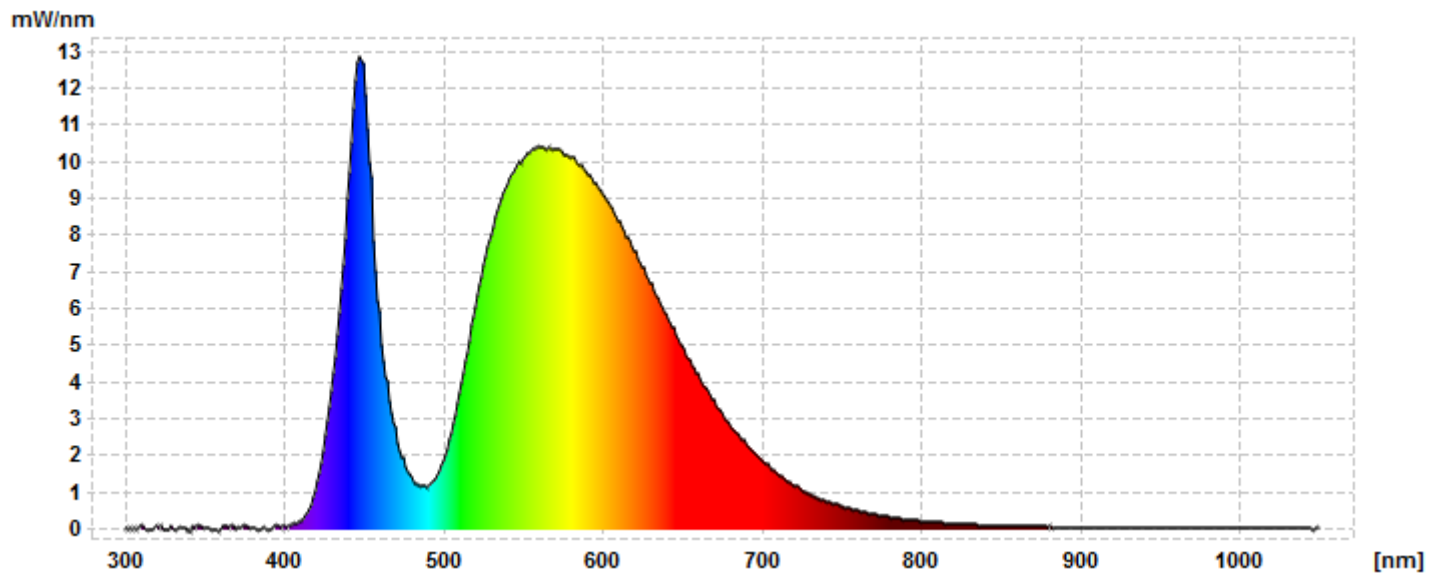


LED DMX Inset 20W - nur weisse LEDs - only white LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - Weiss
 Measurement time: 2016-04-23 17:33:00
 Report time: 2016-04-23 18:02:53
 Signal Level: 67.354
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

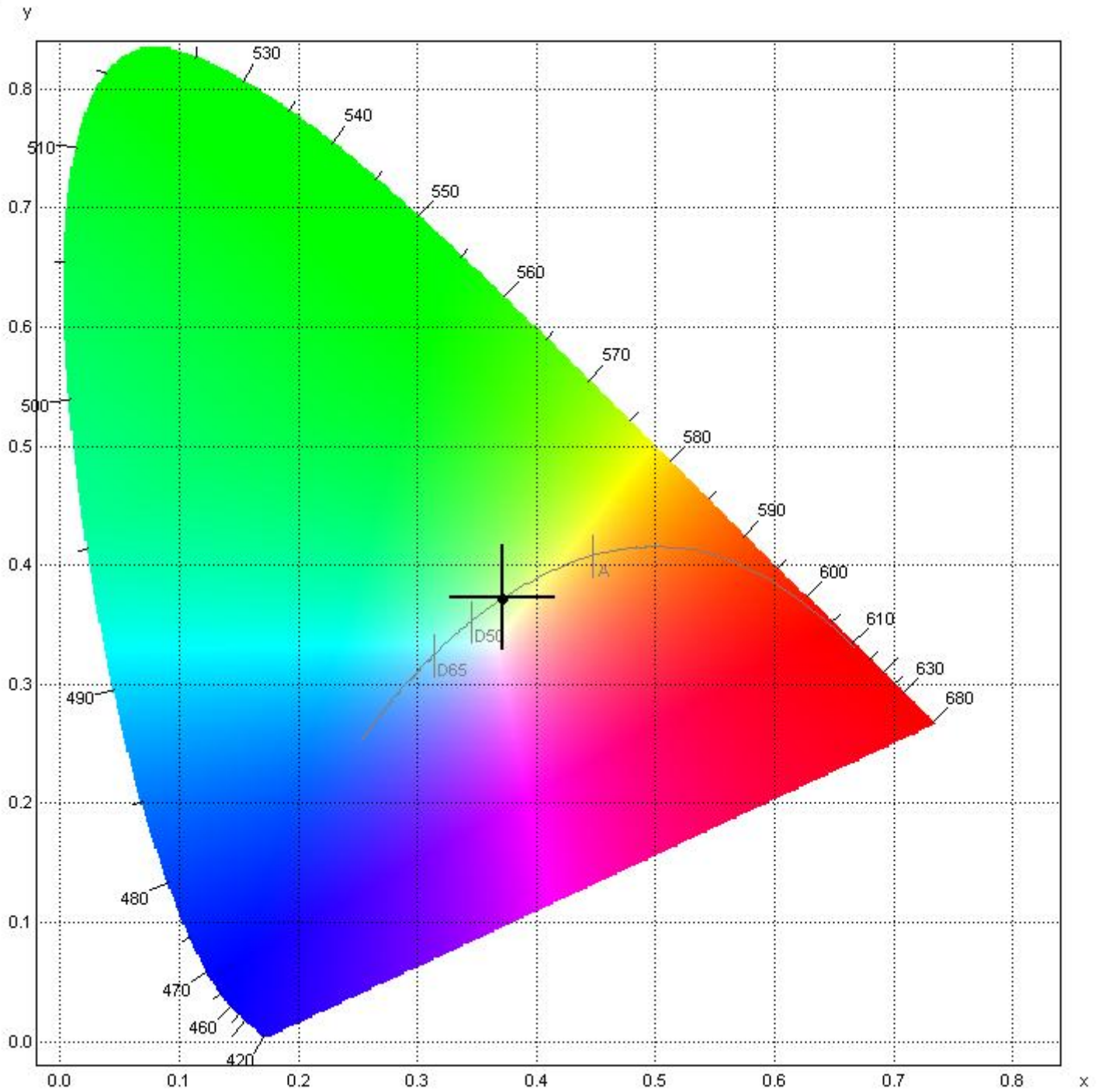
Results

Important Values	
CCT [K]	4221
Light Flux [lm]	592.38
Delta uv	0.0007
Ansi Bin	5A2
Color Peak [nm]	447.27
Color Peak Value	12.91
Wavelength Domin. [nm]	577.8
Radiometric [W]	1.7952
Luminous Efficacy [lm/W]	78.3575
Power [W]	7,56
Current [A]	0,315
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.2

