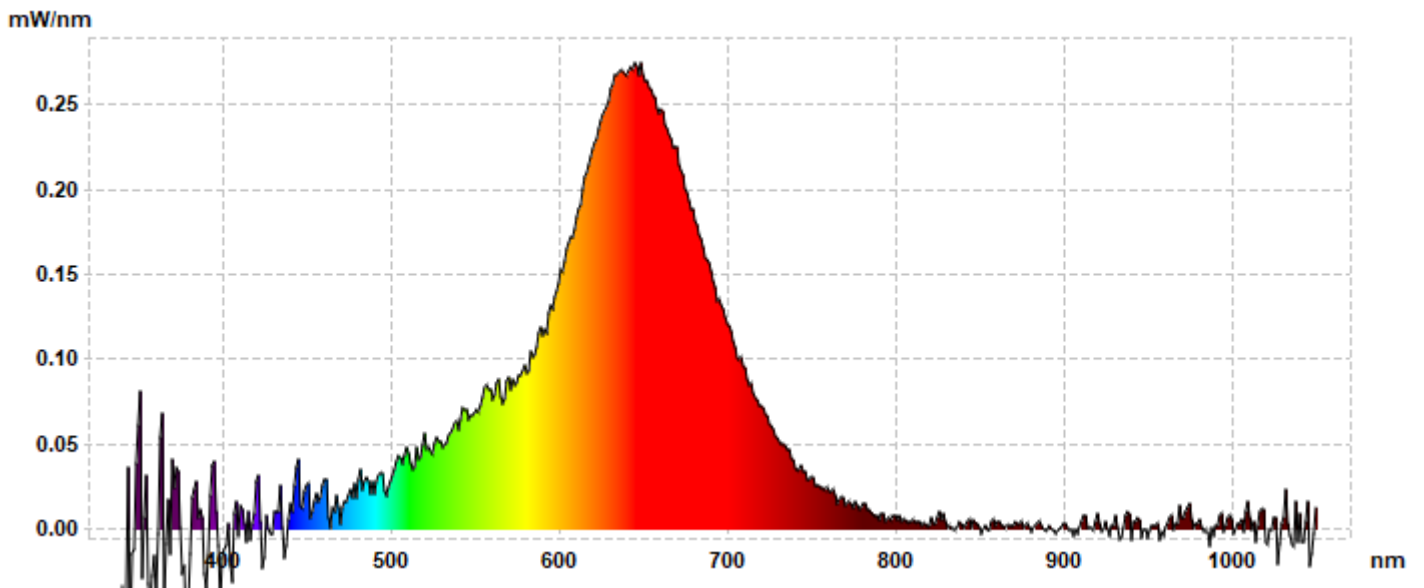


Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 1%
 Measurement time: 2019-07-16 09:41:19
 Report time: 2019-09-10 15:04:40
 Signal Level: 5.179
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @1%
 Made by: AUTLED GmbH
 Note:

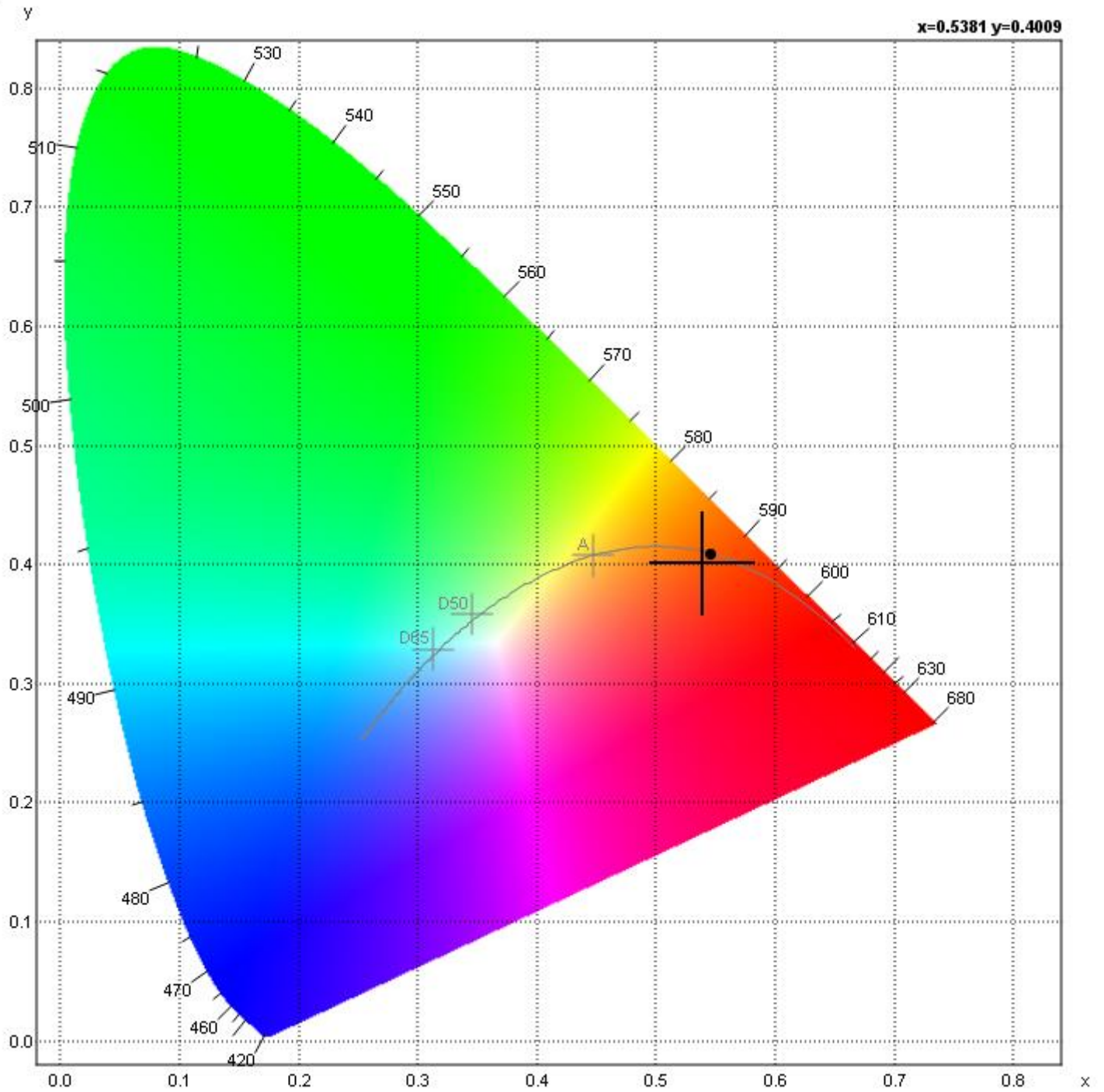
Results

Important Values	
CCT [K]	1835
Light Flux [lm]	6,89
Delta uv	-0,0029
Ansi Bin	
Color Peak [nm]	645,78
Color Peak Value	0,28
Wavelength Domin. [nm]	591,5
Radiometric [W]	0,0337
Luminous Efficacy [lm/W]	5,1102
Power [W]	1.34869
Current [A]	0.030563
Voltage [V]	230.018
Frequency [Hz]	50
Power Factor	0.19
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	92,2
Rf	90
Rg	107
R1	91,0
R2	92,8
R3	98,3
R4	88,8
R5	88,2
R6	84,1
R7	95,7
R8	98,7
R9	97,3
R10	87,3
R11	79,6
R12	69,4
R13	89,7
R14	96,9

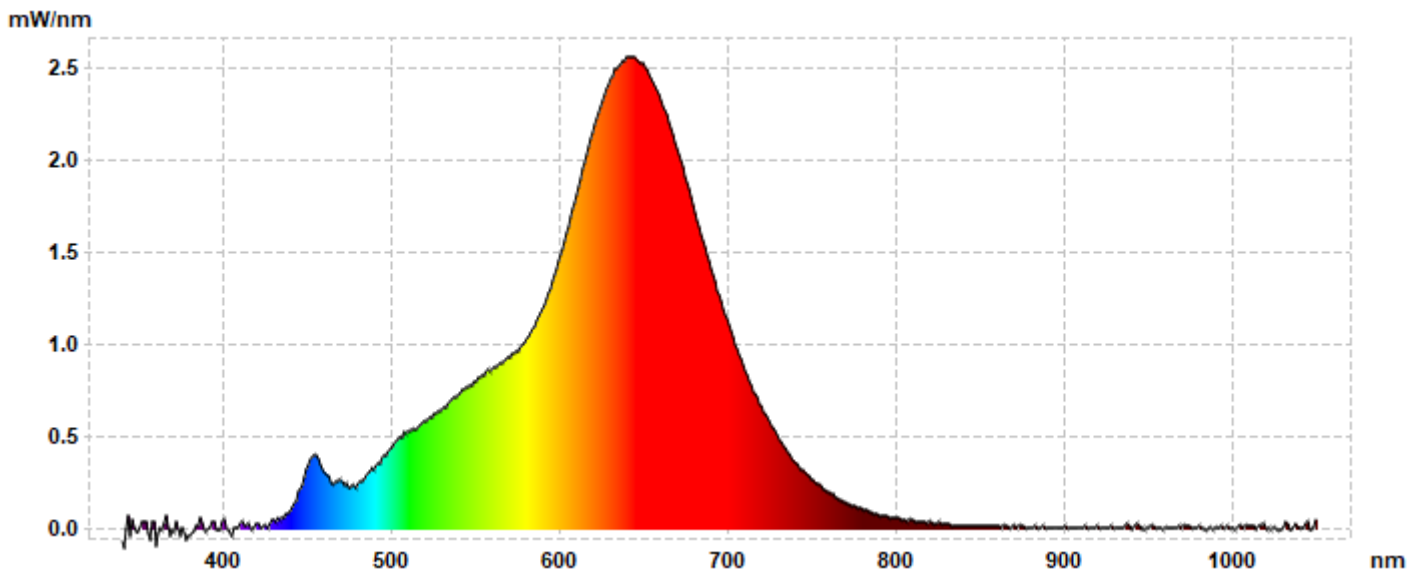
CIE 1931	
x	0,5381
y	0,4009
u'	0,3196
v'	0,5358
L	100,00
a	60,97
b	96,22
X	9,25
Z	1,05

