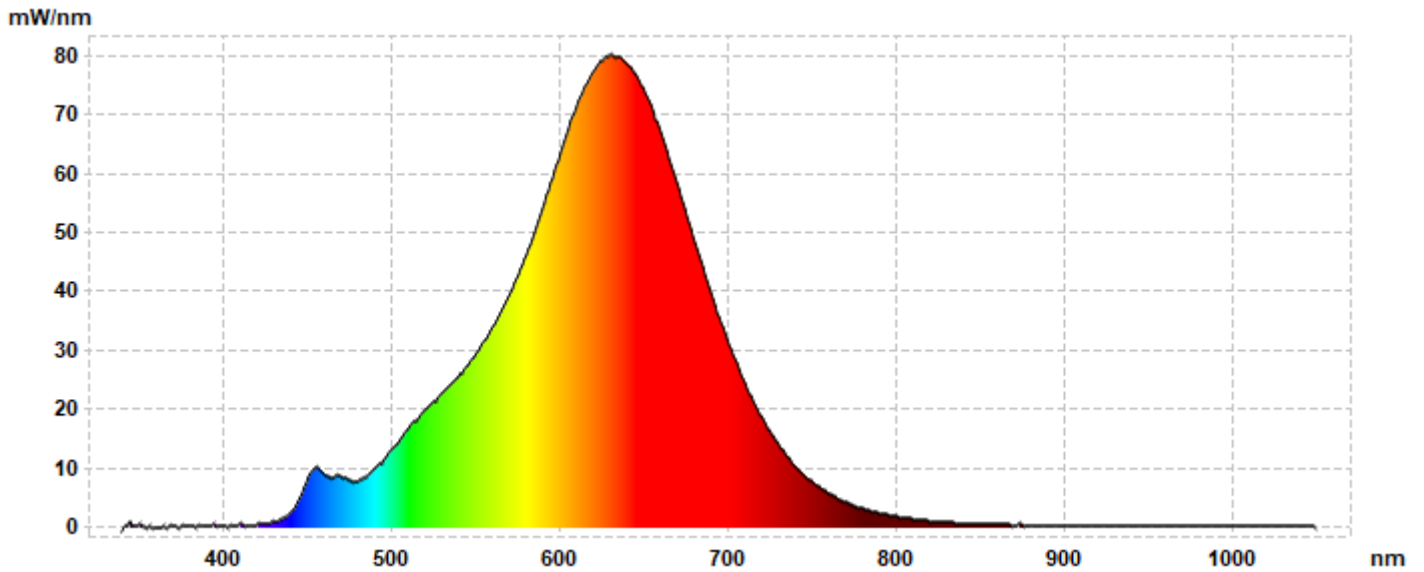


Measuring Report

Spectrum



Measurement name: FS-160-CLW Muster:100118  
 Measurement time: 2018-01-10 17:04:02  
 Report time: 2019-09-10 14:31:01  
 Signal Level: 69.475  
 Device: GLX10t 1104N041  
 Item No: FS-160-CLW  
 Made by: AUTLED GmbH  
 Note:

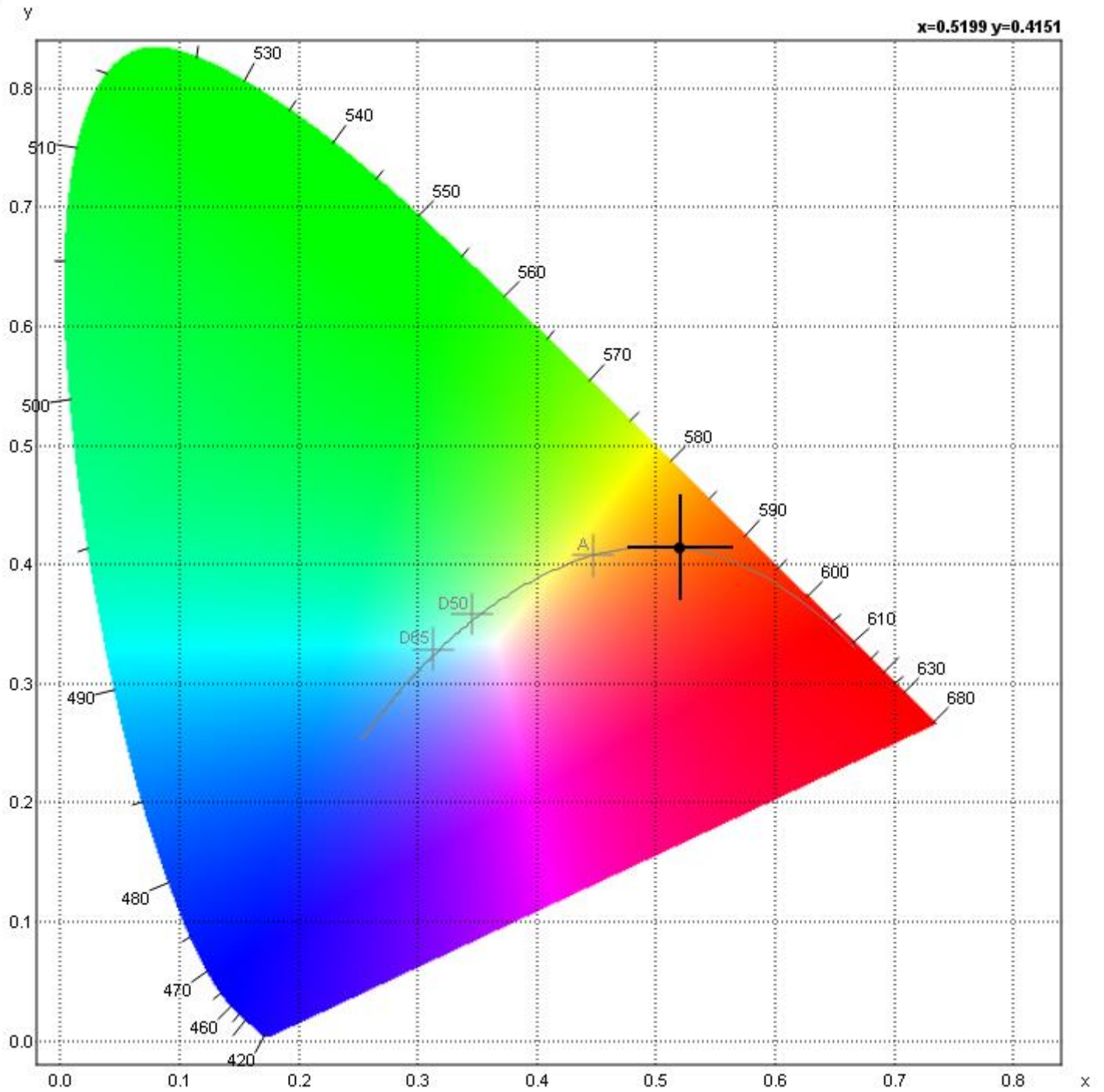
Results

Important Values	
CCT [K]	2068
Light Flux [lm]	2879,19
Delta uv	0,0003
Ansi Bin	
Color Peak [nm]	631,57
Color Peak Value	80,10
Wavelength Domin. [nm]	588,2
Radiometric [W]	11,2218
Luminous Efficacy [lm/W]	85,1985
Power [W]	33,7939
Current [A]	1.4099
Voltage [V]	23.969
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.0

Rendering Indices	
Ra	92,3
Rf	90
Rg	97
R1	92,9
R2	98,2
R3	97,4
R4	92,5
R5	93,6
R6	97,2
R7	88,6
R8	77,7
R9	56,5
R10	95,5
R11	95,5
R12	91,7
R13	94,5
R14	99,5

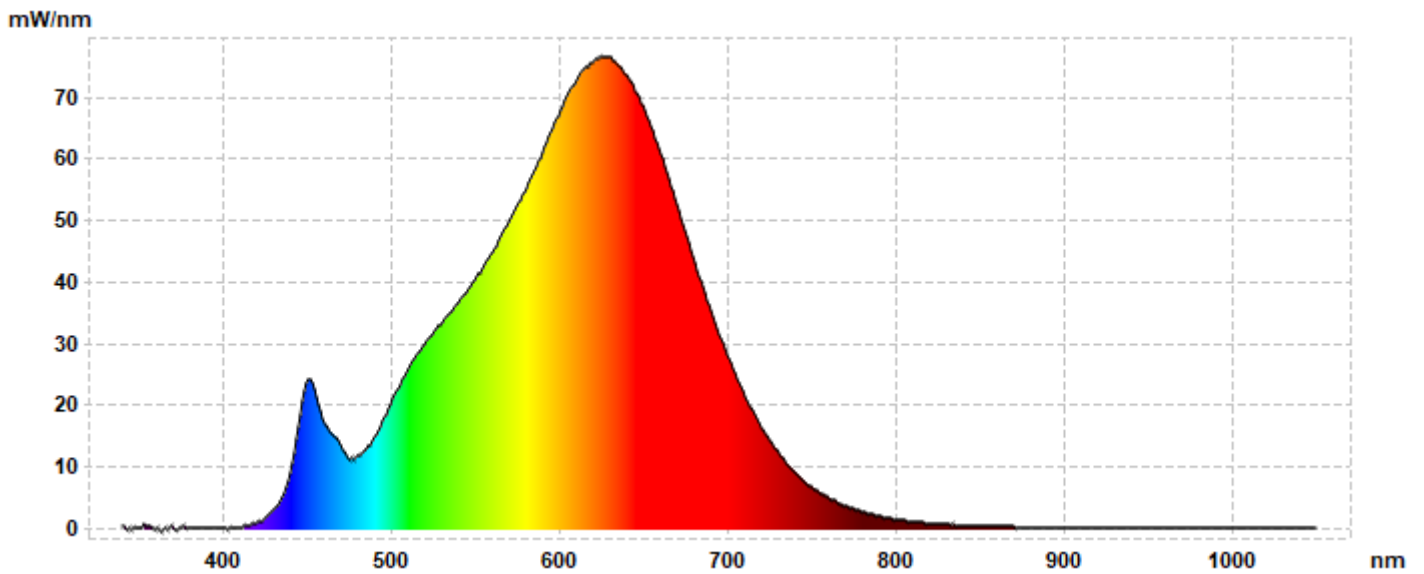
CIE 1931	
x	0,5199
y	0,4151
u'	0,2996
v'	0,5382
L	100,00
a	48,16
b	95,26
X	3480,65
Z	434,60

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-160-UWW Muster:080118  
 Measurement time: 2018-01-08 16:19:31  
 Report time: 2019-09-10 14:31:14  
 Signal Level: 69.490  
 Device: GLX10t 1104N041  
 Item No: FS-160-UWW  
 Made by: AUTLED GmbH  
 Note:

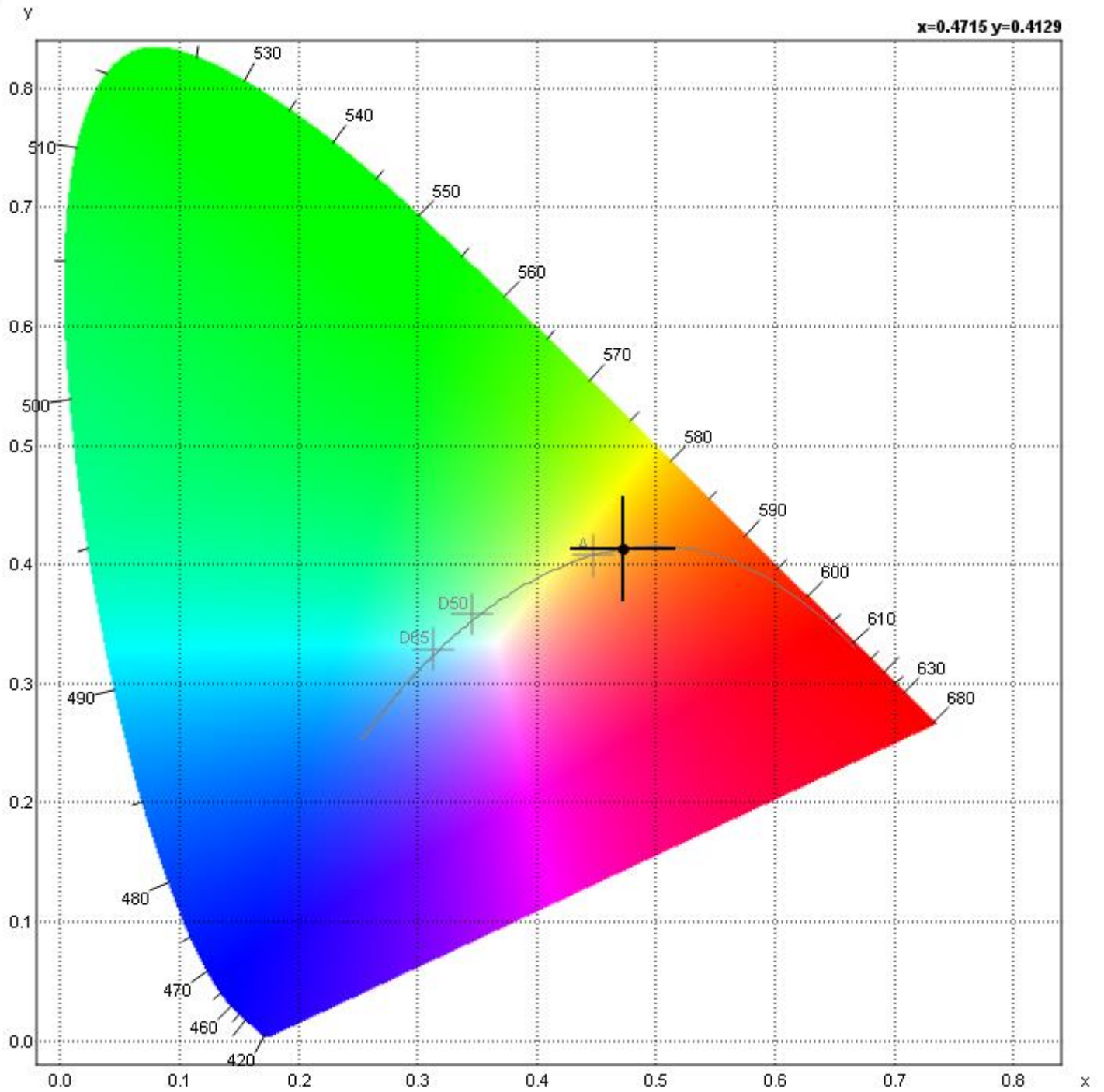
Results

Important Values	
CCT [K]	2562
Light Flux [lm]	3355,07
Delta uv	-0,0000
Ansi Bin	
Color Peak [nm]	628,35
Color Peak Value	76,80
Wavelength Domin. [nm]	584,9
Radiometric [W]	12,2351
Luminous Efficacy [lm/W]	95,8881
Power [W]	34,9894
Current [A]	1.4599
Voltage [V]	23.967
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.0

Rendering Indices	
Ra	92,4
Rf	91
Rg	100
R1	92,3
R2	96,2
R3	98,6
R4	92,3
R5	92,1
R6	96,0
R7	91,3
R8	80,4
R9	58,2
R10	90,4
R11	93,4
R12	84,4
R13	93,3
R14	98,5