Rendering Indices	
Ra	69.3
R1	67.3
R2	74.5
R3	77.0
R4	68.7
R5	65.6
R6	61.6
R7	81.0
R8	58.4
R9	0.0
R10	36.6
R11	60.7
R12	31.0
R13	67.7
R14	86.4

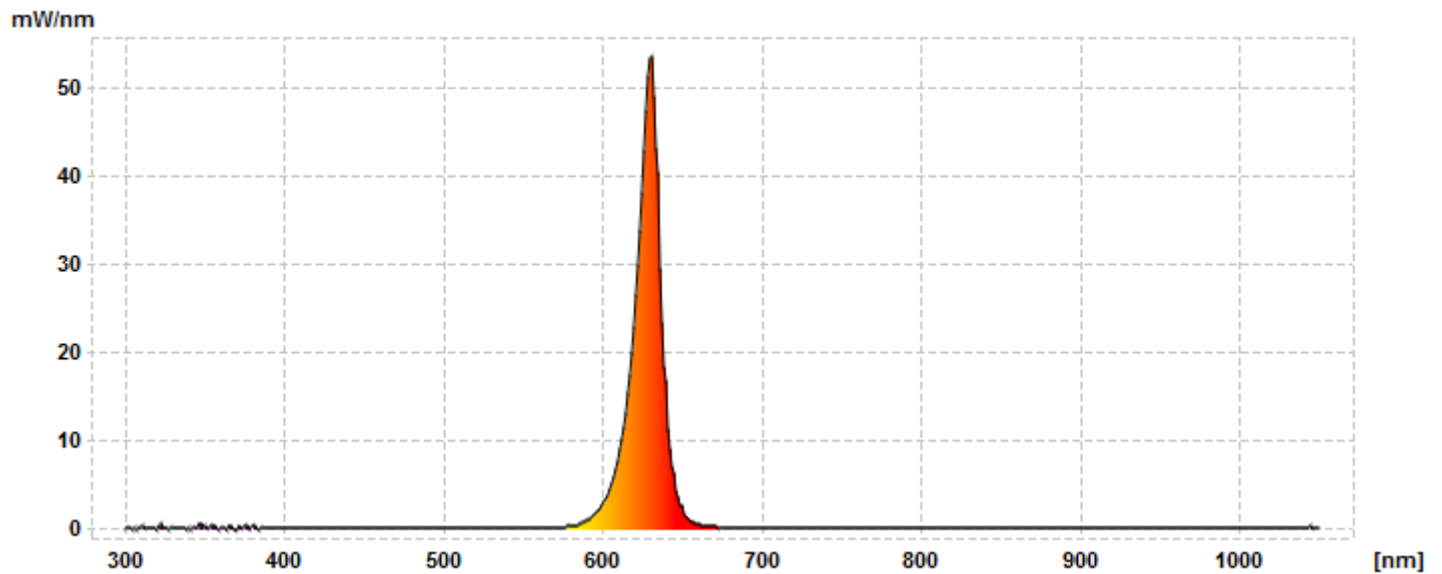
CIE 1931	
x	0.3716
y	0.3725
u'	0.2210
v'	0.4984
L	67.47
a	-0.29
b	16.94
X	590.93
Z	406.85

CIE 1931



LED DMX Inset 20W - nur rote LEDs - only red LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - Rot
 Measurement time: 2016-04-23 17:31:31
 Report time: 2016-04-23 18:01:50
 Signal Level: 70.279
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