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 10%
 Measurement time: 2019-07-16 09:40:00
 Report time: 2019-09-10 15:04:11
 Signal Level: 47.976
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @10%
 Made by: AUTLED GmbH
 Note:

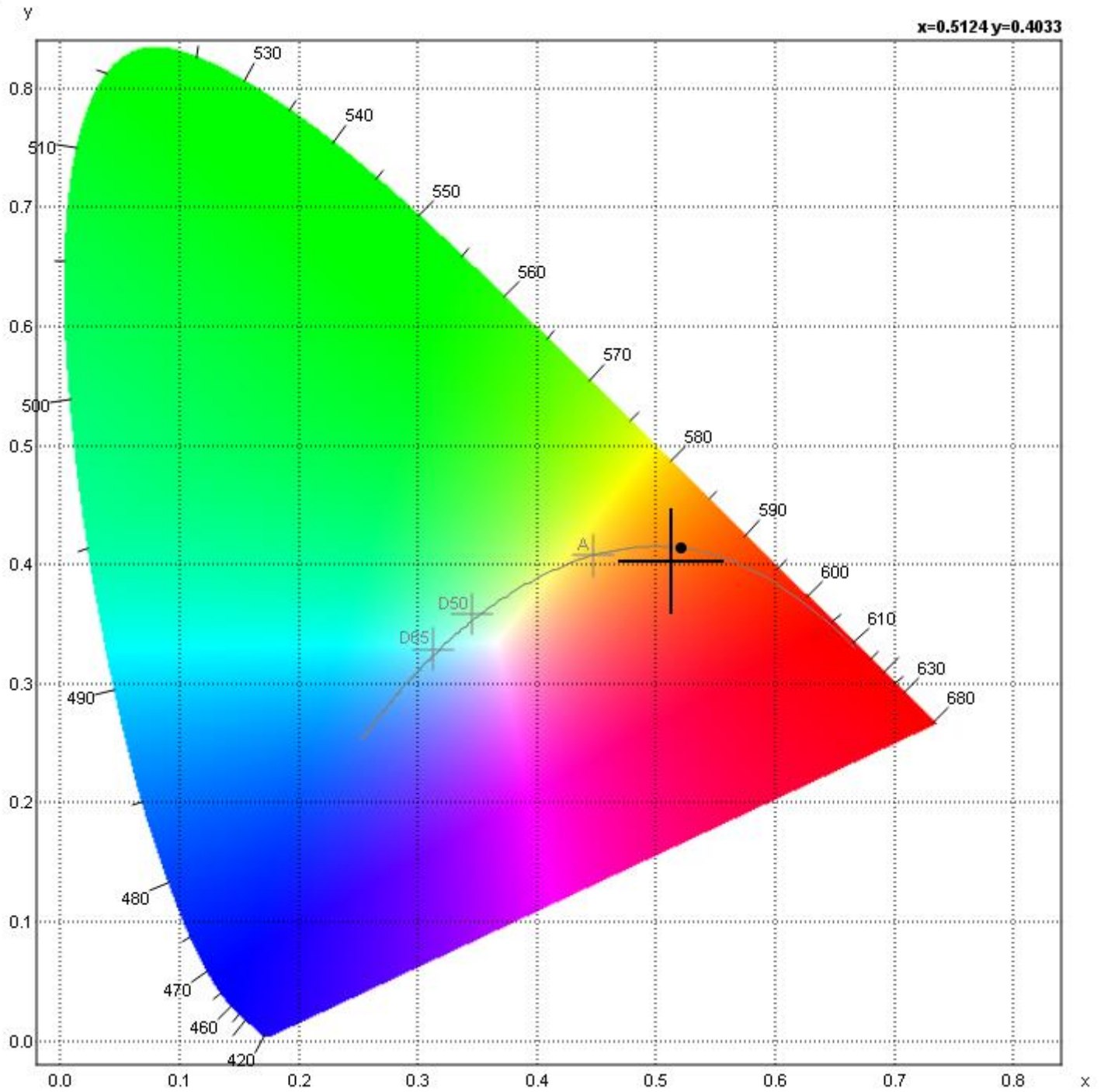
Results

Important Values	
CCT [K]	2060
Light Flux [lm]	73,41
Delta uv	-0,0036
Ansi Bin	
Color Peak [nm]	645,78
Color Peak Value	2,57
Wavelength Domin. [nm]	589,6
Radiometric [W]	0,3406
Luminous Efficacy [lm/W]	29,4087
Power [W]	2.49614
Current [A]	0.032867
Voltage [V]	230.018
Frequency [Hz]	50
Power Factor	0.33
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	91,6
Rf	91
Rg	106
R1	89,4
R2	92,5
R3	98,2
R4	87,6
R5	87,1
R6	84,9
R7	98,1
R8	95,1
R9	89,7
R10	86,1
R11	79,4
R12	73,1
R13	88,7
R14	97,2

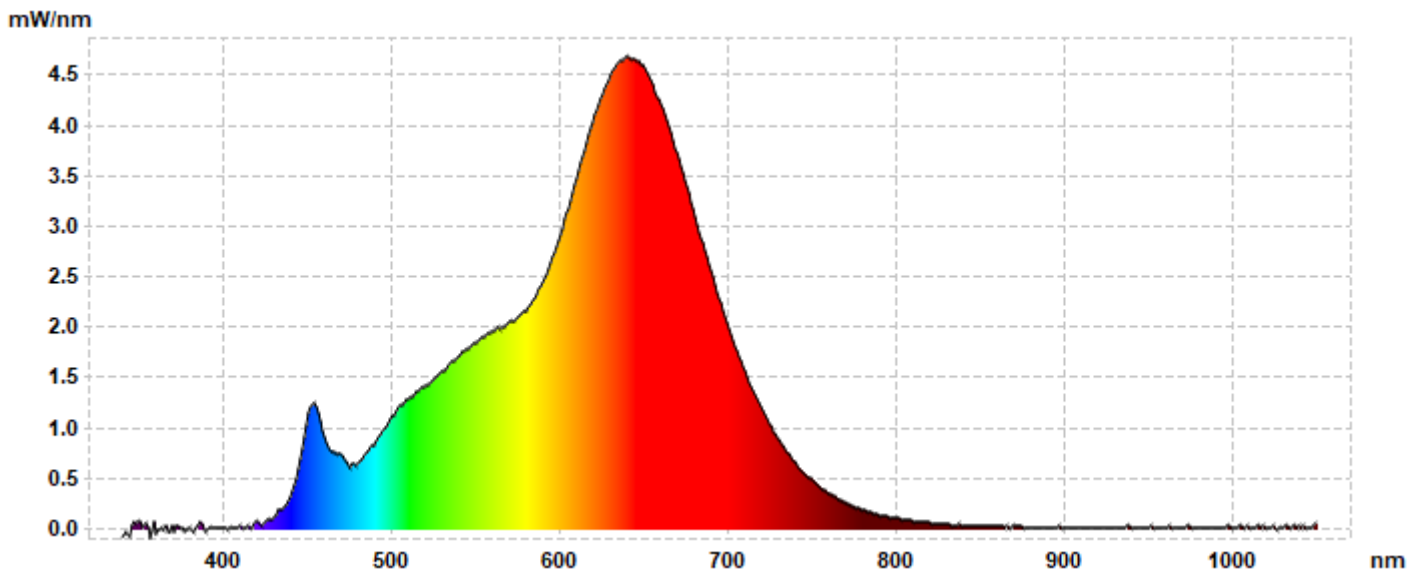
CIE 1931	
x	0,5124
y	0,4033
u'	0,3008
v'	0,5326
L	100,00
a	50,82
b	84,61
X	93,28
Z	15,35

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 20%
 Measurement time: 2019-07-16 09:39:35
 Report time: 2019-09-10 15:03:54
 Signal Level: 69.274
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @20%
 Made by: AUTLED GmbH
 Note:

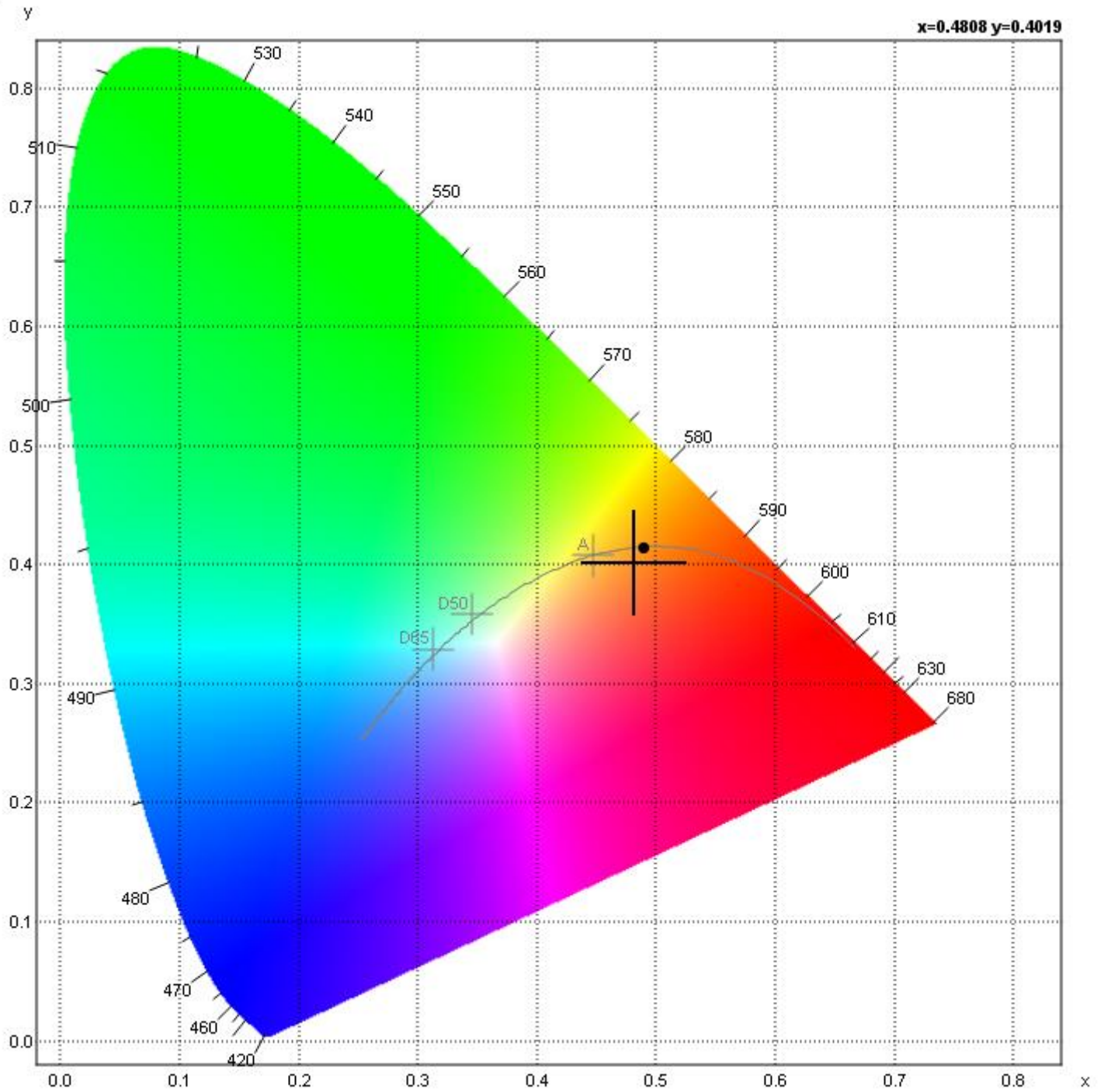
Results

Important Values	
CCT [K]	2371
Light Flux [lm]	155,16
Delta uv	-0,0043
Ansi Bin	
Color Peak [nm]	640,75
Color Peak Value	4,69
Wavelength Domin. [nm]	587,5
Radiometric [W]	0,6753
Luminous Efficacy [lm/W]	41,5798
Power [W]	3.73169
Current [A]	0.037445
Voltage [V]	230.018
Frequency [Hz]	50
Power Factor	0.436
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	91,9
Rf	93
Rg	106
R1	89,3
R2	93,2
R3	97,7
R4	88,6
R5	88,3
R6	87,8
R7	98,8
R8	91,8
R9	82,7
R10	87,5
R11	82,6
R12	79,7
R13	89,2
R14	97,1

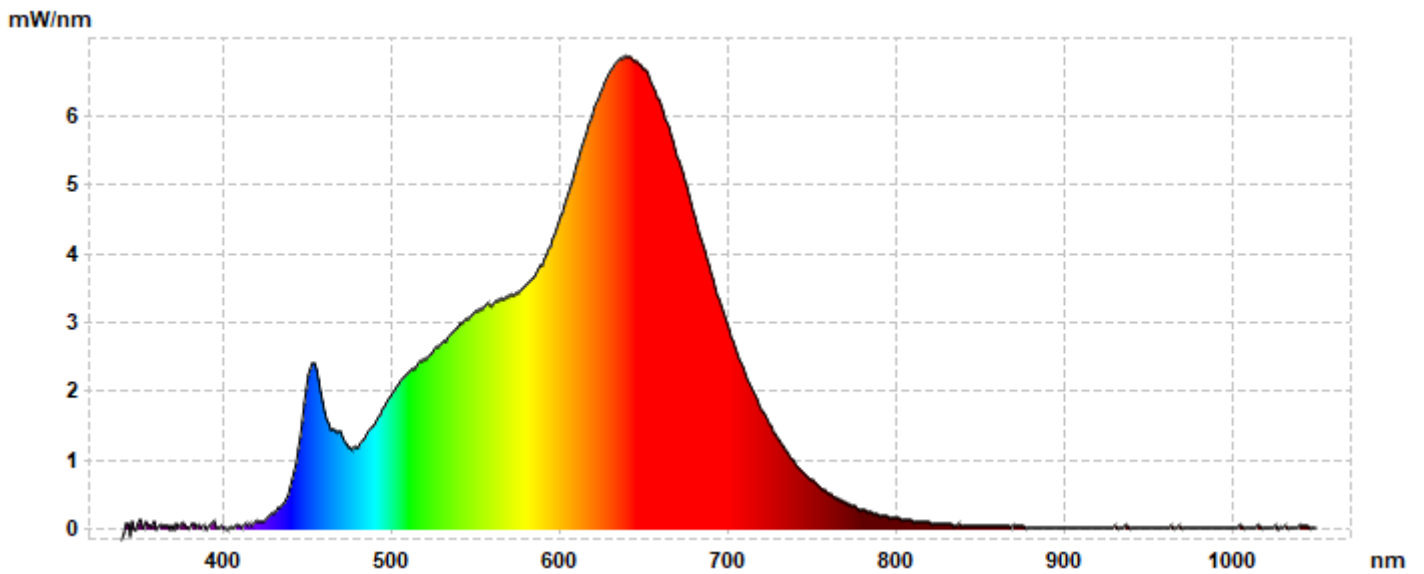
CIE 1931	
x	0,4808
y	0,4019
u'	0,2803
v'	0,5272
L	100,00
a	39,86
b	71,01
X	185,63
Z	45,33

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 30%
 Measurement time: 2019-07-16 09:38:46
 Report time: 2019-09-10 15:02:16
 Signal Level: 68.588
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @30%
 Made by: AUTLED GmbH
 Note:

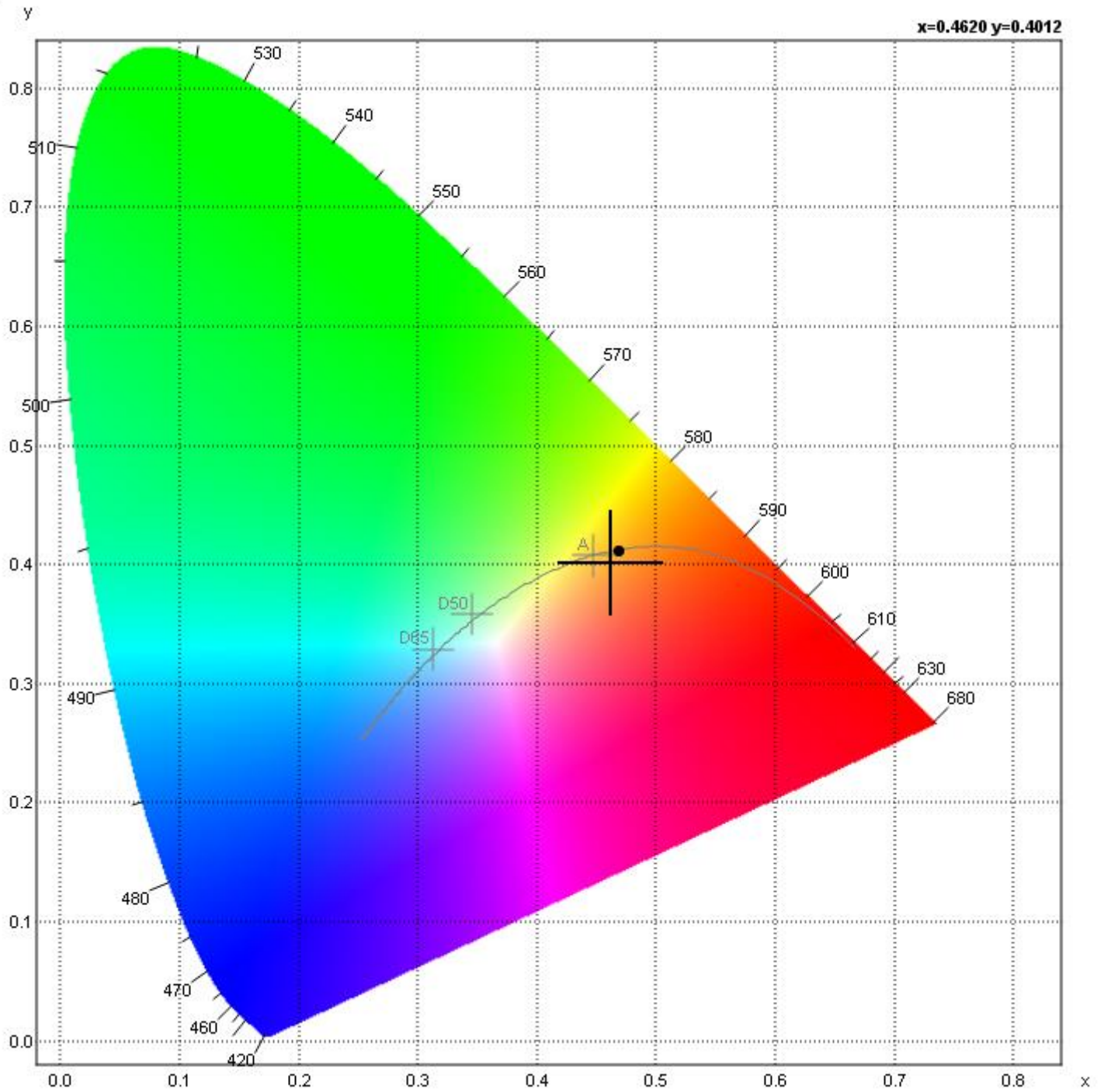
Results

Important Values	
CCT [K]	2596
Light Flux [lm]	251,90
Delta uv	-0,0037
Ansi Bin	8D4
Color Peak [nm]	639,83
Color Peak Value	6,87
Wavelength Domin. [nm]	586,0
Radiometric [W]	1,0551
Luminous Efficacy [lm/W]	49,9937
Power [W]	5.03854
Current [A]	0.040268
Voltage [V]	230.007
Frequency [Hz]	50
Power Factor	0.543
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	92,9
Rf	94
Rg	104
R1	90,5
R2	94,4
R3	97,2
R4	90,4
R5	90,3
R6	90,5
R7	98,5
R8	91,3
R9	81,6
R10	90,0
R11	85,7
R12	84,3
R13	90,6
R14	96,9

