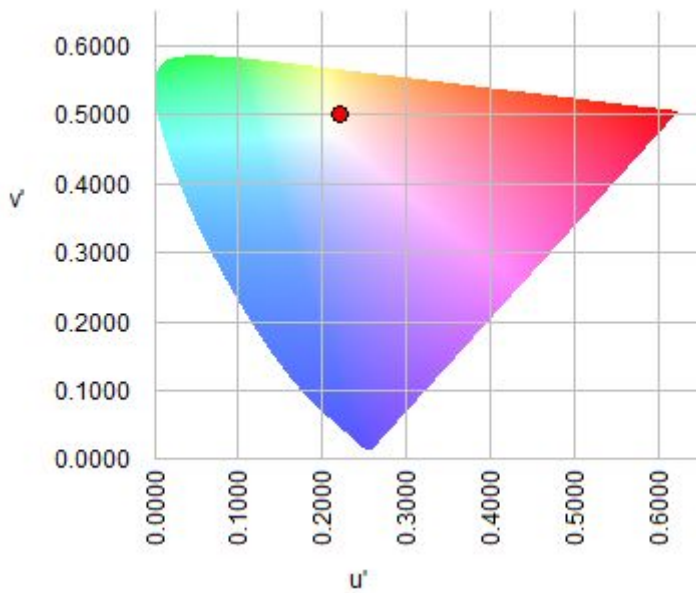
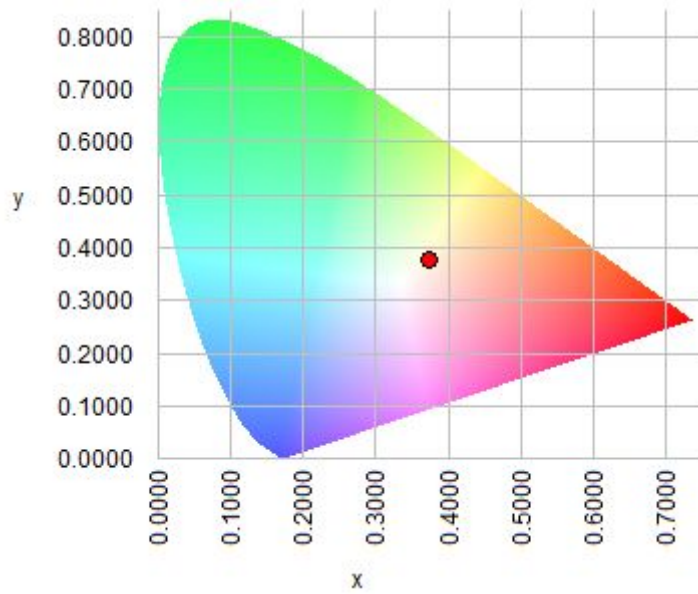
$u' = 0.2212$; $v' = 0.5011$

$X = 1.6545 \times 10^0$; $Y = 1.6657 \times 10^0$; $Z = 1.0926 \times 10^0$

$\Delta u'v' = 0.0020$

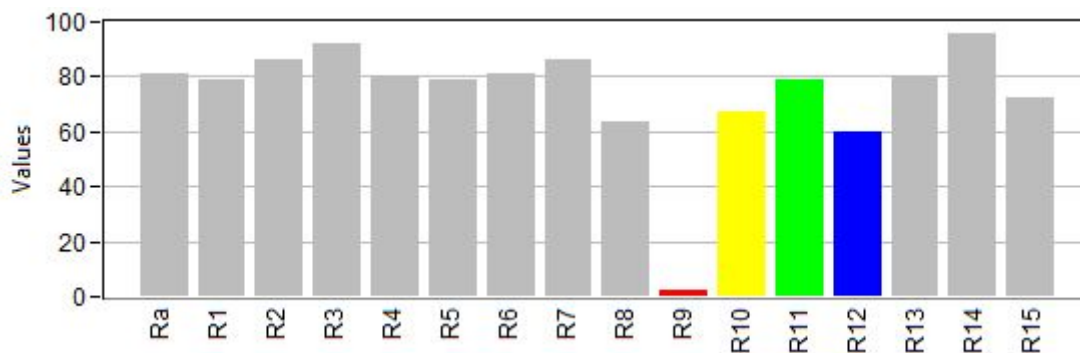
CCT = 4156 K

purity = 0.2580



CRI Values

$R_a = 80.89$; $R_1 = 78.57$; $R_2 = 86.12$; $R_3 = 92.18$
 $R_4 = 80.52$; $R_5 = 78.84$; $R_6 = 80.90$; $R_7 = 86.16$
 $R_8 = 63.80$; $R_9 = 2.39$; $R_{10} = 67.24$; $R_{11} = 78.69$
 $R_{12} = 60.12$; $R_{13} = 80.08$; $R_{14} = 95.63$; $R_{15} = 72.17$



Spectral Values

Minimum Wavelength = 380.00 nm; Maximum Wavelength = 750.00 nm

Peak Wavelength = 449.50 nm; Peak Intensity = 2.0184×10^{-2} (W/m²)/nm

Radiometric Value = 3.4402 W/m²

FWHM = 25.00 nm

Center Wavelength = 449.50 nm

Centroid Wavelength = 561.00 nm