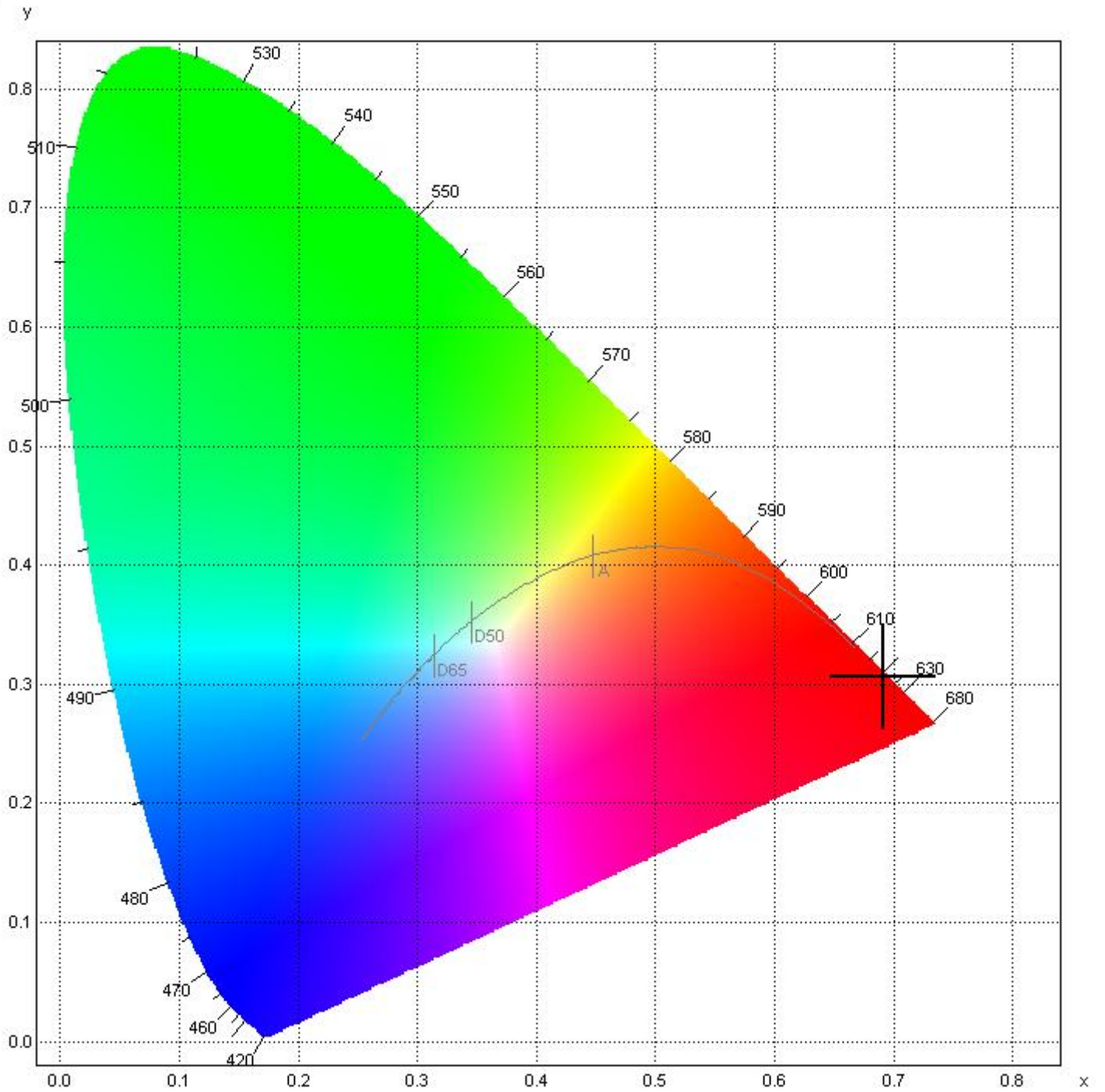
Results

Important Values	
CCT [K]	-
Light Flux [lm]	216.11
Delta uv	na
Ansi Bin	
Color Peak [nm]	630.19
Color Peak Value	53.87
Wavelength Domin. [nm]	621.2
Radiometric [W]	1.0297
Luminous Efficacy [lm/W]	64.3174
Power [W]	3,36
Current [A]	0,14
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.3

Rendering Indices	
Ra	13.1
R1	0.0
R2	0.0
R3	57.7
R4	0.0
R5	0.0
R6	0.0
R7	46.7
R8	0.0
R9	0.0
R10	0.0
R11	0.0
R12	0.0
R13	0.0
R14	67.7

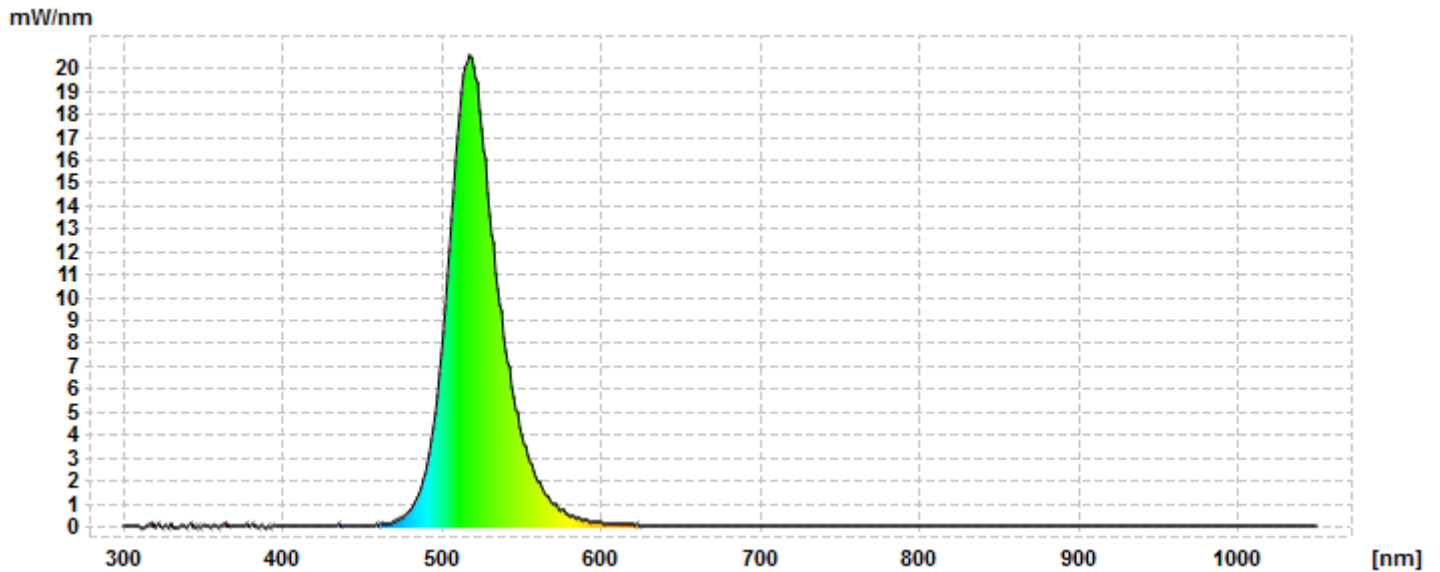
CIE 1931	
x	0.6916
y	0.3062
u'	0.5227
v'	0.5208
L	62.19
a	105.14
b	103.80
X	488.01
Z	1.55

CIE 1931



LED DMX Inset 20W - nur grüne LEDs - only green LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - Grün
 Measurement time: 2016-04-23 17:32:05
 Report time: 2016-04-23 18:02:11
 Signal Level: 69.771
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