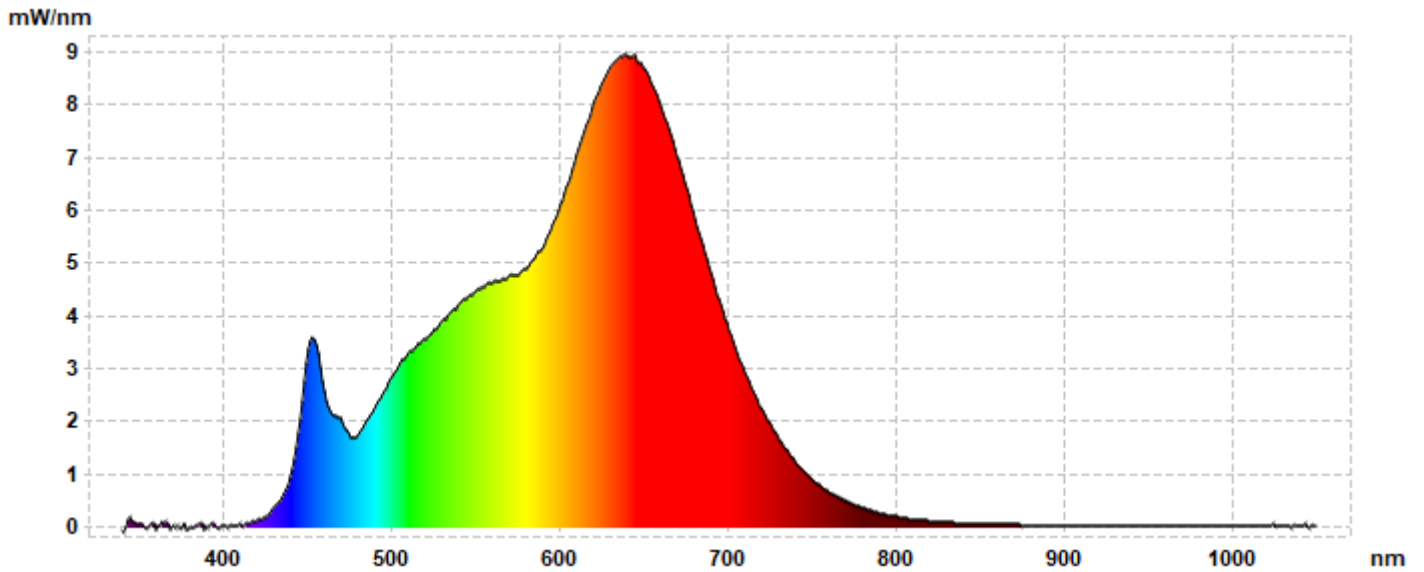
CIE 1931	
x	0,4620
y	0,4012
u'	0,2682
v'	0,5240
L	100,00
a	33,04
b	64,19
X	290,09
Z	85,88

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 40%
 Measurement time: 2019-07-16 09:38:16
 Report time: 2019-09-10 15:01:35
 Signal Level: 69.442
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @40%
 Made by: AUTLED GmbH
 Note:

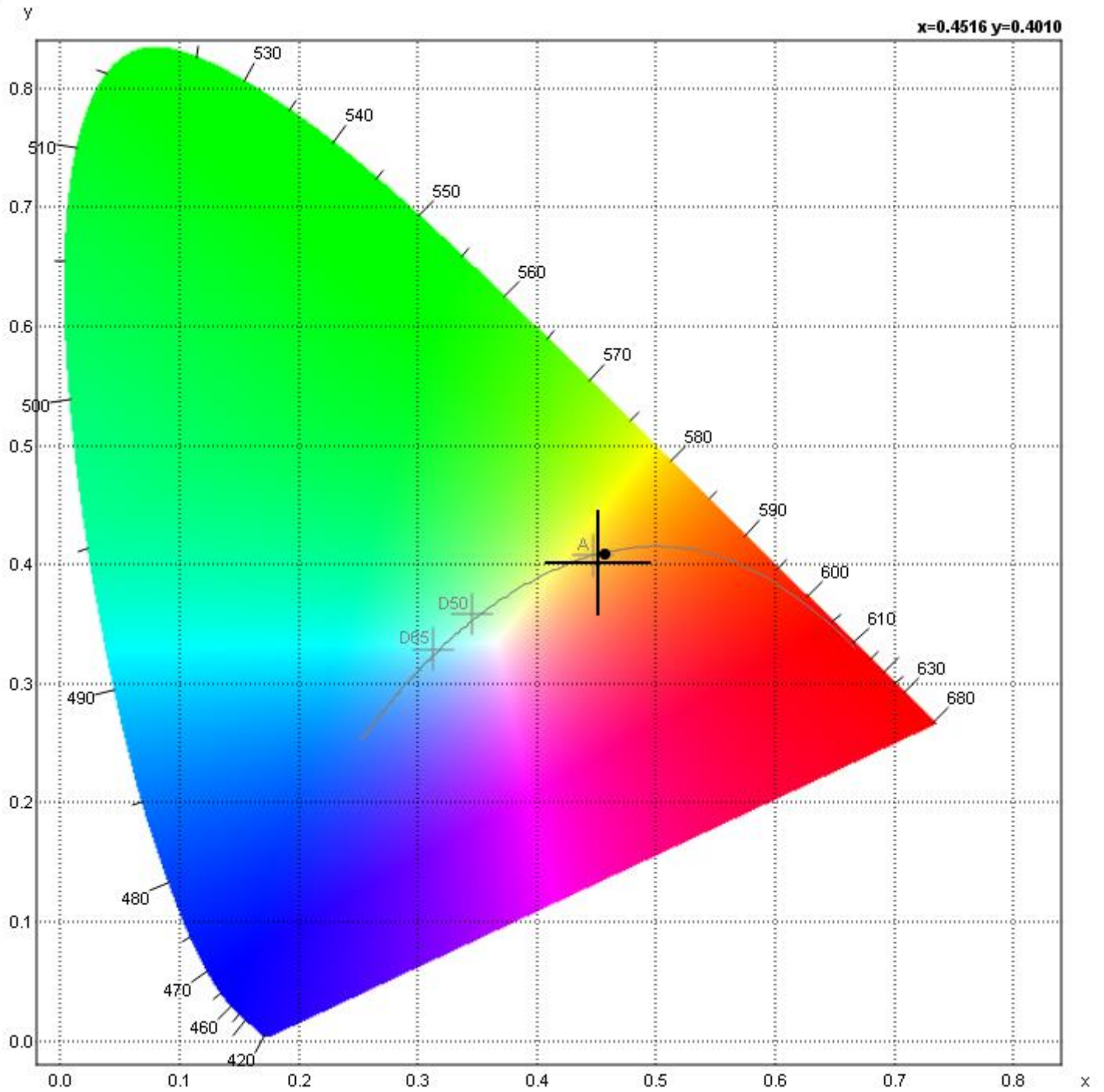
Results

Important Values	
CCT [K]	2742
Light Flux [lm]	348,91
Delta uv	-0,0029
Ansi Bin	8A3
Color Peak [nm]	640,75
Color Peak Value	8,97
Wavelength Domin. [nm]	585,0
Radiometric [W]	1,4220
Luminous Efficacy [lm/W]	56,3507
Power [W]	6.19167
Current [A]	0.04631
Voltage [V]	230.018
Frequency [Hz]	50
Power Factor	0.581
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	93,7
Rf	94
Rg	103
R1	91,7
R2	95,5
R3	96,6
R4	91,7
R5	91,9
R6	92,5
R7	98,3
R8	91,8
R9	82,7
R10	92,4
R11	87,8
R12	86,5
R13	92,0
R14	96,7

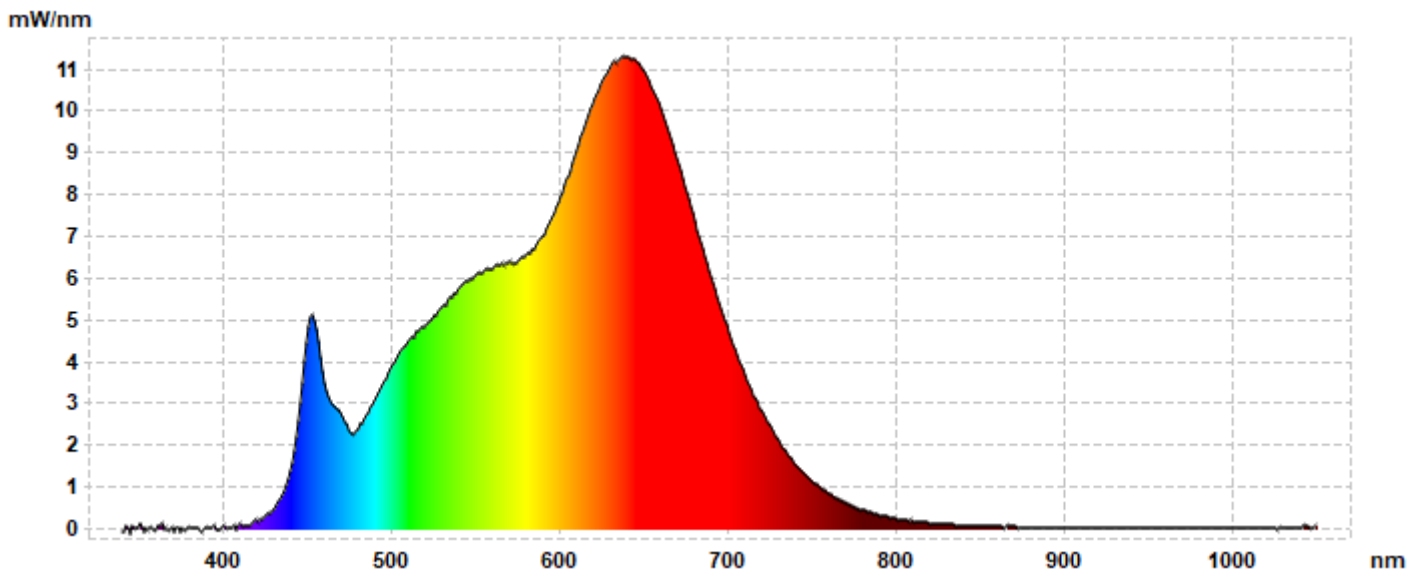
CIE 1931	
x	0,4516
y	0,4010
u'	0,2615
v'	0,5224
L	100,00
a	29,09
b	60,74
X	392,93
Z	128,25

