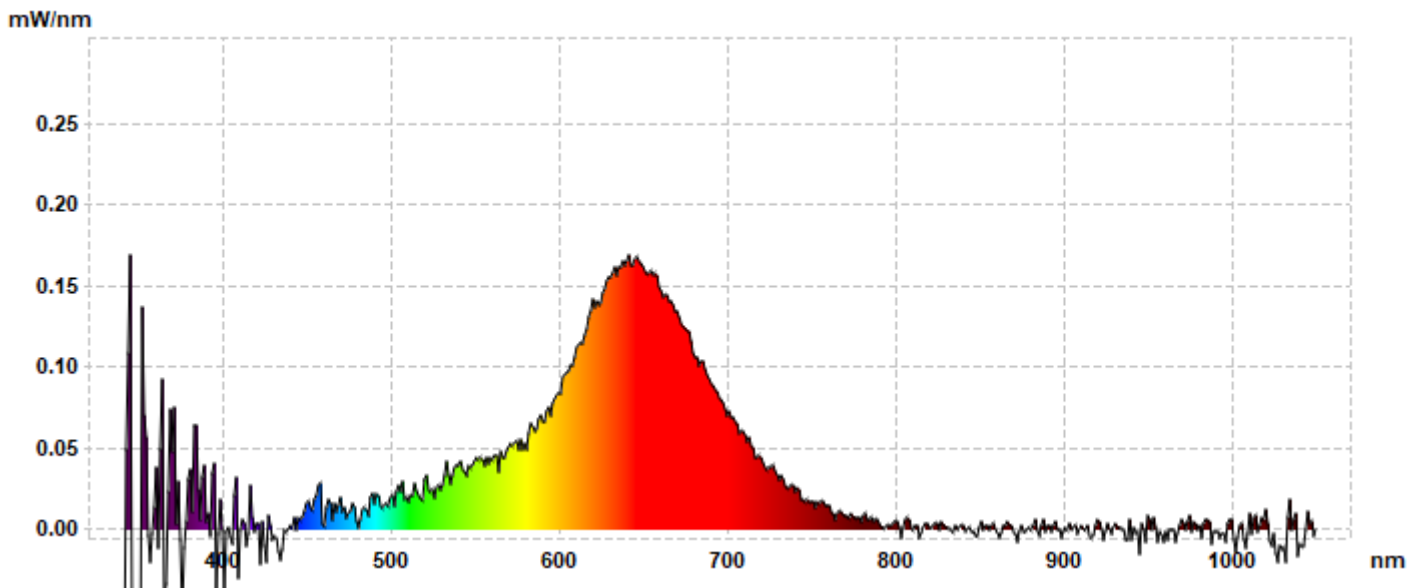


Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 1%
 Measurement time: 2019-06-18 12:51:35
 Report time: 2019-09-10 14:54:11
 Signal Level: 3.629
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @1%
 Made by: AUTLED GmbH
 Note:

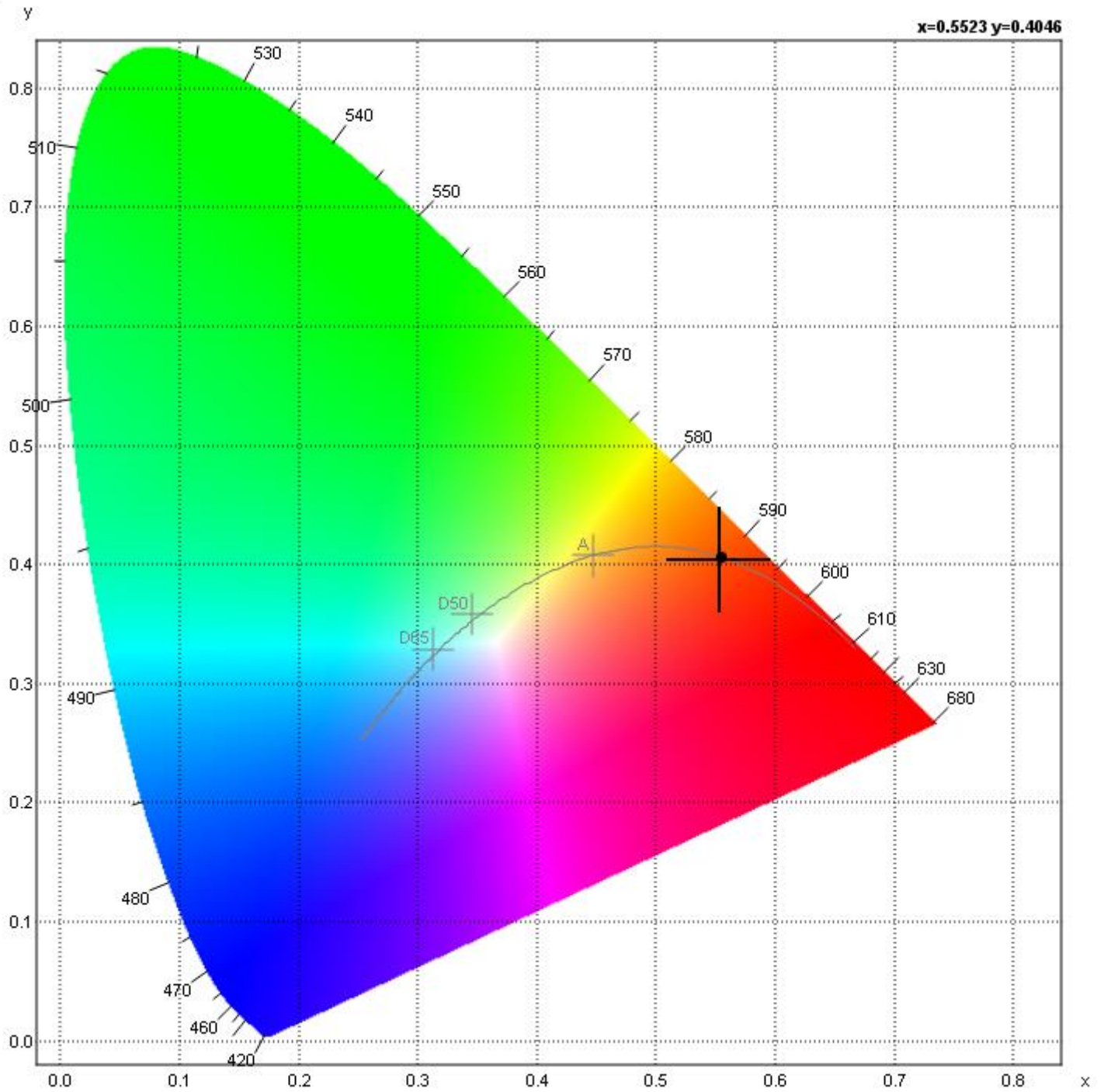
Results

Important Values	
CCT [K]	1758
Light Flux [lm]	3,98
Delta uv	-0,0007
Ansi Bin	
Color Peak [nm]	343,38
Color Peak Value	0,28
Wavelength Domin. [nm]	591,6
Radiometric [W]	0,0199
Luminous Efficacy [lm/W]	3,1900
Power [W]	1.24651
Current [A]	0.021469
Voltage [V]	229.996
Frequency [Hz]	50
Power Factor	0.251
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	92,3
Rf	82
Rg	97
R1	91,9
R2	93,1
R3	98,0
R4	90,0
R5	89,1
R6	84,2
R7	94,9
R8	97,2
R9	95,8
R10	88,6
R11	81,2
R12	67,8
R13	90,4
R14	96,4