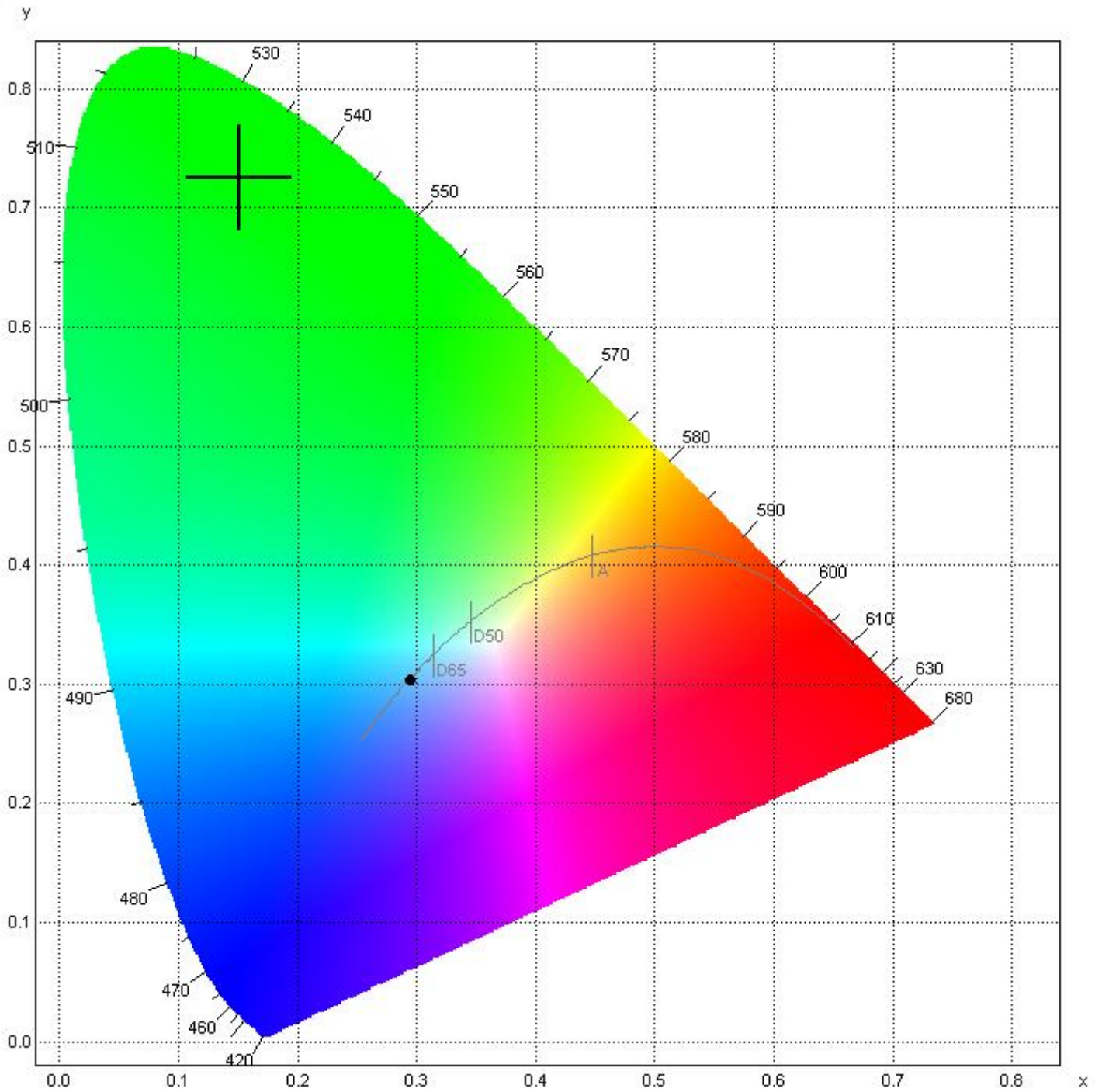
Results

Important Values	
CCT [K]	8124
Light Flux [lm]	360.66
Delta uv	0.1627
Ansi Bin	
Color Peak [nm]	517.88
Color Peak Value	20.63
Wavelength Domin. [nm]	523.6
Radiometric [W]	0.7703
Luminous Efficacy [lm/W]	61.5880
Power [W]	5,856
Current [A]	0,244
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.3

Rendering Indices	
Ra	0.0
R1	0.0
R2	0.0
R3	0.0
R4	0.0
R5	0.0
R6	0.0
R7	0.0
R8	0.0
R9	0.0
R10	0.0
R11	0.0
R12	0.0
R13	0.0
R14	37.0

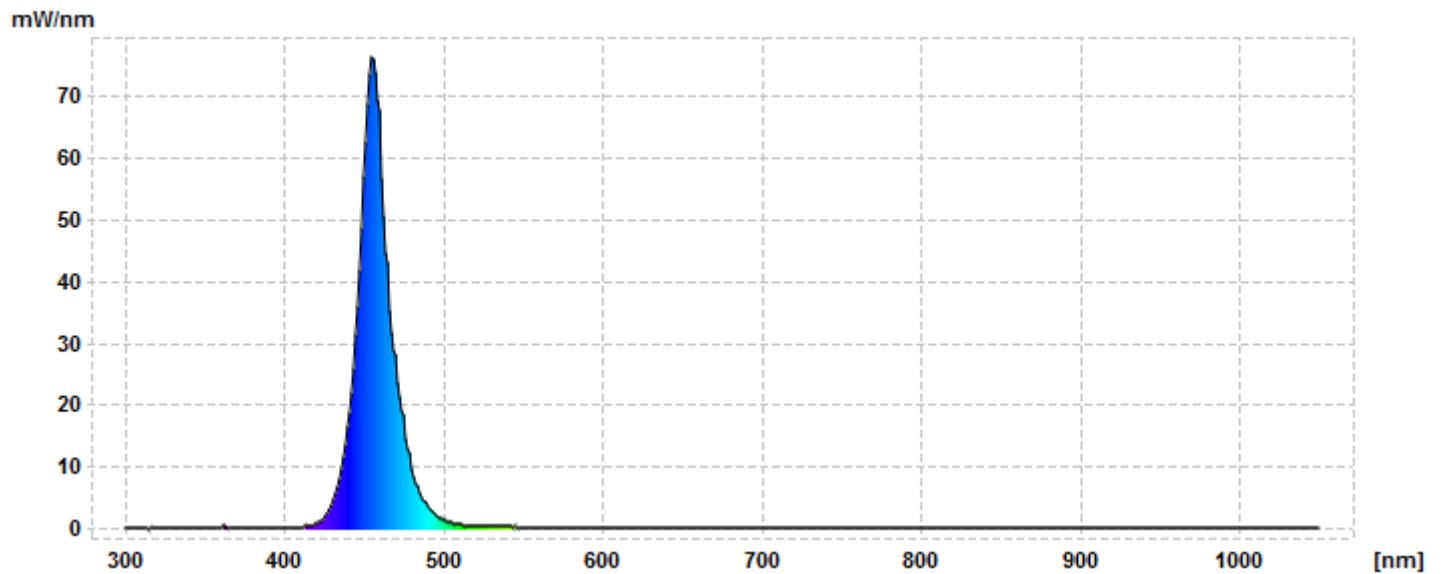
CIE 1931	
x	0.1513
y	0.7251
u'	0.0531
v'	0.5725
L	88.21
a	-182.76
b	80.06
X	75.26
Z	61.46