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 50%
 Measurement time: 2019-07-16 09:37:56
 Report time: 2019-09-10 15:01:09
 Signal Level: 68.146
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @50%
 Made by: AUTLED GmbH
 Note:

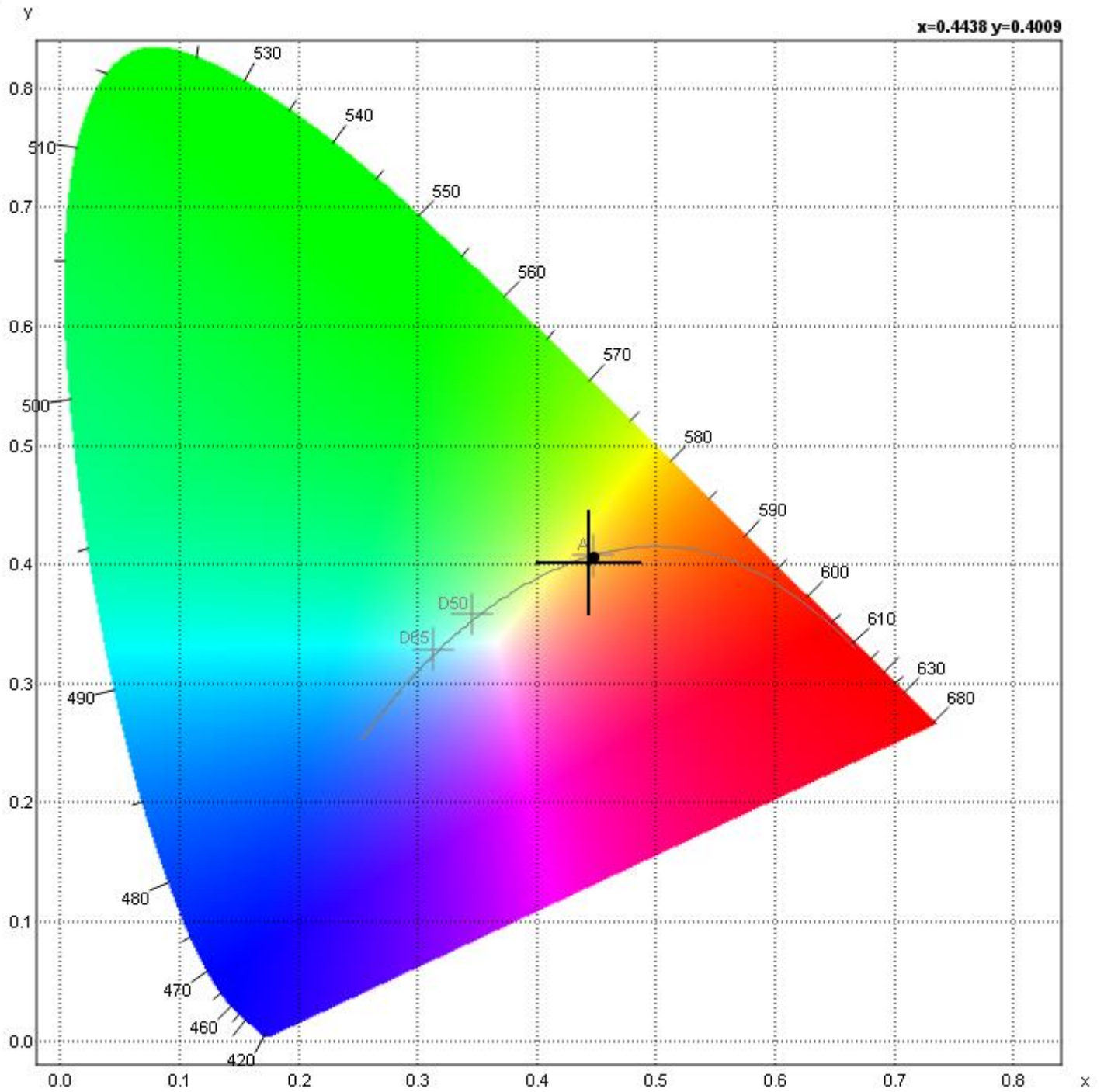
Results

Important Values	
CCT [K]	2862
Light Flux [lm]	464,28
Delta uv	-0,0021
Ansi Bin	8A2
Color Peak [nm]	641,20
Color Peak Value	11,32
Wavelength Domin. [nm]	584,2
Radiometric [W]	1,8547
Luminous Efficacy [lm/W]	61,3885
Power [W]	7.56299
Current [A]	0.047699
Voltage [V]	229.996
Frequency [Hz]	50
Power Factor	0.689
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	94,6
Rf	94
Rg	103
R1	92,9
R2	96,6
R3	96,0
R4	93,0
R5	93,6
R6	94,4
R7	98,1
R8	92,5
R9	84,5
R10	94,9
R11	89,7
R12	87,4
R13	93,4
R14	96,5

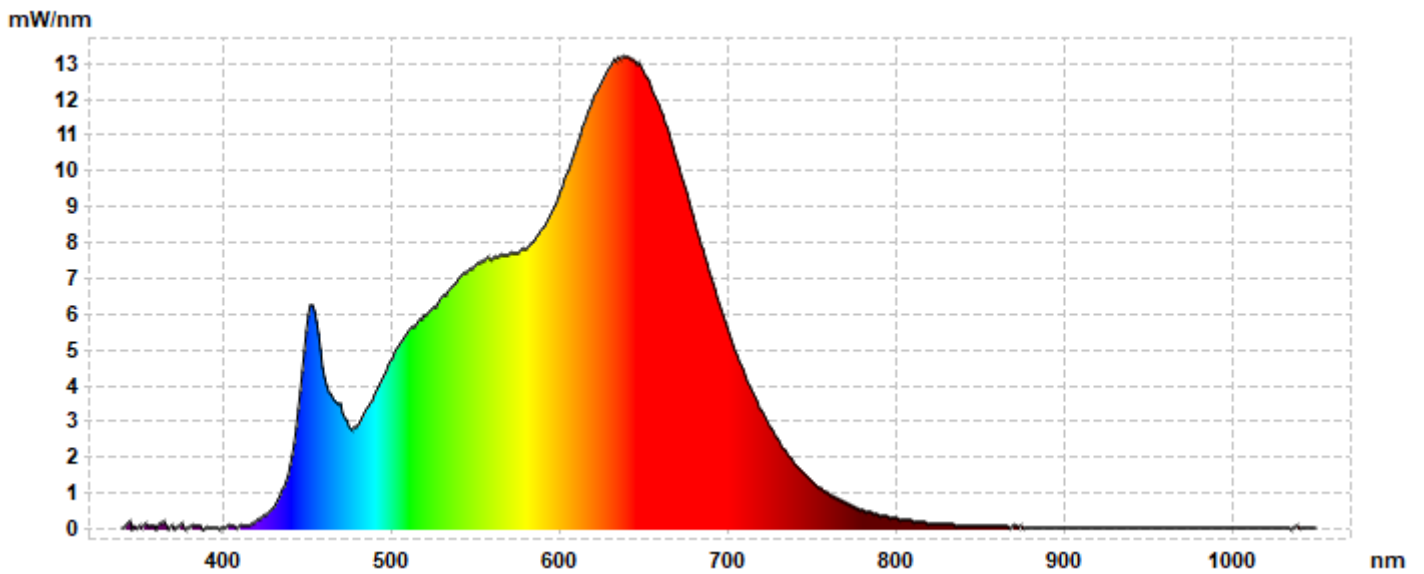
CIE 1931	
x	0,4438
y	0,4009
u'	0,2564
v'	0,5212
L	100,00
a	26,03
b	58,28
X	513,86
Z	179,85

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 60%
 Measurement time: 2019-07-16 09:37:37
 Report time: 2019-09-10 15:00:52
 Signal Level: 69.360
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @60%
 Made by: AUTLED GmbH
 Note:

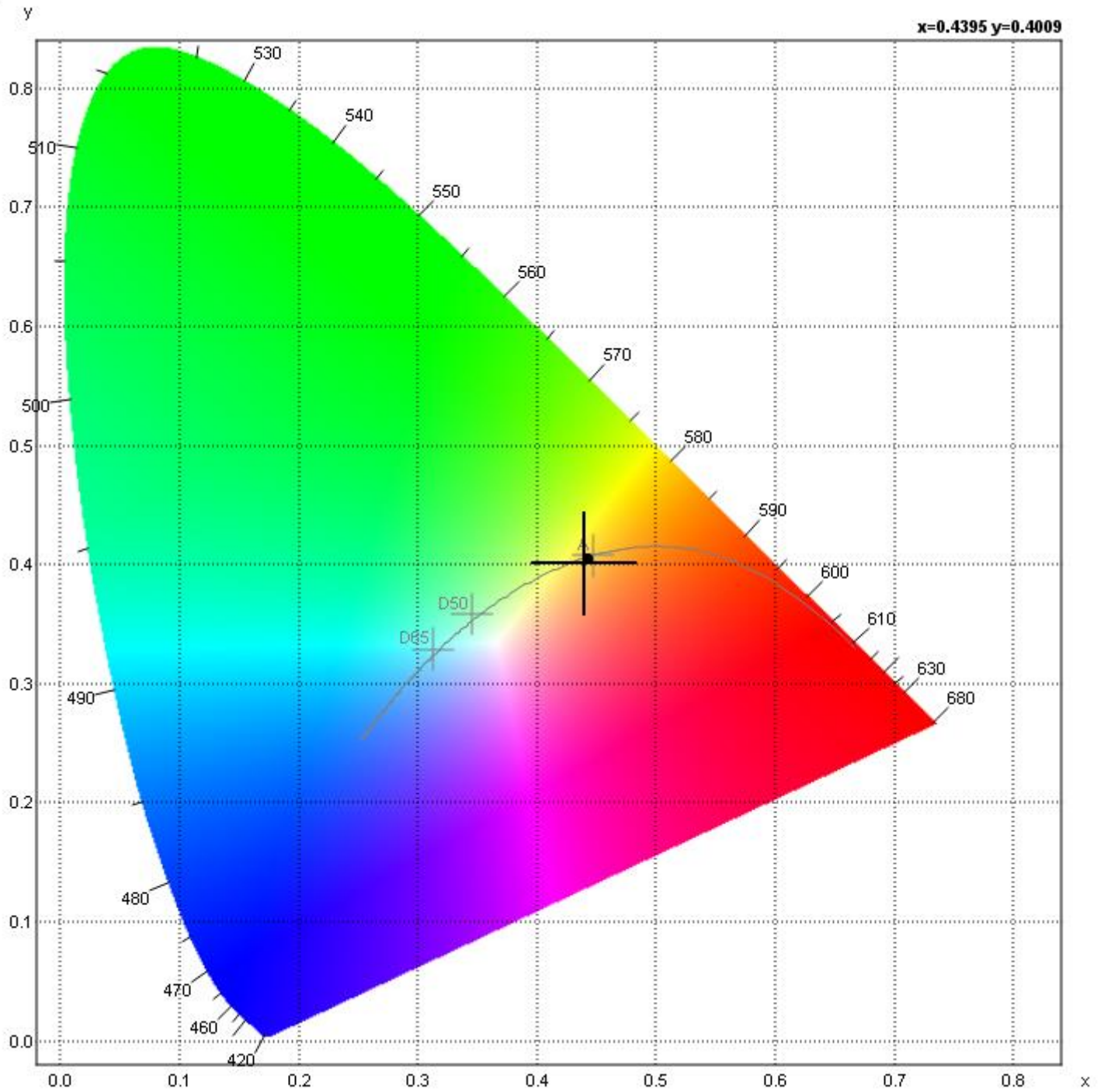
Results

Important Values	
CCT [K]	2931
Light Flux [lm]	557,62
Delta uv	-0,0016
Ansi Bin	7D3
Color Peak [nm]	640,75
Color Peak Value	13,19
Wavelength Domin. [nm]	583,7
Radiometric [W]	2,2060
Luminous Efficacy [lm/W]	64,0888
Power [W]	8.70079
Current [A]	0.051102
Voltage [V]	229.996
Frequency [Hz]	50
Power Factor	0.739
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	95,1
Rf	94
Rg	103
R1	93,7
R2	97,3
R3	95,6
R4	93,6
R5	94,4
R6	95,4
R7	98,0
R8	93,0
R9	85,8
R10	96,2
R11	90,6
R12	87,5
R13	94,2
R14	96,4

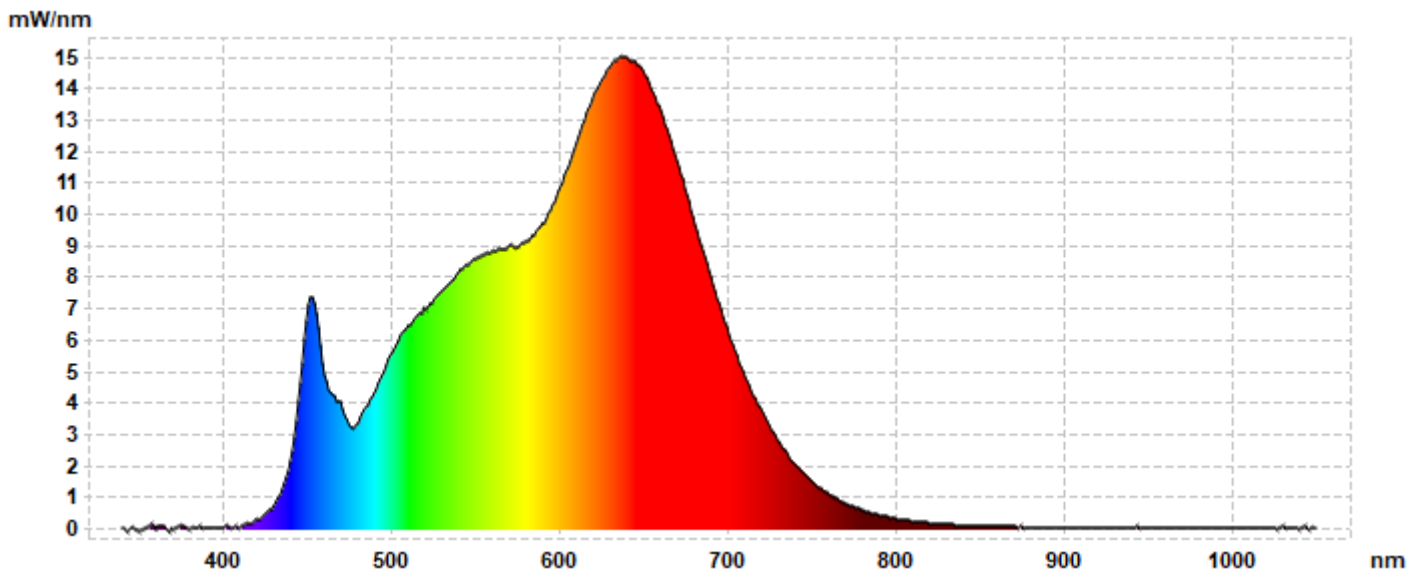
CIE 1931	
x	0,4395
y	0,4009
u'	0,2536
v'	0,5205
L	100,00
a	24,37
b	56,96
X	611,33
Z	222,10

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 70%
 Measurement time: 2019-07-16 09:37:18
 Report time: 2019-09-10 15:00:27
 Signal Level: 69.725
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @70%
 Made by: AUTLED GmbH
 Note:

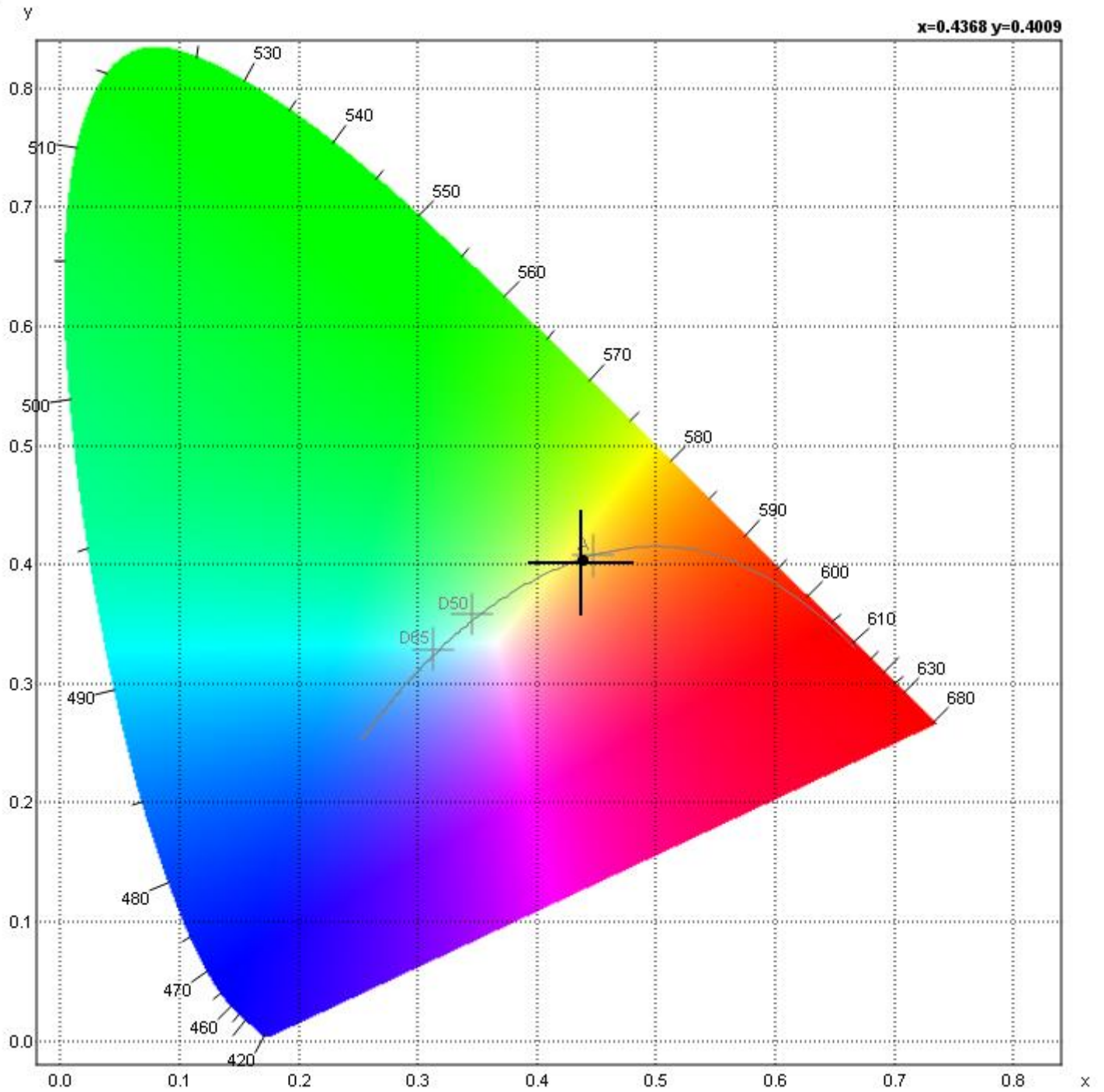
Results

Important Values	
CCT [K]	2977
Light Flux [lm]	647,15
Delta uv	-0,0013
Ansi Bin	7D2
Color Peak [nm]	637,08
Color Peak Value	15,05
Wavelength Domin. [nm]	583,4
Radiometric [W]	2,5381
Luminous Efficacy [lm/W]	65,8910
Power [W]	9.82155
Current [A]	0.054947
Voltage [V]	229.985
Frequency [Hz]	50
Power Factor	0.773
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	95,5
Rf	94
Rg	102
R1	94,2
R2	97,8
R3	95,4
R4	94,0
R5	95,1
R6	96,1
R7	98,0
R8	93,5
R9	87,1
R10	97,3
R11	91,2
R12	87,3
R13	94,8
R14	96,3