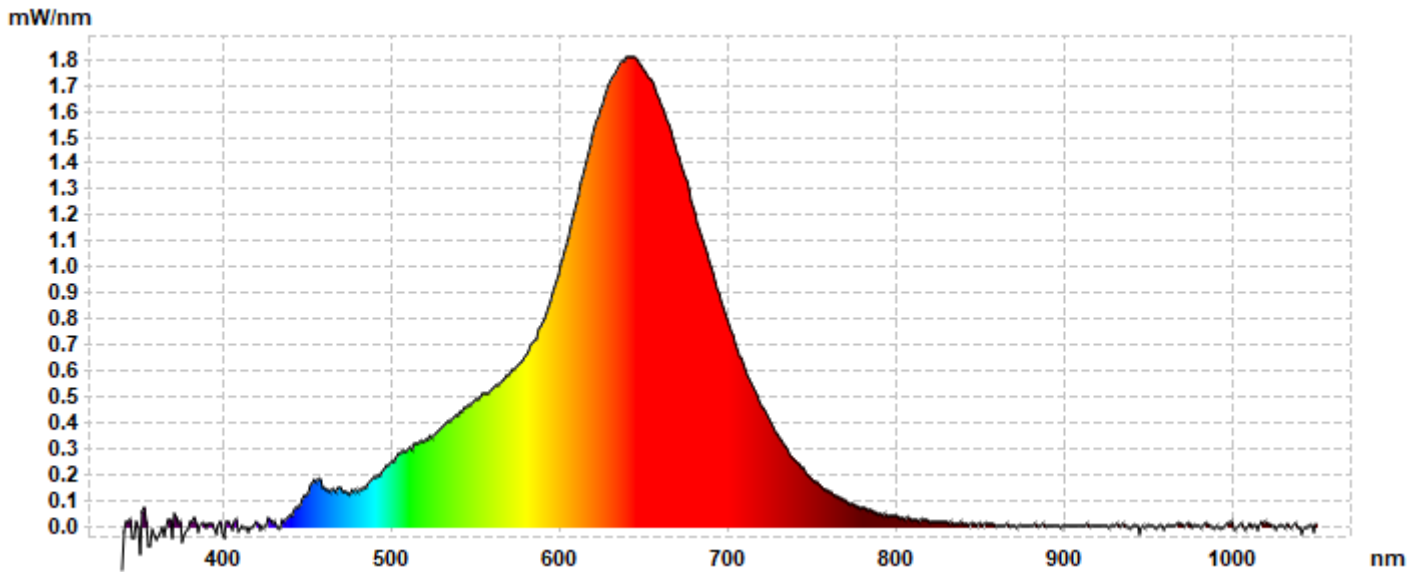
CIE 1931	
x	0,5523
y	0,4046
u'	0,3273
v'	0,5394
L	100,00
a	64,12
b	107,87
X	5,43
Z	0,42

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 10%
 Measurement time: 2019-06-18 12:49:40
 Report time: 2019-09-10 14:53:54
 Signal Level: 34.183
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @10%
 Made by: AUTLED GmbH
 Note:

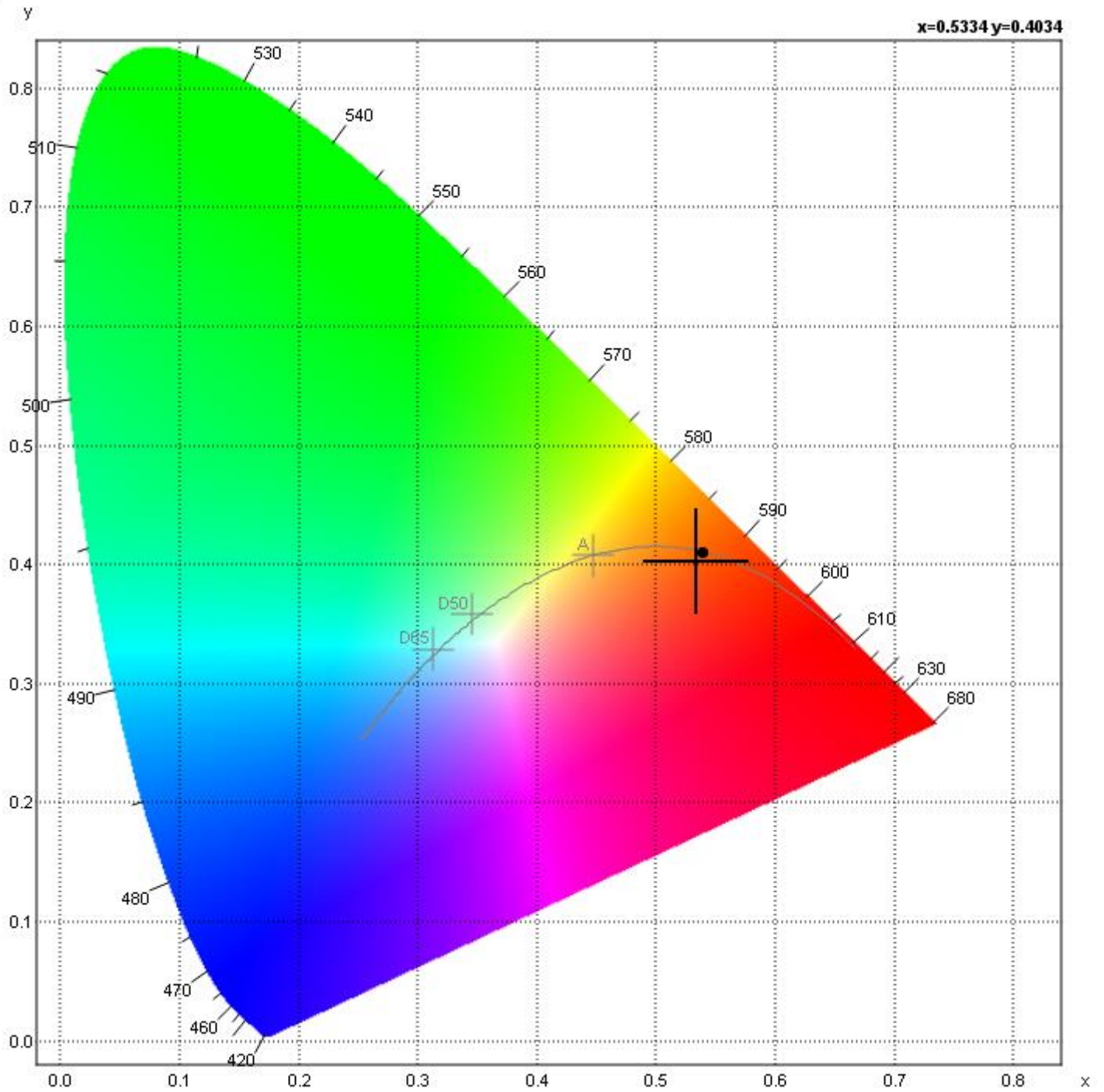
Results

Important Values	
CCT [K]	1888
Light Flux [lm]	47,22
Delta uv	-0,0025
Ansi Bin	
Color Peak [nm]	640,75
Color Peak Value	1,84
Wavelength Domin. [nm]	590,8
Radiometric [W]	0,2270
Luminous Efficacy [lm/W]	23,0321
Power [W]	2.05032
Current [A]	0.023468
Voltage [V]	230.007
Frequency [Hz]	50
Power Factor	0.385
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	91,9
Rf	91
Rg	105
R1	90,4
R2	92,6
R3	98,5
R4	88,1
R5	87,5
R6	83,7
R7	96,5
R8	98,3
R9	96,2
R10	86,3
R11	78,7
R12	69,3
R13	89,3
R14	97,2

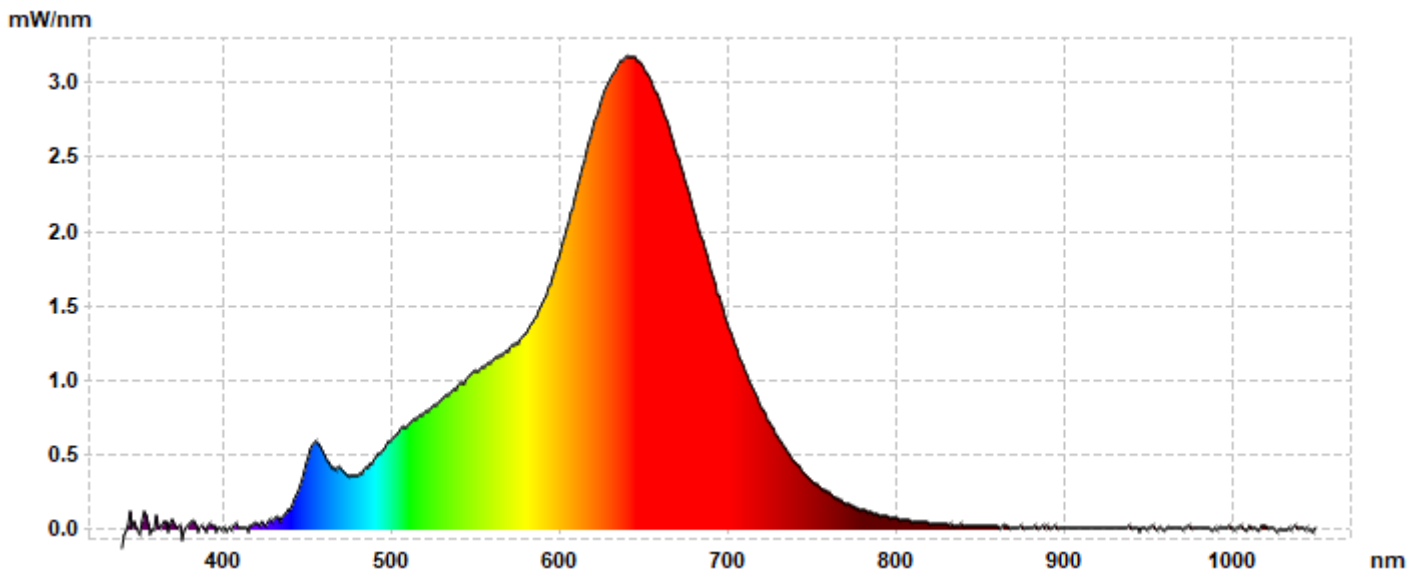
CIE 1931	
x	0,5334
y	0,4034
u'	0,3150
v'	0,5359
L	100,00
a	58,19
b	95,18
X	62,45
Z	7,40

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 20%
 Measurement time: 2019-06-18 12:49:16
 Report time: 2019-09-10 14:53:34
 Signal Level: 59.405
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @20%
 Made by: AUTLED GmbH
 Note:

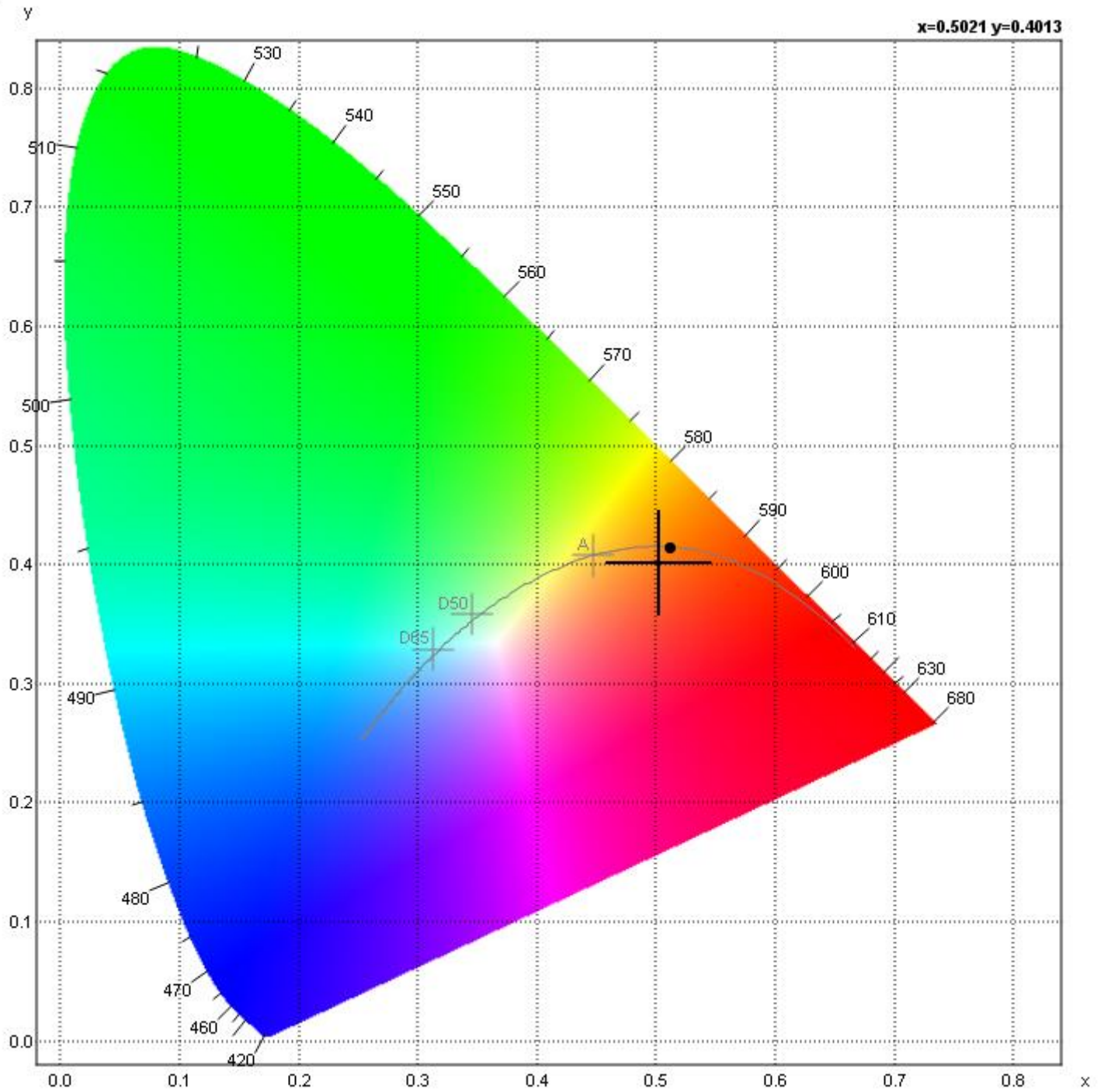
Results

Important Values	
CCT [K]	2142
Light Flux [lm]	94,26
Delta uv	-0,0045
Ansi Bin	
Color Peak [nm]	641,20
Color Peak Value	3,18
Wavelength Domin. [nm]	589,2
Radiometric [W]	0,4306
Luminous Efficacy [lm/W]	34,0093
Power [W]	2.77145
Current [A]	0.023956
Voltage [V]	230.029
Frequency [Hz]	50
Power Factor	0.508
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	91,2
Rf	91
Rg	106
R1	88,6
R2	91,8
R3	98,4
R4	87,7
R5	86,5
R6	84,2
R7	98,1
R8	93,9
R9	86,5
R10	84,5
R11	80,0
R12	71,7
R13	87,9
R14	97,6

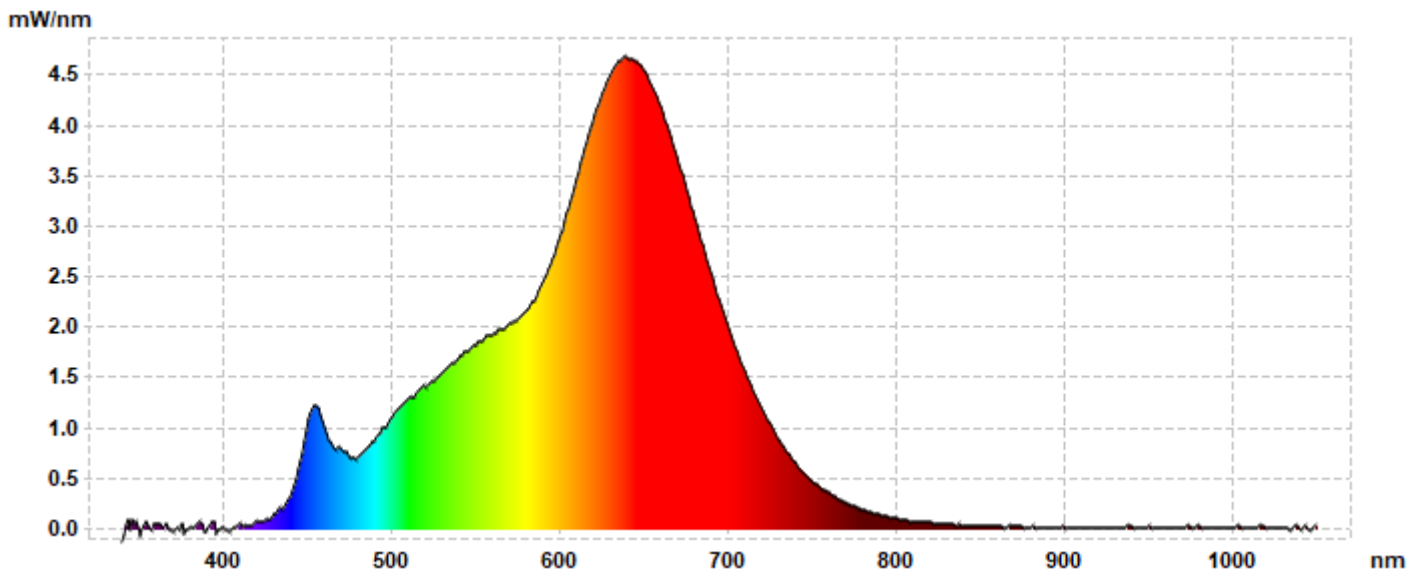
CIE 1931	
x	0,5021
y	0,4013
u'	0,2949
v'	0,5303
L	100,00
a	47,98
b	79,10
X	117,93
Z	22,67

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 30%
 Measurement time: 2019-07-15 17:02:51
 Report time: 2019-09-10 14:53:14
 Signal Level: 71.312
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @30%
 Made by: AUTLED GmbH
 Note:

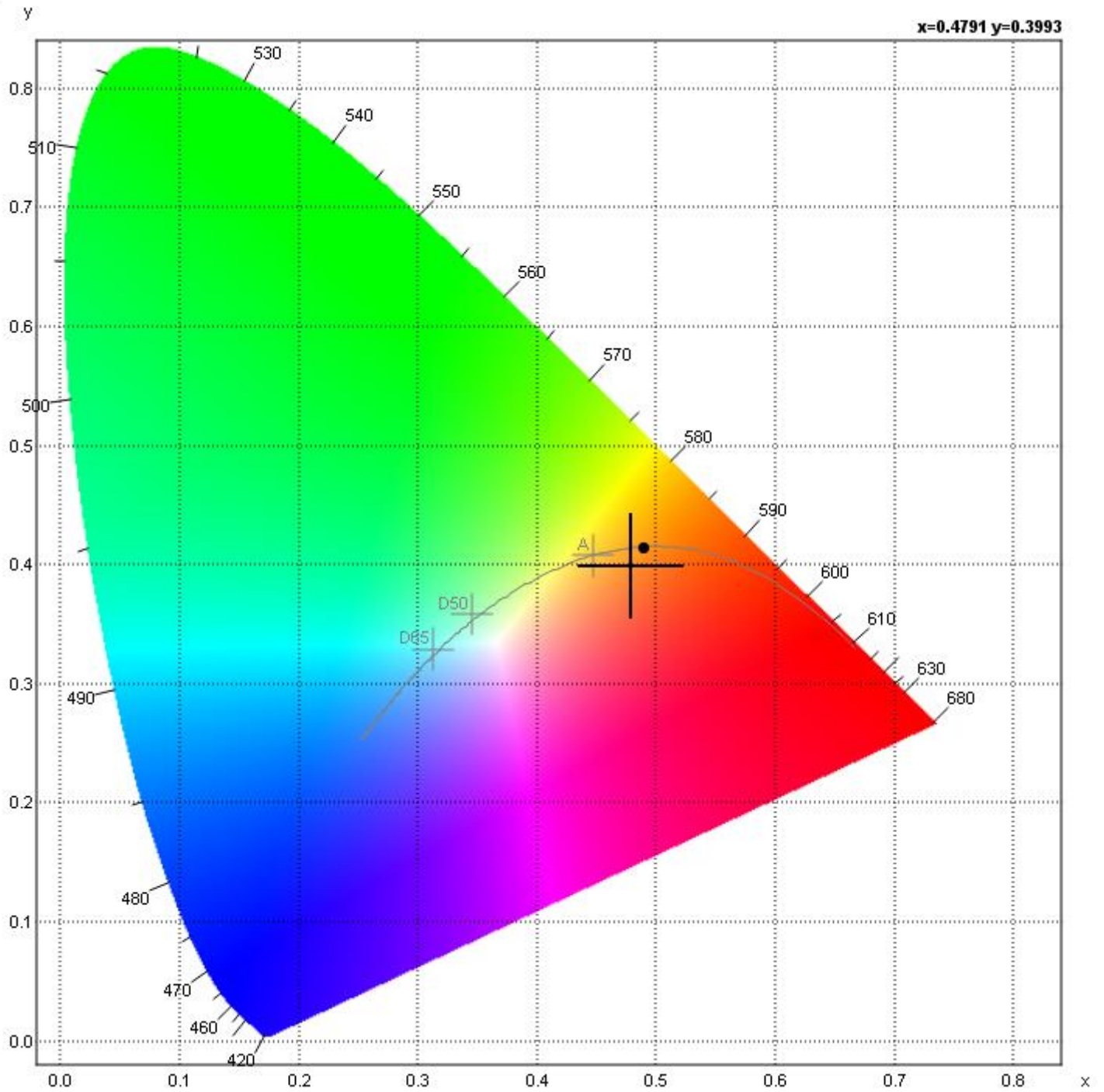
Results

Important Values	
CCT [K]	2371
Light Flux [lm]	154,49
Delta uv	-0,0051
Ansi Bin	
Color Peak [nm]	642,12
Color Peak Value	4,68
Wavelength Domin. [nm]	587,8
Radiometric [W]	0,6757
Luminous Efficacy [lm/W]	40,7961
Power [W]	3.78685
Current [A]	0.027283
Voltage [V]	230.007
Frequency [Hz]	50
Power Factor	0.607
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	91,5
Rf	92
Rg	106
R1	88,6
R2	92,2
R3	98,3
R4	88,5
R5	87,4
R6	86,2
R7	98,7
R8	91,7
R9	81,6
R10	85,3
R11	82,3
R12	76,4
R13	88,3
R14	97,6

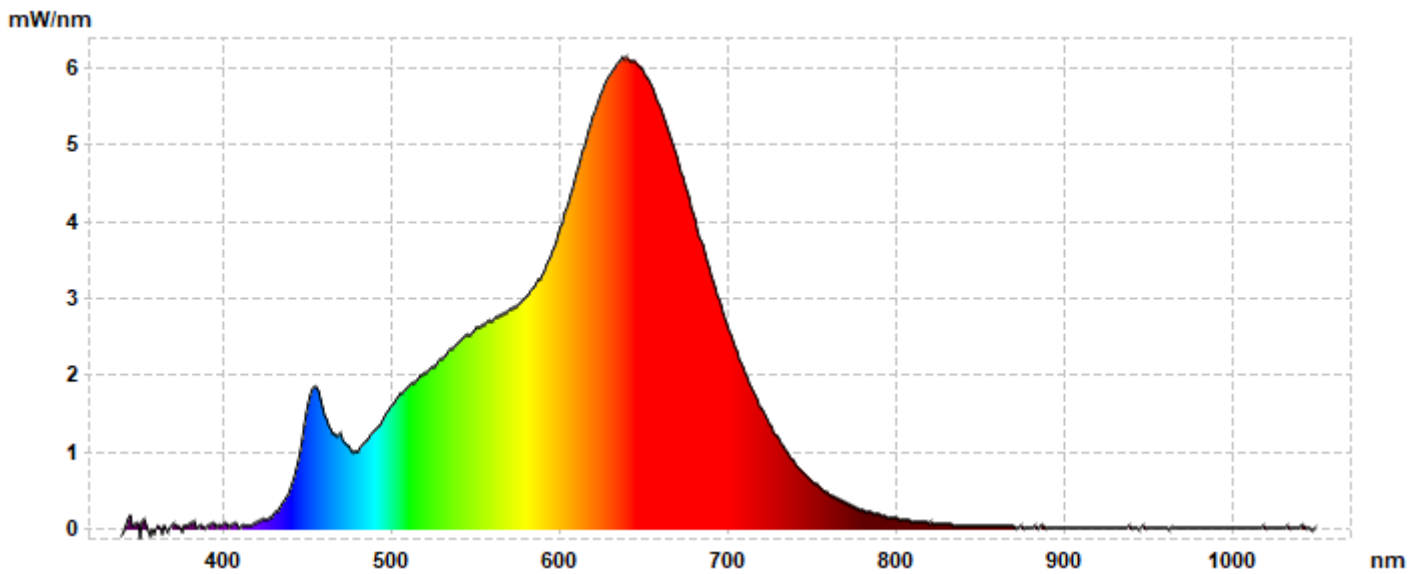
CIE 1931	
x	0,4791
y	0,3993
u'	0,2804
v'	0,5259
L	100,00
a	40,37
b	69,20
X	185,35
Z	47,05

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 40%
 Measurement time: 2019-06-18 12:48:45
 Report time: 2019-09-10 14:52:48
 Signal Level: 68.852
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @40%
 Made by: AUTLED GmbH
 Note:

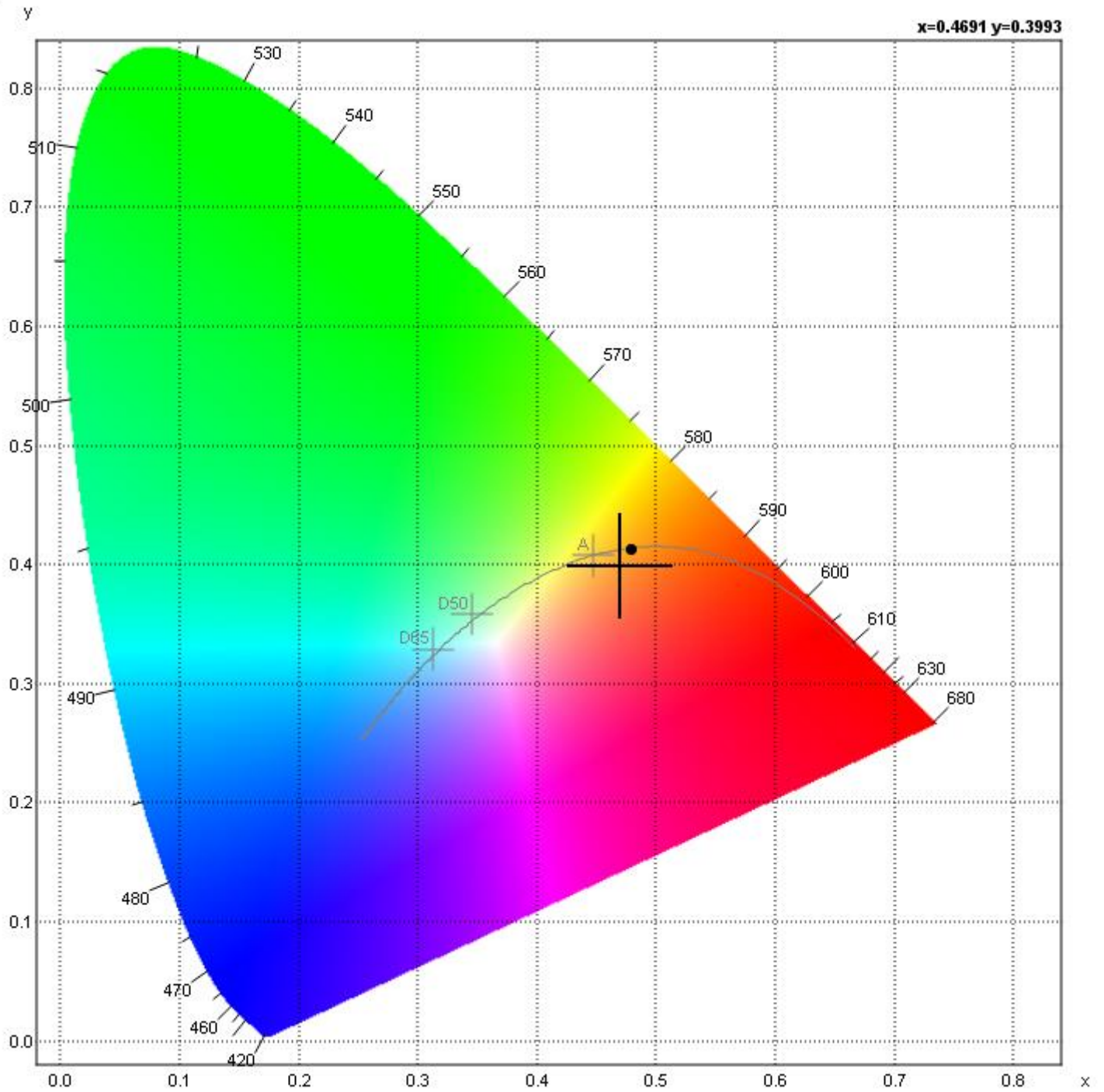
Results

Important Values	
CCT [K]	2485
Light Flux [lm]	213,93
Delta uv	-0,0047
Ansi Bin	
Color Peak [nm]	640,75
Color Peak Value	6,17
Wavelength Domin. [nm]	587,0
Radiometric [W]	0,9151
Luminous Efficacy [lm/W]	48,2295
Power [W]	4.43562
Current [A]	0.028778
Voltage [V]	230.007
Frequency [Hz]	50
Power Factor	0.667
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	92,2
Rf	93
Rg	105
R1	89,5
R2	93,0
R3	98,3
R4	89,7
R5	88,7
R6	87,8
R7	98,9
R8	91,7
R9	81,5
R10	86,9
R11	84,3
R12	79,7
R13	89,3
R14	97,6

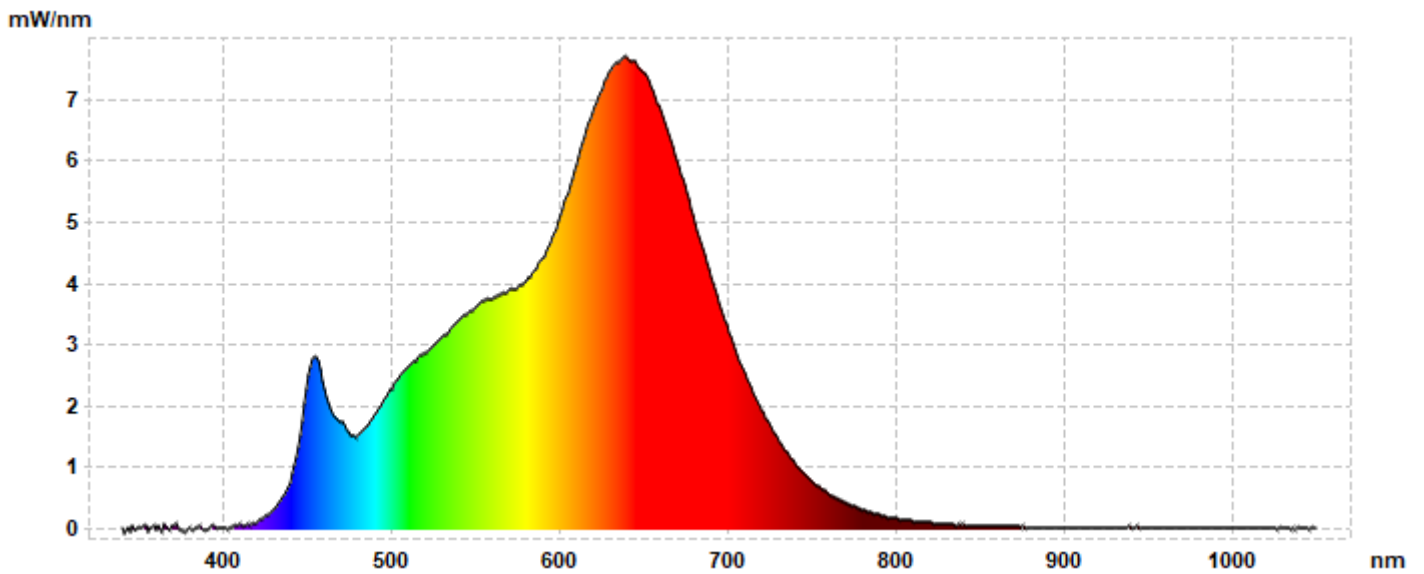
CIE 1931	
x	0,4691
y	0,3993
u'	0,2738
v'	0,5244
L	100,00
a	36,59
b	65,73
X	251,32
Z	70,47