CIE 1931



LED DMX Inset 20W - nur blaue LEDs - only blue LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - Blau
 Measurement time: 2016-04-23 17:32:33
 Report time: 2016-04-23 18:02:31
 Signal Level: 69.531
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

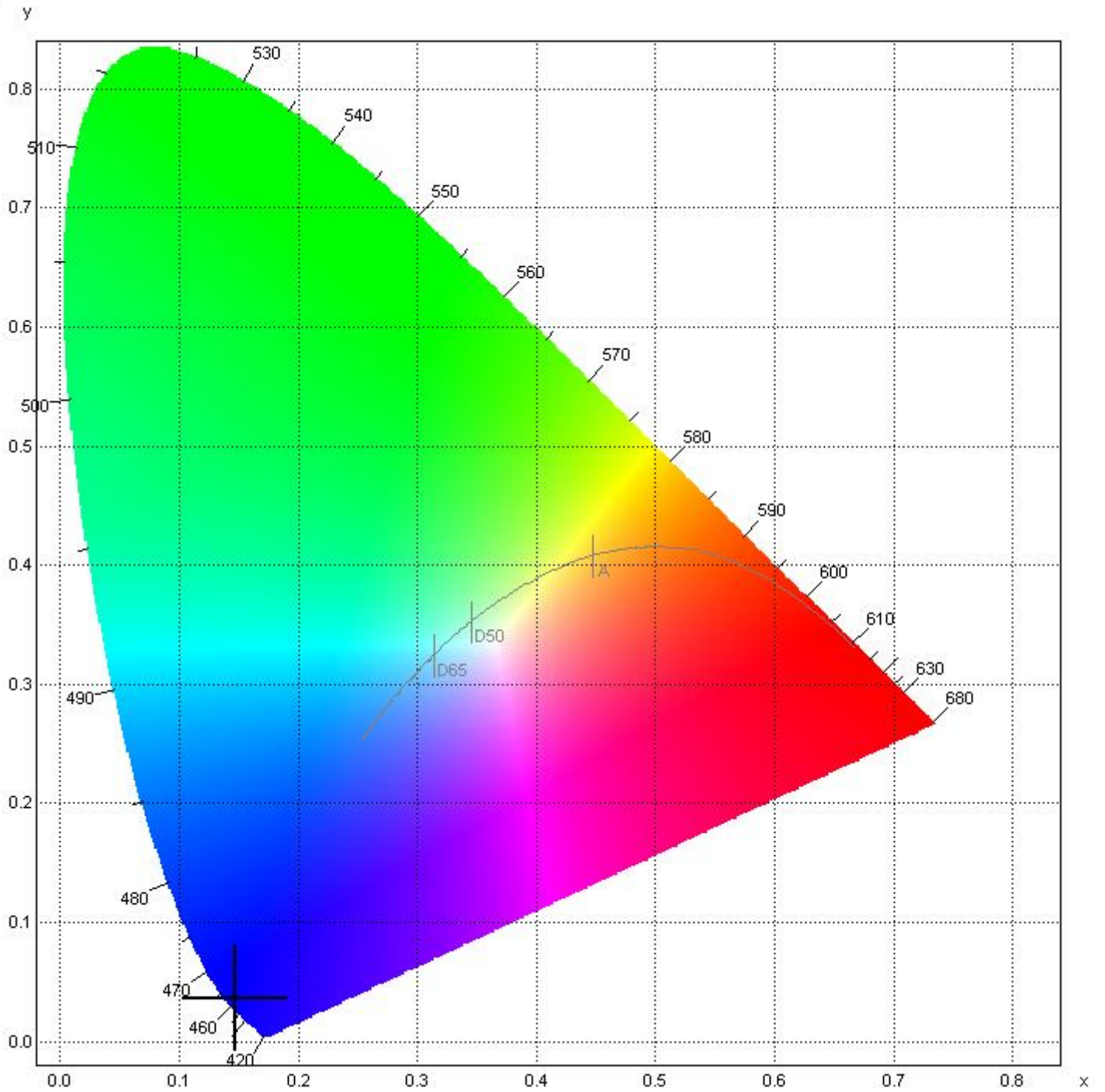
Results

Important Values	
CCT [K]	-
Light Flux [lm]	86.67
Delta uv	na
Ansi Bin	
Color Peak [nm]	455.21
Color Peak Value	76.94
Wavelength Domin. [nm]	460.4
Radiometric [W]	1.8268
Luminous Efficacy [lm/W]	15.2366
Power [W]	5,688
Current [A]	0,237
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.3

Rendering Indices	
Ra	0.1
R1	0.0
R2	1.1
R3	0.0
R4	0.0
R5	0.0
R6	0.0
R7	0.0
R8	0.0
R9	0.0
R10	0.0
R11	0.0
R12	0.0
R13	0.0
R14	0.0