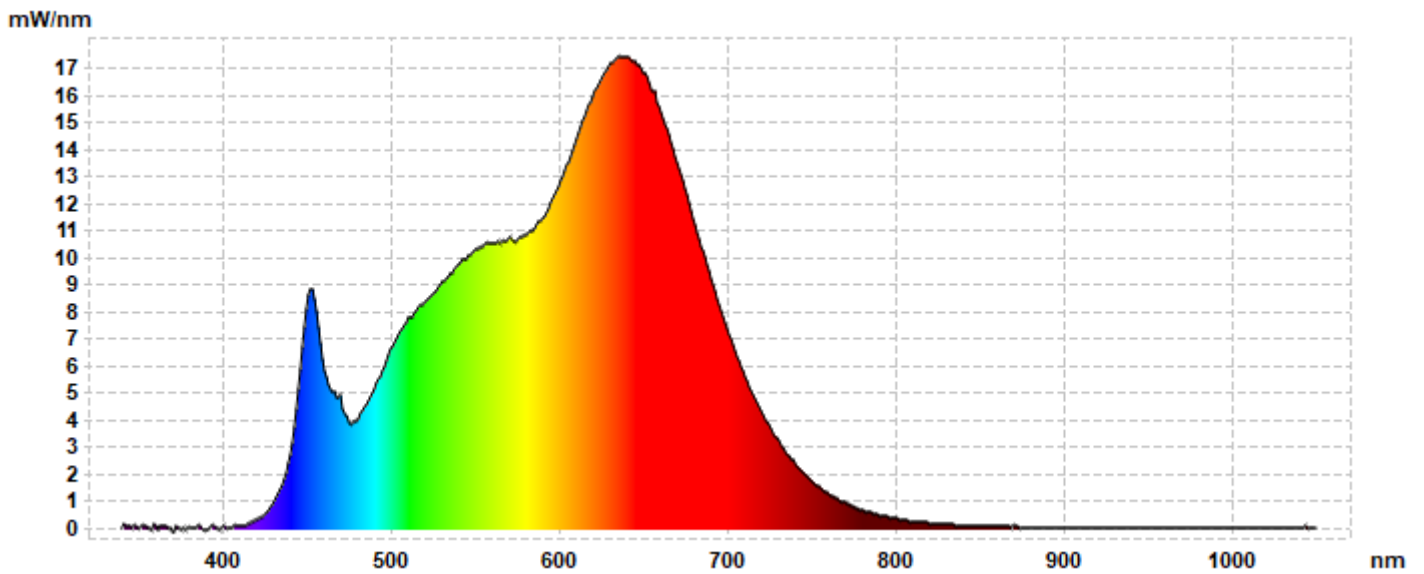
CIE 1931	
x	0,4368
y	0,4009
u'	0,2518
v'	0,5201
L	100,00
a	23,26
b	56,19
X	704,98
Z	261,95

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 80%
 Measurement time: 2019-07-16 09:36:37
 Report time: 2019-09-10 14:59:30
 Signal Level: 69.431
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @80%
 Made by: AUTLED GmbH
 Note:

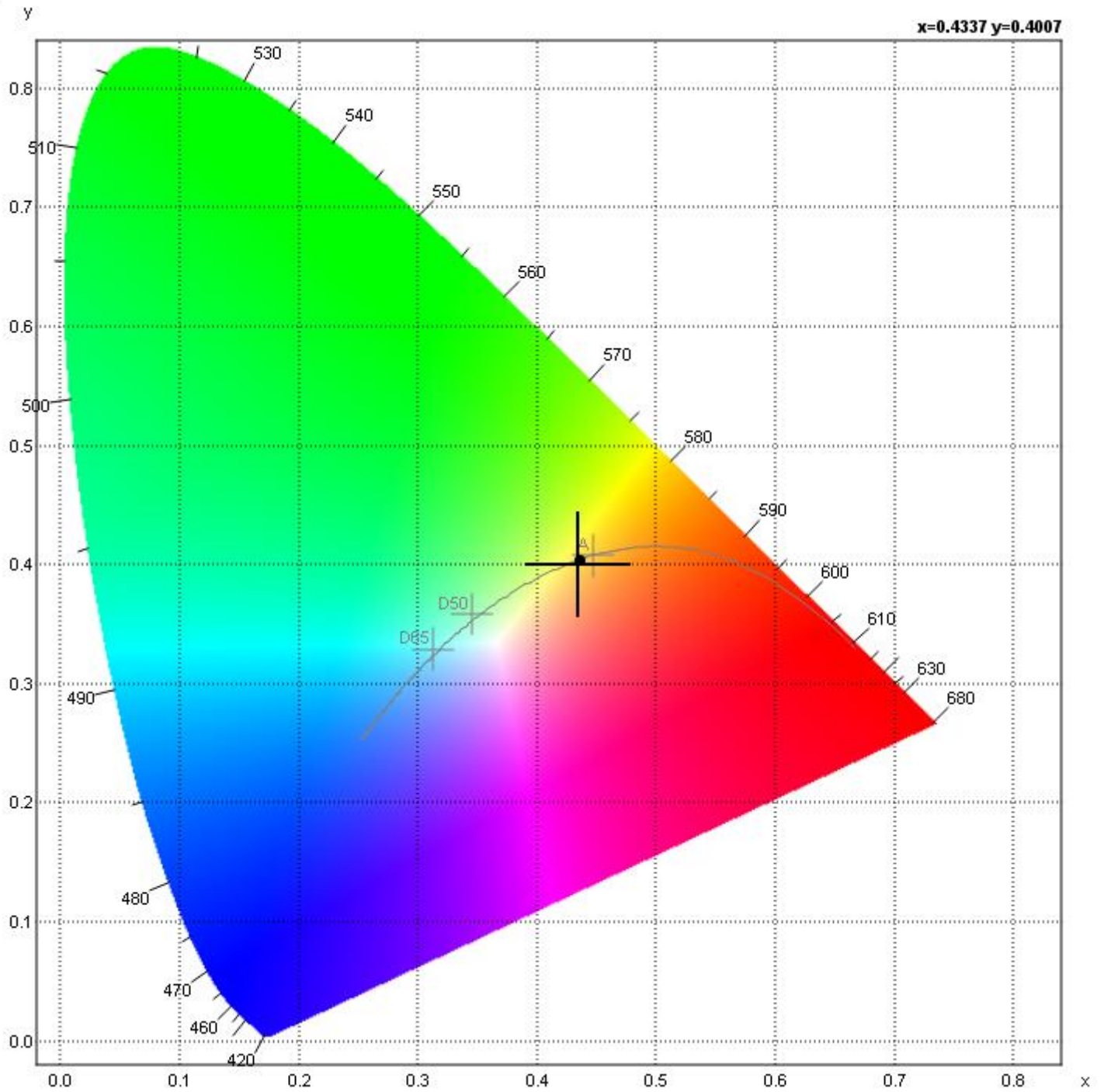
Results

Important Values	
CCT [K]	3027
Light Flux [lm]	769,81
Delta uv	-0,0009
Ansi Bin	7D2
Color Peak [nm]	637,08
Color Peak Value	17,48
Wavelength Domin. [nm]	583,0
Radiometric [W]	2,9958
Luminous Efficacy [lm/W]	62,2038
Power [W]	12.3756
Current [A]	0.06424
Voltage [V]	229.974
Frequency [Hz]	50
Power Factor	0.837
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	96,0
Rf	94
Rg	102
R1	95,0
R2	98,4
R3	95,0
R4	94,7
R5	96,0
R6	97,0
R7	98,1
R8	94,1
R9	88,7
R10	98,7
R11	92,1
R12	87,0
R13	95,6
R14	96,1

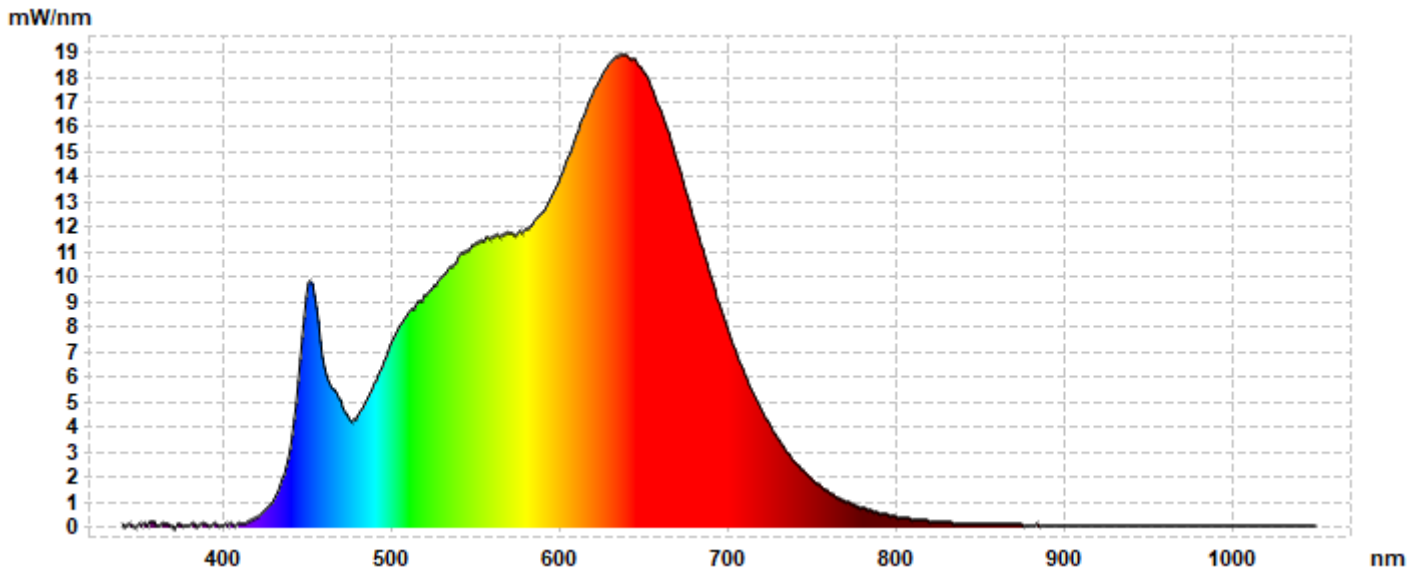
CIE 1931	
x	0,4337
y	0,4007
u'	0,2499
v'	0,5196
L	100,00
a	22,13
b	55,20
X	833,18
Z	318,07