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 50%
 Measurement time: 2019-07-15 17:02:16
 Report time: 2019-09-10 14:52:20
 Signal Level: 69.988
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @50%
 Made by: AUTLED GmbH
 Note:

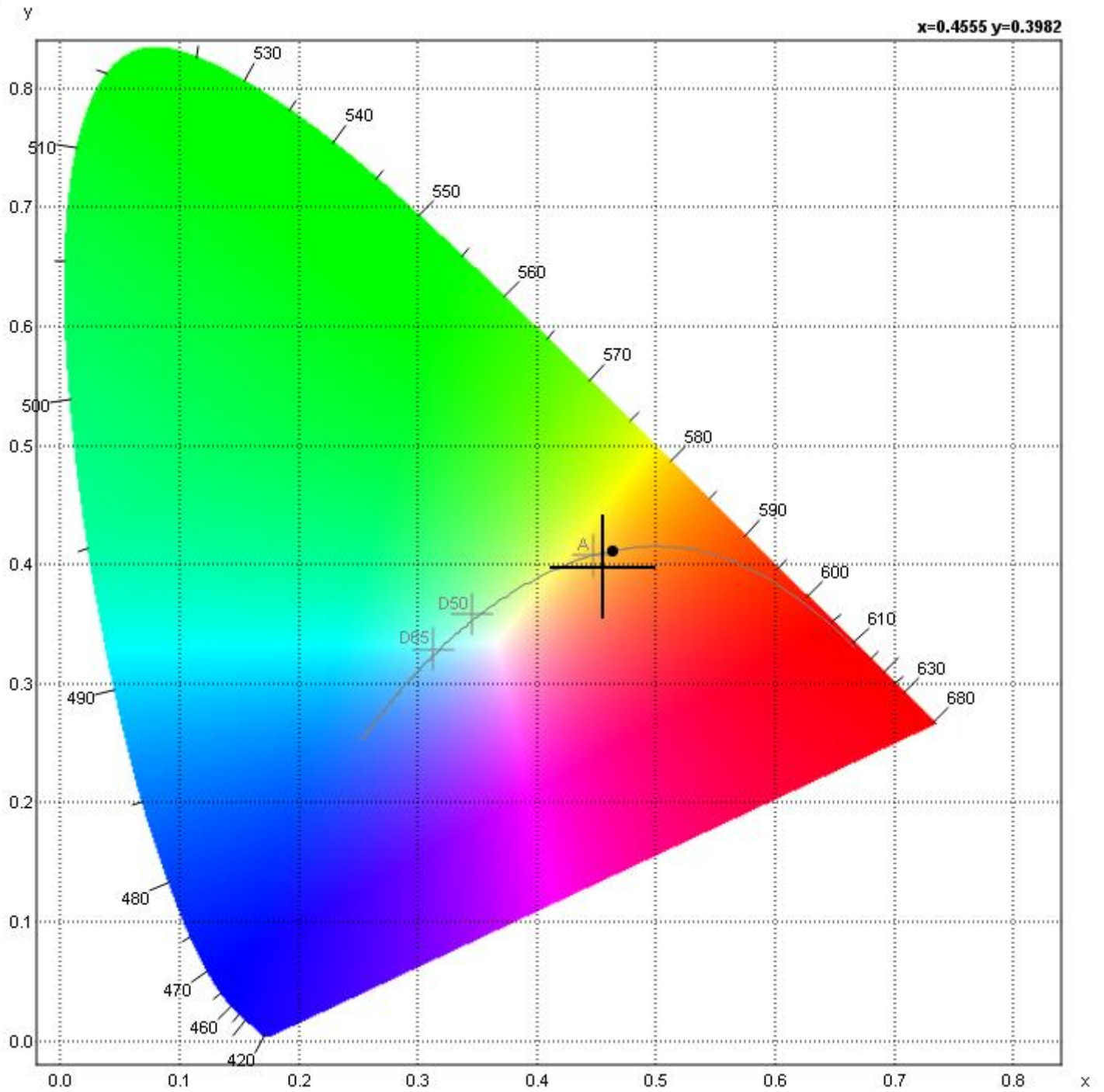
Results

Important Values	
CCT [K]	2664
Light Flux [lm]	288,30
Delta uv	-0,0043
Ansi Bin	8D1
Color Peak [nm]	640,75
Color Peak Value	7,72
Wavelength Domin. [nm]	585,9
Radiometric [W]	1,1971
Luminous Efficacy [lm/W]	51,8082
Power [W]	5.56471
Current [A]	0.03392
Voltage [V]	230.018
Frequency [Hz]	50
Power Factor	0.712
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	92,8
Rf	93
Rg	104
R1	90,2
R2	93,9
R3	97,9
R4	90,7
R5	90,0
R6	89,8
R7	98,6
R8	91,1
R9	80,3
R10	88,8
R11	86,3
R12	83,0
R13	90,2
R14	97,4