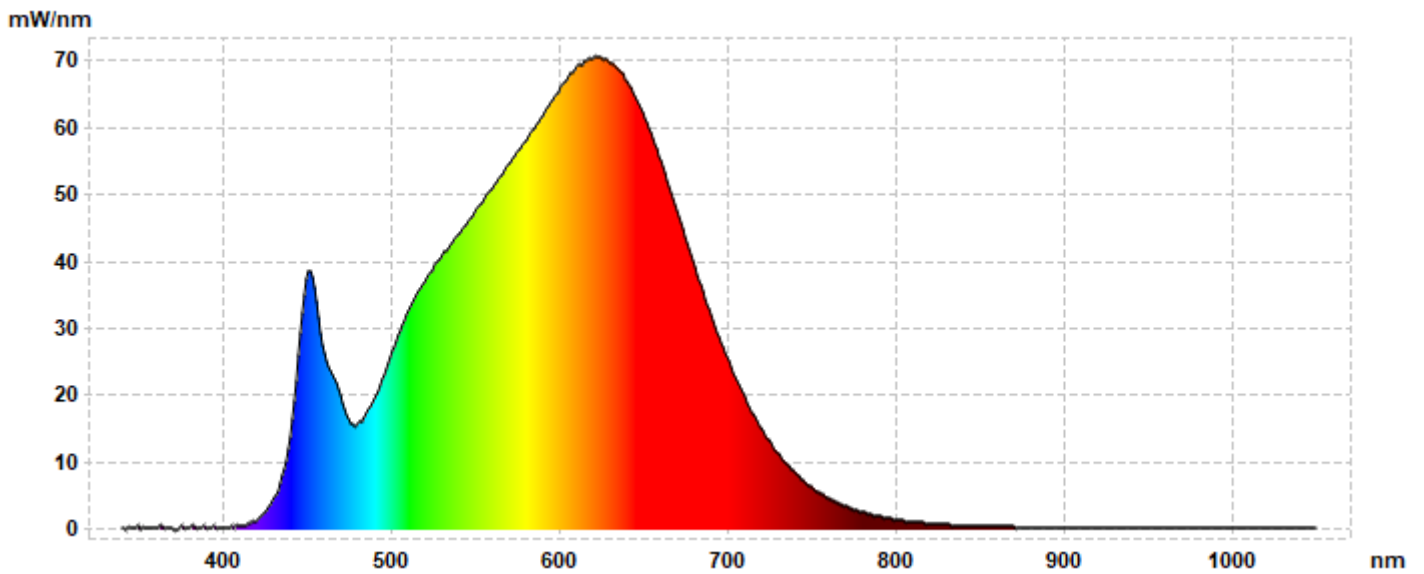
CIE 1931	
x	0,4715
y	0,4129
u'	0,2690
v'	0,5300
L	100,00
a	31,55
b	72,82
X	3831,47
Z	939,41

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-160-WW Muster:080118  
 Measurement time: 2018-01-08 16:45:17  
 Report time: 2019-09-10 14:31:36  
 Signal Level: 69.308  
 Device: GLX10t 1104N041  
 Item No: FS-160-WW  
 Made by: AUTLED GmbH  
 Note:

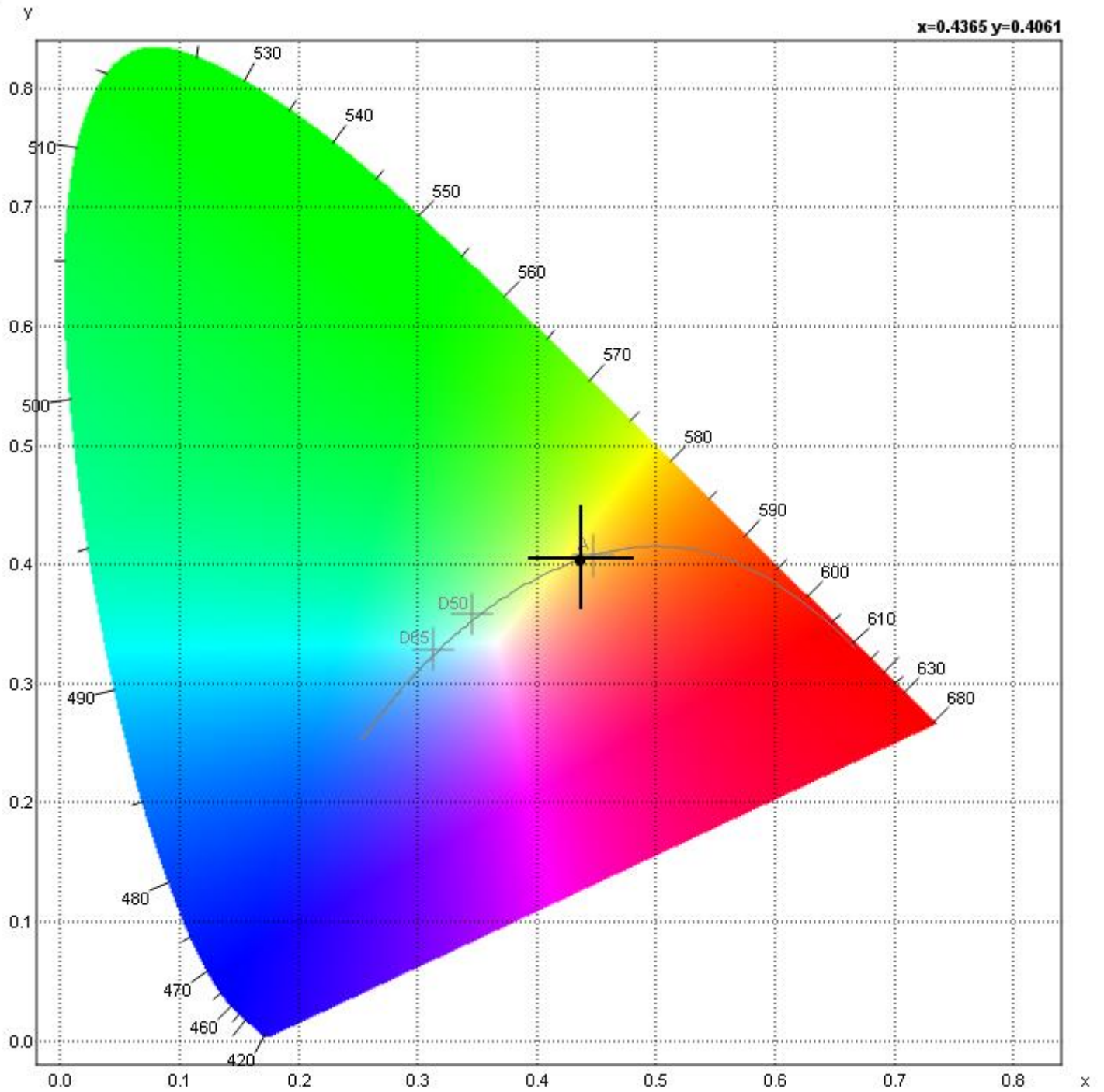
Results

Important Values	
CCT [K]	3023
Light Flux [lm]	3615,58
Delta uv	0,0008
Ansi Bin	7C1
Color Peak [nm]	623,74
Color Peak Value	70,92
Wavelength Domin. [nm]	582,4
Radiometric [W]	12,6500
Luminous Efficacy [lm/W]	103,0508
Power [W]	35,0854
Current [A]	1.4636
Voltage [V]	23.972
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	92,0
Rf	90
Rg	99
R1	91,8
R2	94,9
R3	96,6
R4	92,0
R5	91,0
R6	93,1
R7	93,3
R8	83,1
R9	60,5
R10	87,0
R11	92,0
R12	76,5
R13	92,5
R14	97,4

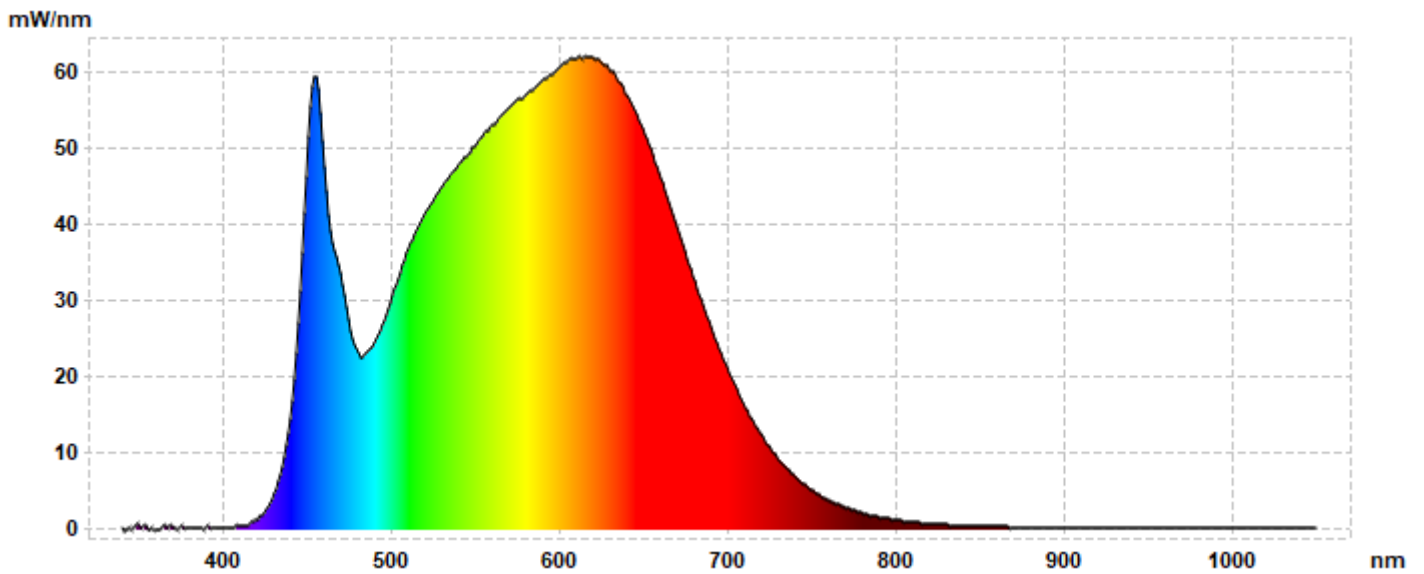
CIE 1931	
x	0,4365
y	0,4061
u'	0,2494
v'	0,5221
L	100,00
a	20,93
b	58,24
X	3886,42
Z	1401,93

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-160-HW Muster:080118  
 Measurement time: 2018-01-08 16:47:58  
 Report time: 2019-09-10 14:31:53  
 Signal Level: 69.715  
 Device: GLX10t 1104N041  
 Item No: FS-160-HW  
 Made by: AUTLED GmbH  
 Note:

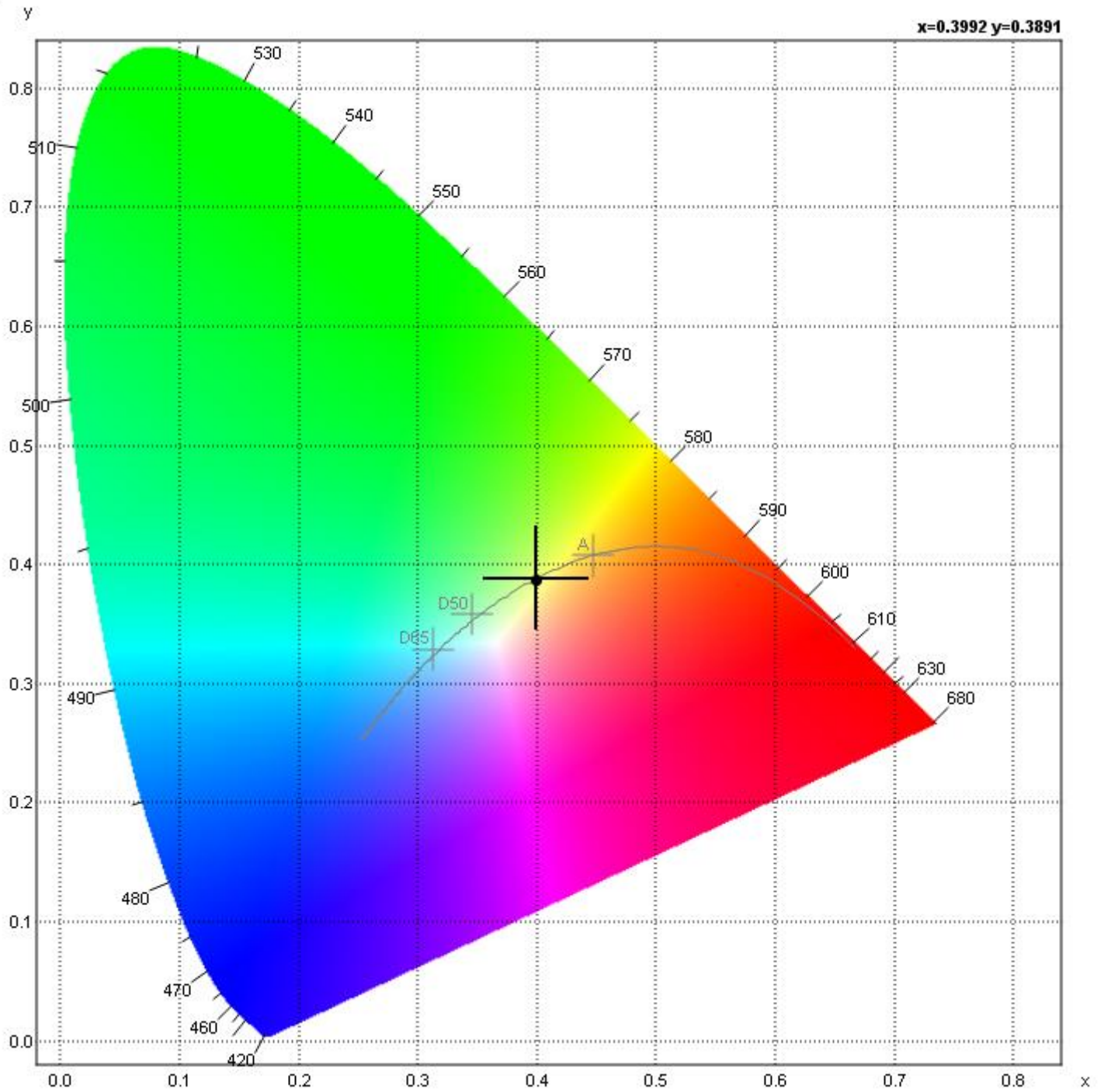
Results

Important Values	
CCT [K]	3624
Light Flux [lm]	3649,59
Delta uv	0,0006
Ansi Bin	6B1
Color Peak [nm]	617,73
Color Peak Value	62,07
Wavelength Domin. [nm]	580,1
Radiometric [W]	12,4991
Luminous Efficacy [lm/W]	107,1374
Power [W]	34,0646
Current [A]	1.4206
Voltage [V]	23.979
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	91,9
Rf	88
Rg	97
R1	91,9
R2	95,8
R3	97,3
R4	90,1
R5	90,5
R6	92,7
R7	93,0
R8	83,9
R9	62,0
R10	88,3
R11	89,5
R12	69,4
R13	93,1
R14	98,2

CIE 1931	
x	0,3992
y	0,3891
u'	0,2324
v'	0,5097
L	100,00
a	12,91
b	41,31
X	3744,60
Z	1985,06