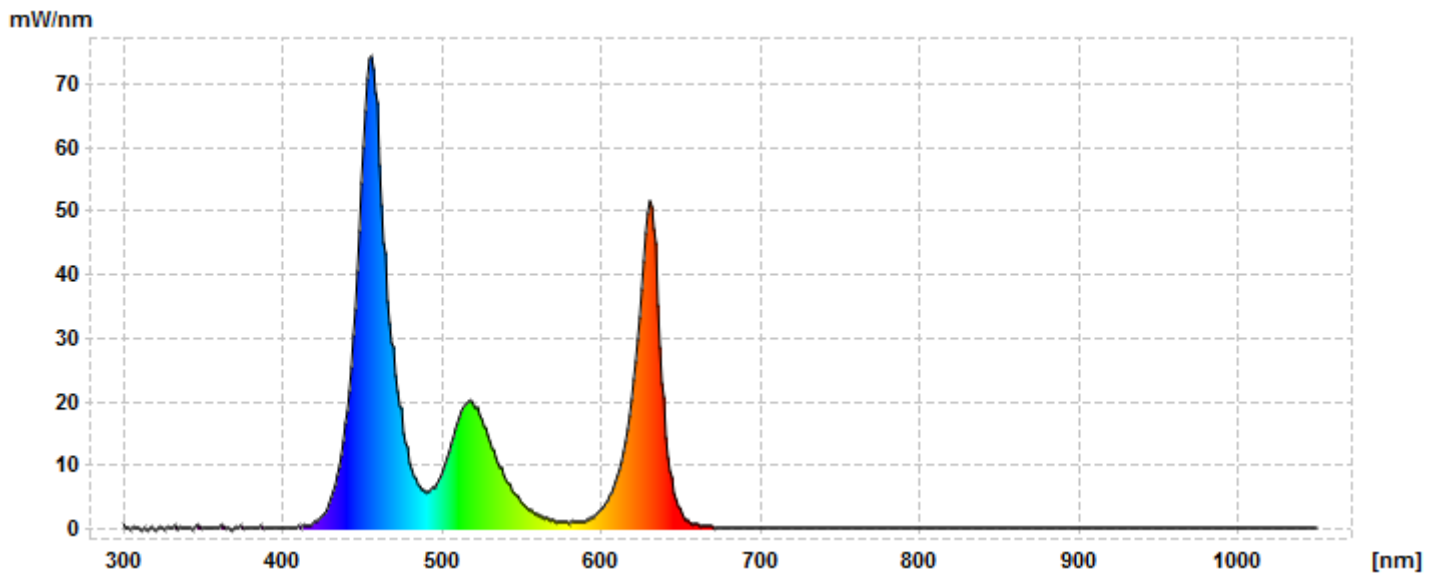
CIE 1931	
x	0.1473
y	0.0366
u'	0.1874
v'	0.1049
L	22.53
a	98.02
b	-120.47
X	348.52
Z	1930.20

CIE 1931



LED DMX Inset 20W - RGB LEDs ohne den weissen LEDs- RGB LEDs without white LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - RGB
 Measurement time: 2016-04-23 17:33:32
 Report time: 2016-04-23 18:03:16
 Signal Level: 69.252
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

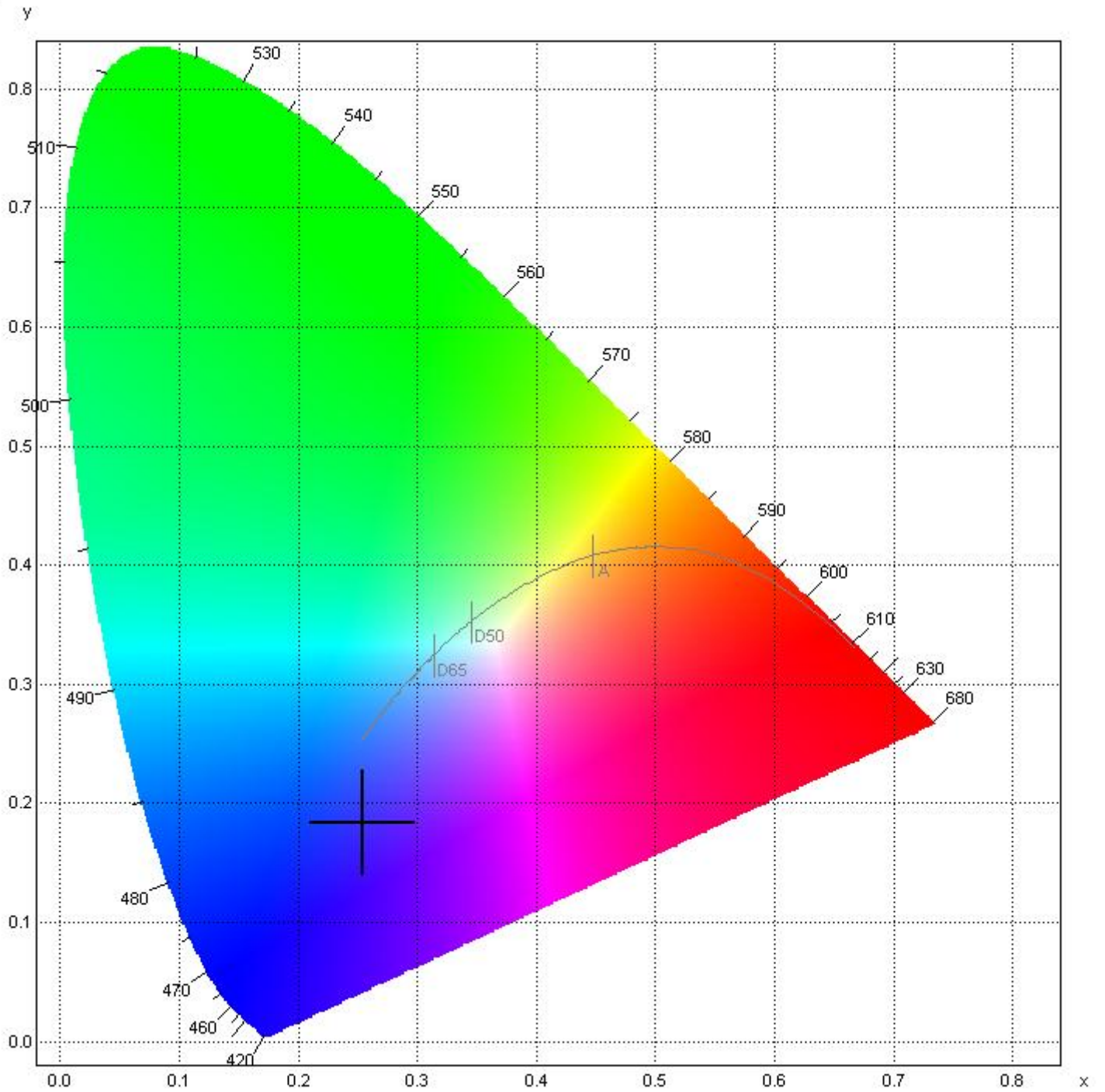
Results

Important Values	
CCT [K]	-
Light Flux [lm]	639.40
Delta uv	na
Ansi Bin	
Color Peak [nm]	455.21
Color Peak Value	74.51
Wavelength Domin. [nm]	442.7
Radiometric [W]	3.5518
Luminous Efficacy [lm/W]	47.4052
Power [W]	13,488
Current [A]	0,562
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.2