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 90%
 Measurement time: 2019-07-16 09:35:56
 Report time: 2019-09-10 14:59:11
 Signal Level: 68.466
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @90%
 Made by: AUTLED GmbH
 Note:

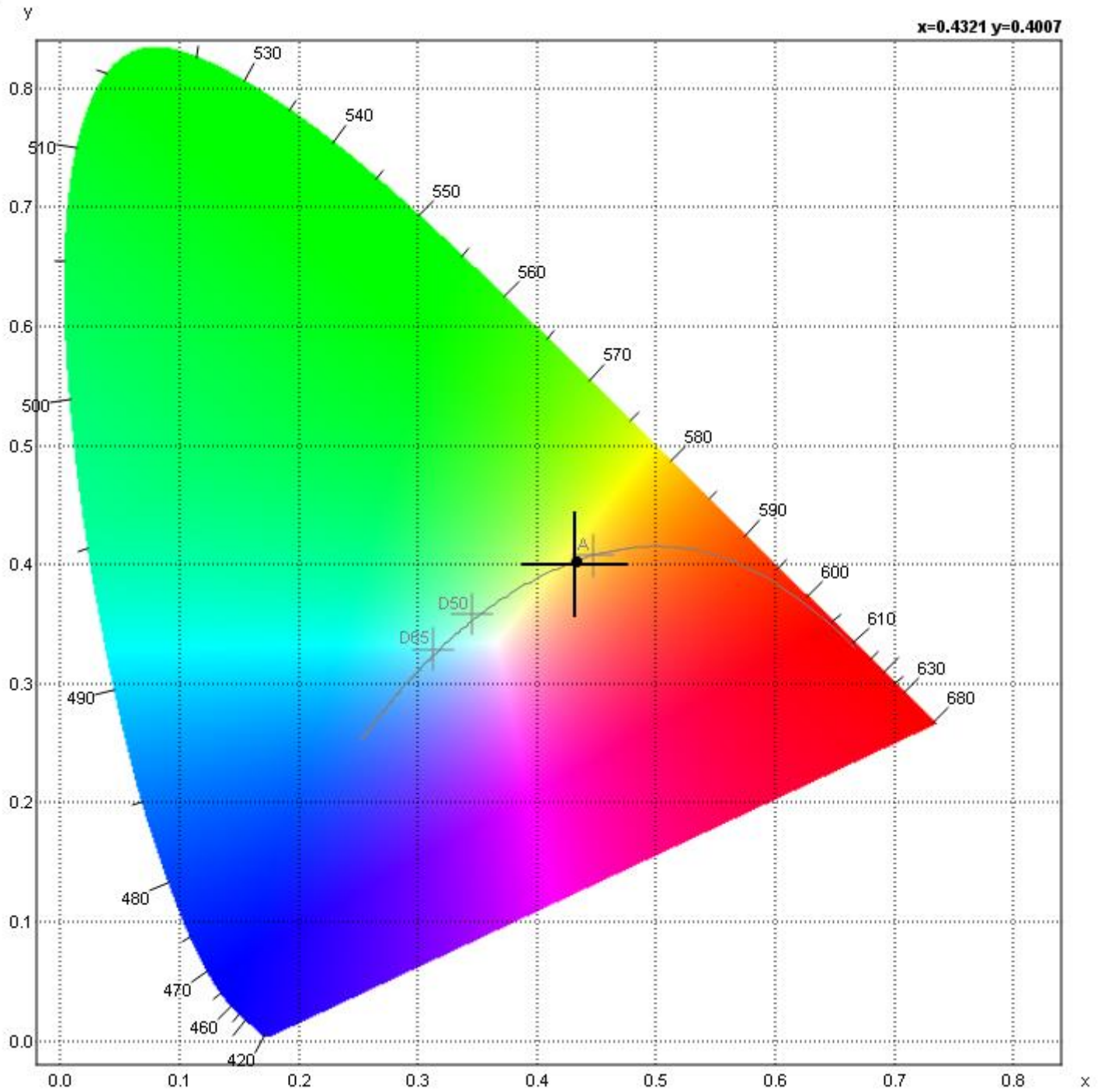
Results

Important Values	
CCT [K]	3055
Light Flux [lm]	842,75
Delta uv	-0,0007
Ansi Bin	7A3
Color Peak [nm]	640,75
Color Peak Value	18,95
Wavelength Domin. [nm]	582,8
Radiometric [W]	3,2657
Luminous Efficacy [lm/W]	68,0074
Power [W]	12.392
Current [A]	0.064331
Voltage [V]	229.985
Frequency [Hz]	50
Power Factor	0.838
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	96,3
Rf	95
Rg	102
R1	95,4
R2	98,8
R3	94,8
R4	95,0
R5	96,5
R6	97,4
R7	98,1
R8	94,5
R9	89,6
R10	99,4
R11	92,5
R12	86,7
R13	96,0
R14	96,0

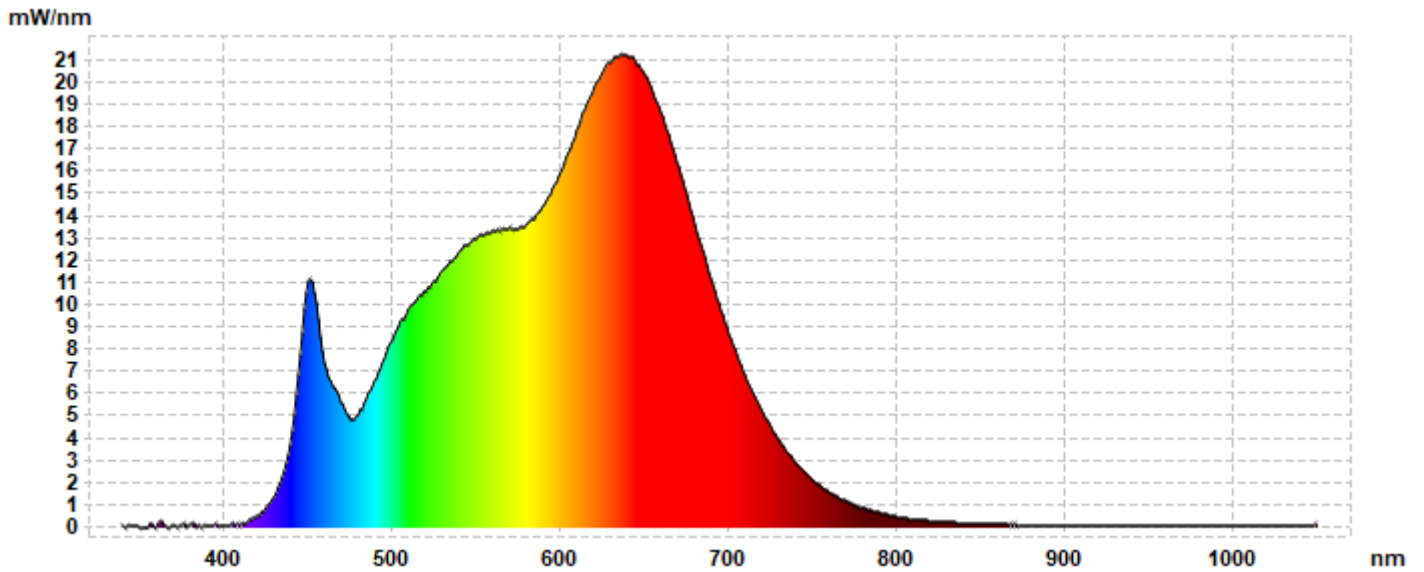
CIE 1931	
x	0,4321
y	0,4007
u'	0,2489
v'	0,5193
L	100,00
a	21,49
b	54,71
X	908,80
Z	351,81

CIE 1931



Measuring Report

Spectrum



Measurement name: LD-950-030 WD @wDim 100%
 Measurement time: 2019-07-16 09:41:32
 Report time: 2019-09-10 14:58:49
 Signal Level: 70.091
 Device: GLX10t 1104N041
 Item No: LD-950-030 - @100%
 Made by: AUTLED GmbH
 Note:

Results

Important Values	
CCT [K]	3083
Light Flux [lm]	960,84
Delta uv	-0,0005
Ansi Bin	7A3
Color Peak [nm]	640,75
Color Peak Value	21,34
Wavelength Domin. [nm]	582,6
Radiometric [W]	3,6978
Luminous Efficacy [lm/W]	68,5978
Power [W]	14.0068
Current [A]	0.070511
Voltage [V]	229.974
Frequency [Hz]	50
Power Factor	0.865
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	96,7
Rf	95
Rg	102
R1	95,9
R2	99,2
R3	94,6
R4	95,4
R5	97,1
R6	97,8
R7	98,2
R8	95,2
R9	91,3
R10	99,5
R11	93,0
R12	86,3
R13	96,6
R14	95,9

CIE 1931	
x	0,4305
y	0,4007
u'	0,2479
v'	0,5191
L	100,00
a	20,86
b	54,27
X	1032,36
Z	404,77

CIE 1931