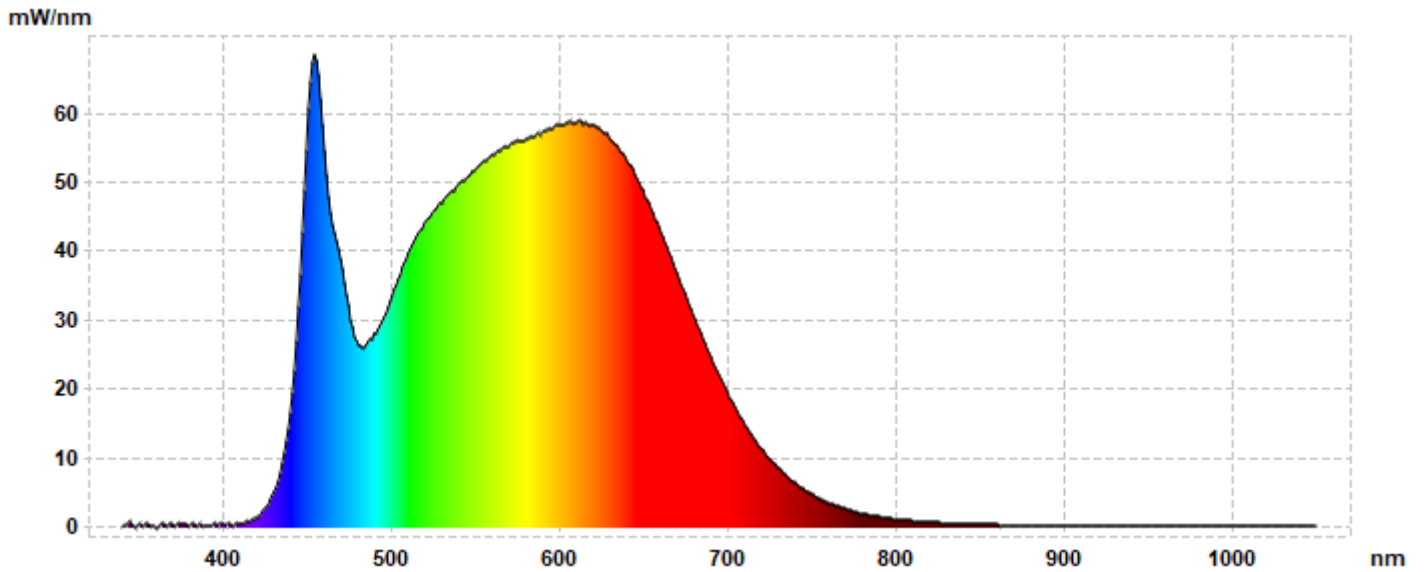
CIE 1931





Measuring Report

Spectrum



Measurement name: FS-160-NW Muster:040118  
 Measurement time: 2018-01-05 09:09:28  
 Report time: 2019-09-10 14:32:09  
 Signal Level: 69.818  
 Device: GLX10t 1104N041  
 Item No: FS-160-NW  
 Made by: AUTLED GmbH  
 Note:

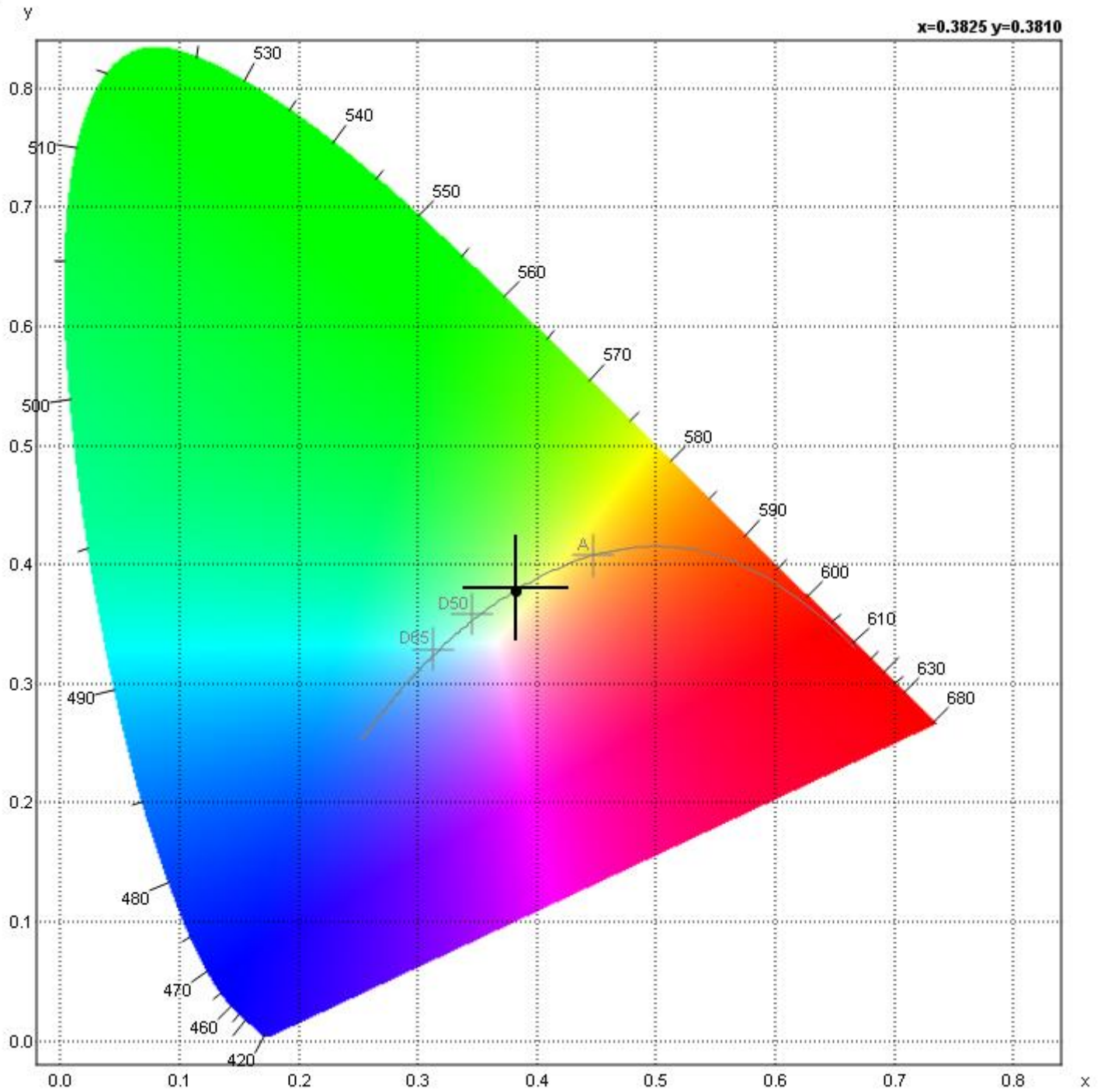
Results

Important Values	
CCT [K]	3977
Light Flux [lm]	3679,18
Delta uv	0,0014
Ansi Bin	5B4
Color Peak [nm]	454,71
Color Peak Value	68,68
Wavelength Domin. [nm]	578,4
Radiometric [W]	12,5663
Luminous Efficacy [lm/W]	110,8498
Power [W]	33,1907
Current [A]	1.3856
Voltage [V]	23.954
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	18.8

Rendering Indices	
Ra	91,9
Rf	87
Rg	96
R1	91,9
R2	96,0
R3	97,4
R4	89,5
R5	90,2
R6	92,5
R7	93,0
R8	84,5
R9	62,8
R10	88,7
R11	89,1
R12	67,1
R13	93,3
R14	98,4

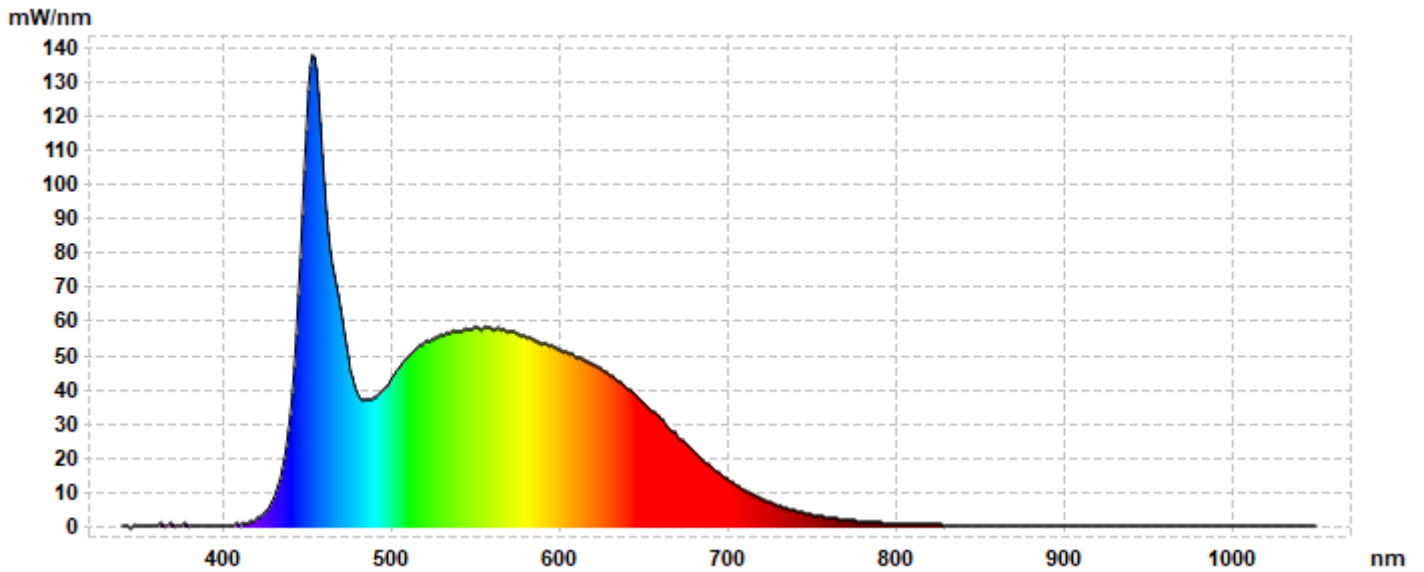
CIE 1931	
x	0,3825
y	0,3810
u'	0,2247
v'	0,5037
L	100,00
a	9,19
b	34,16
X	3693,34
Z	2283,97

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-160-CW Muster:080118  
 Measurement time: 2018-01-08 16:49:44  
 Report time: 2019-09-10 14:32:30  
 Signal Level: 68.913  
 Device: GLX10t 1104N041  
 Item No: FS-160-CW  
 Made by: AUTLED GmbH  
 Note:

Results

Important Values	
CCT [K]	6199
Light Flux [lm]	3876,05
Delta uv	0,0003
Ansi Bin	1D
Color Peak [nm]	453,23
Color Peak Value	138,65
Wavelength Domin. [nm]	487,9
Radiometric [W]	13,6335
Luminous Efficacy [lm/W]	113,2657
Power [W]	34,2209
Current [A]	1.4273
Voltage [V]	23.976
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	91,3
Rf	85
Rg	96
R1	92,0
R2	96,2
R3	95,1
R4	88,8
R5	89,7
R6	89,7
R7	92,7
R8	85,9
R9	63,7
R10	88,2
R11	88,8
R12	62,0
R13	94,4
R14	97,7

CIE 1931	
x	0,3185
y	0,3290
u'	0,2019
v'	0,4692
L	100,00
a	3,08
b	1,06
X	3752,58
Z	4153,32

CIE 1931