Rendering Indices	
Ra	21.2
R1	0.0
R2	7.9
R3	37.1
R4	45.4
R5	5.5
R6	0.0
R7	74.1
R8	0.0
R9	0.0
R10	0.0
R11	23.6
R12	0.0
R13	0.0
R14	71.9

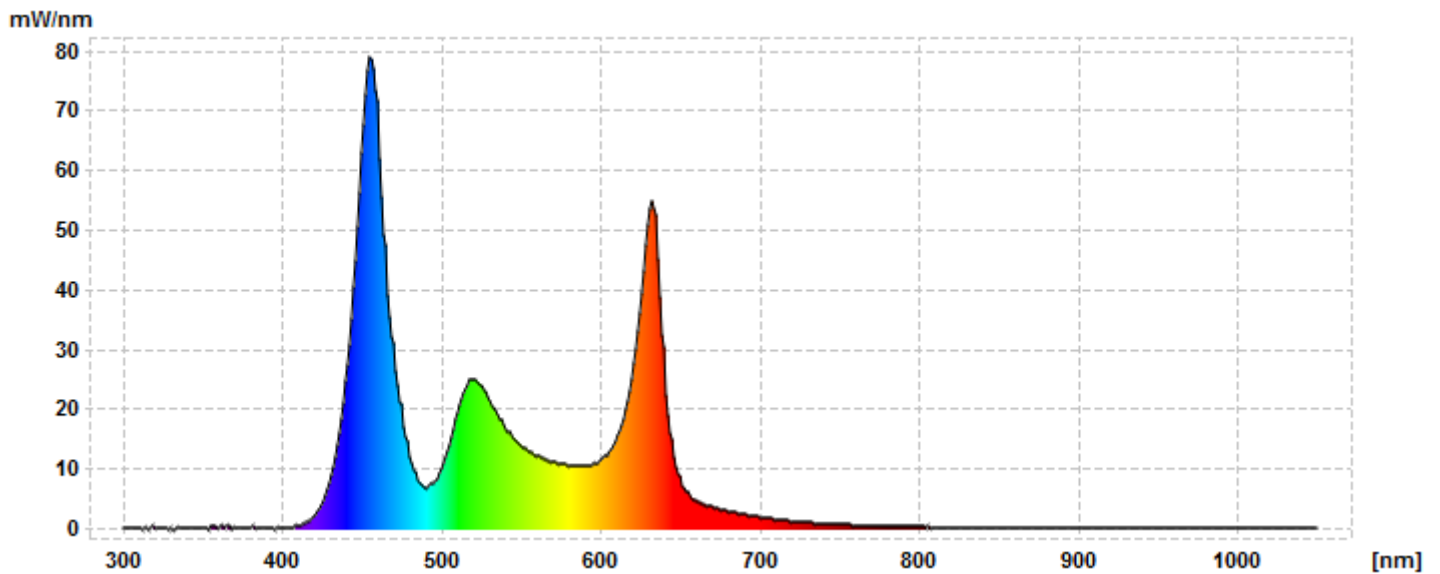
CIE 1931	
x	0.2538
y	0.1837
u'	0.2162
v'	0.3520
L	49.94
a	32.34
b	-51.40
X	883.38
Z	1957.66

CIE 1931



LED DMX Inset 20W - 100% RGBW LEDs

Spectrum



Measurement name: LED DMX Einsatz 20W - RGBW
 Measurement time: 2016-04-23 17:33:50
 Report time: 2016-04-23 18:03:52
 Signal Level: 69.399
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

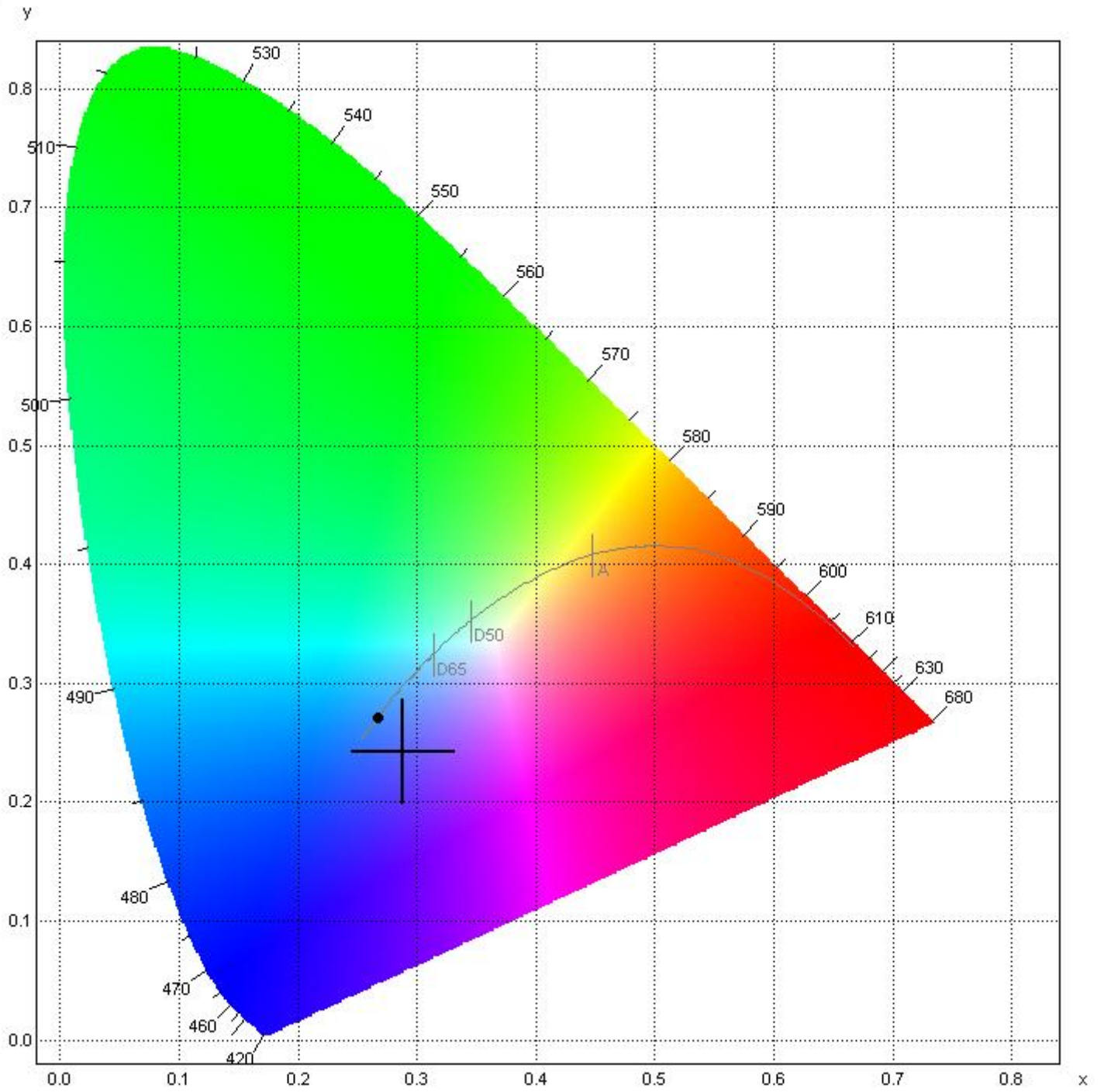
Results

Important Values	
CCT [K]	13757
Light Flux [lm]	1191.79
Delta uv	-0.0321
Ansi Bin	
Color Peak [nm]	455.21
Color Peak Value	79.38
Wavelength Domin. [nm]	419.5
Radiometric [W]	5.2087
Luminous Efficacy [lm/W]	58.9064
Power [W]	20,232
Current [A]	0,843
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.2

Rendering Indices	
Ra	52.4
R1	33.6
R2	70.0
R3	70.3
R4	40.3
R5	48.9
R6	68.8
R7	74.4
R8	12.8
R9	0.0
R10	49.0
R11	26.8
R12	60.7
R13	41.1
R14	77.2

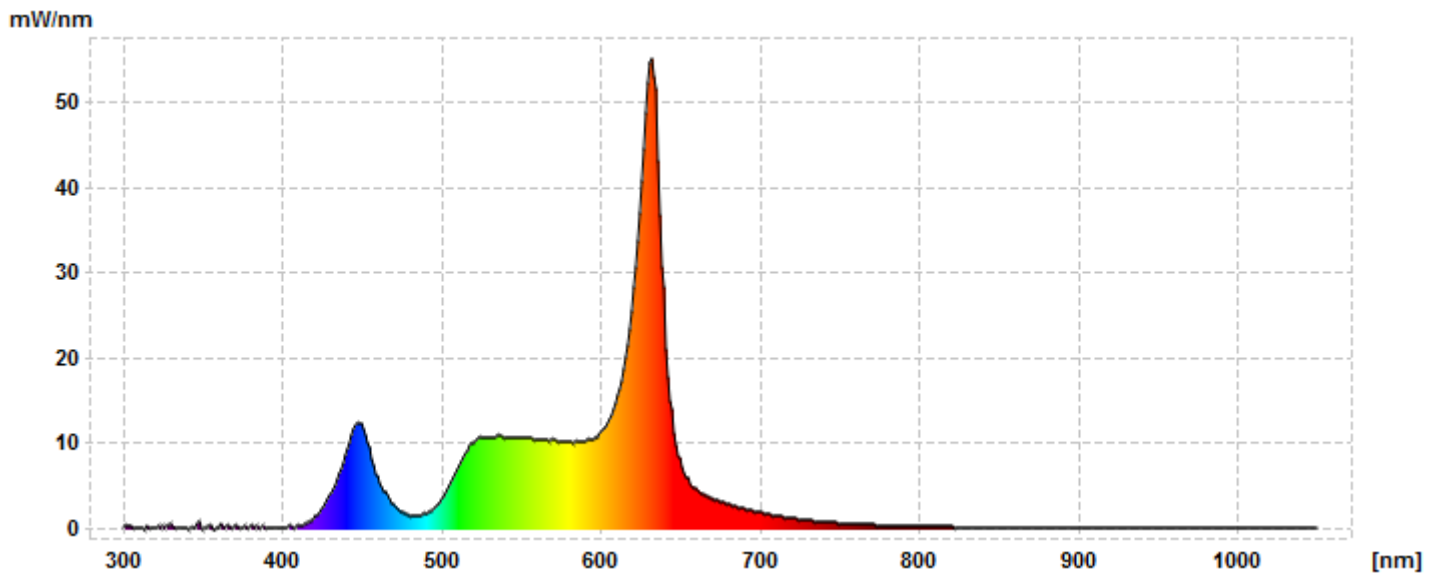
CIE 1931	
x	0.2886
y	0.2427
u'	0.2164
v'	0.4094
L	56.36
a	18.56
b	-30.60
X	1417.45
Z	2301.68

CIE 1931



LED DMX Inset 20W - 100% R - 50% G - 10% B - 100% W

Spectrum



Measurement name: LED DMX Einsatz 20W - R100 - G50 - B10 - W100 Prozent
 Measurement time: 2016-04-23 17:34:36
 Report time: 2016-04-23 18:04:21
 Signal Level: 70.282
 Device: GLX10t 1104N041
 Item No: LD-120-140
 Made by: Robert SEVER
 Note:

Results

Important Values	
CCT [K]	2456
Light Flux [lm]	842.81
Delta uv	-0.0156
Ansi Bin	
Color Peak [nm]	632.03
Color Peak Value	55.49
Wavelength Domin. [nm]	592.5
Radiometric [W]	2.8880
Luminous Efficacy [lm/W]	74.7169
Power [W]	11,28
Current [A]	0,47
Voltage [V]	24
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.2

Rendering Indices	
Ra	80.4
R1	75.8
R2	90.3
R3	83.4
R4	71.1
R5	77.2
R6	82.2
R7	90.1
R8	73.2
R9	50.9
R10	88.2
R11	62.3
R12	82.7
R13	77.9
R14	86.5

CIE 1931	
x	0.4514
y	0.3687
u'	0.2769
v'	0.5088
L	67.18
a	25.04
b	30.51
X	1032.00
Z	411.20

CIE 1931