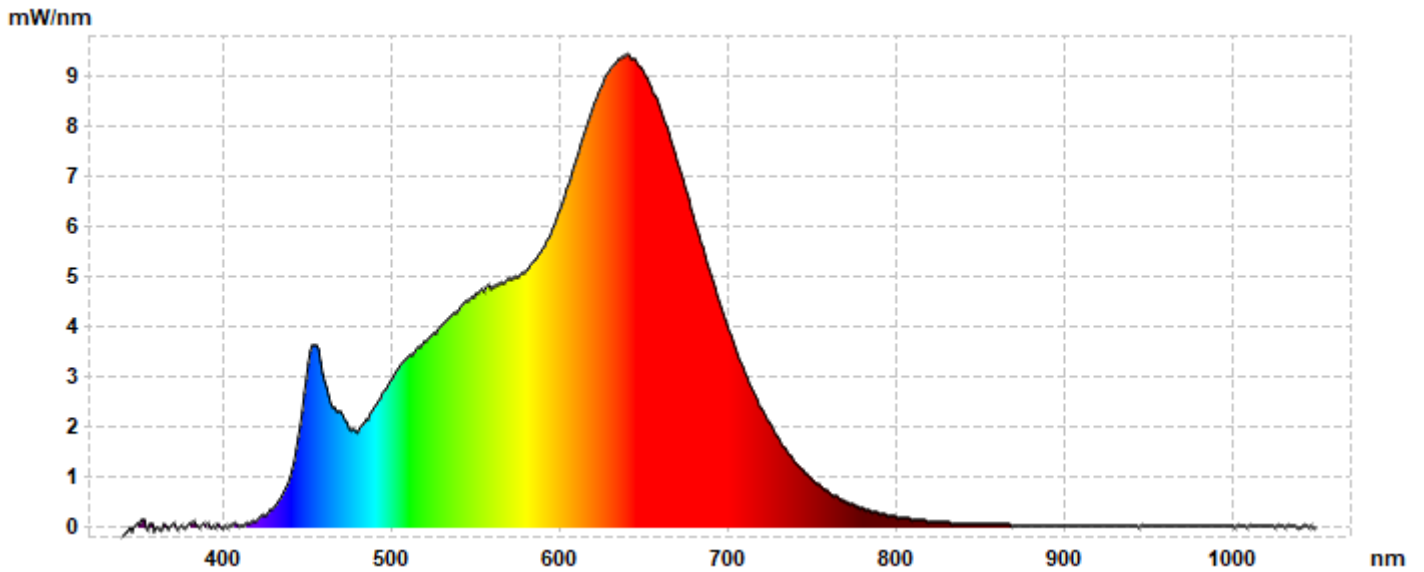
CIE 1931	
x	0,4555
y	0,3982
u'	0,2653
v'	0,5219
L	100,00
a	31,81
b	60,76
X	329,72
Z	105,92

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 60%
 Measurement time: 2019-06-18 12:48:19
 Report time: 2019-09-10 14:52:02
 Signal Level: 69.766
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @60%
 Made by: AUTLED GmbH
 Note:

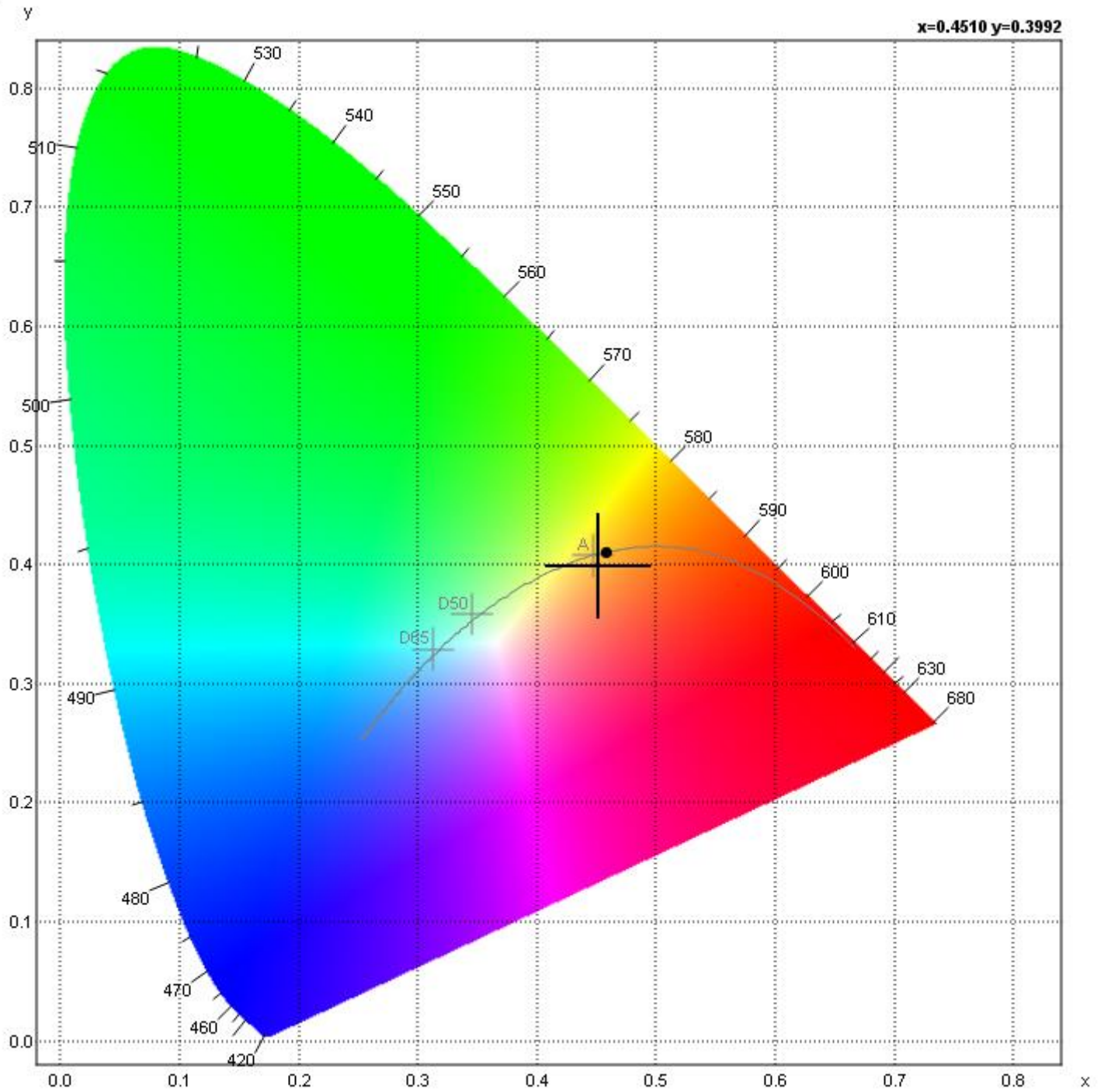
Results

Important Values	
CCT [K]	2736
Light Flux [lm]	364,12
Delta uv	-0,0036
Ansi Bin	8A4
Color Peak [nm]	640,75
Color Peak Value	9,45
Wavelength Domin. [nm]	585,3
Radiometric [W]	1,4879
Luminous Efficacy [lm/W]	57,9606
Power [W]	6.28215
Current [A]	0.032074
Voltage [V]	229.996
Frequency [Hz]	50
Power Factor	0.854
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	93,4
Rf	94
Rg	103
R1	91,1
R2	94,7
R3	97,4
R4	91,7
R5	91,2
R6	91,3
R7	98,5
R8	91,6
R9	81,6
R10	90,8
R11	87,7
R12	85,0
R13	91,3
R14	97,2

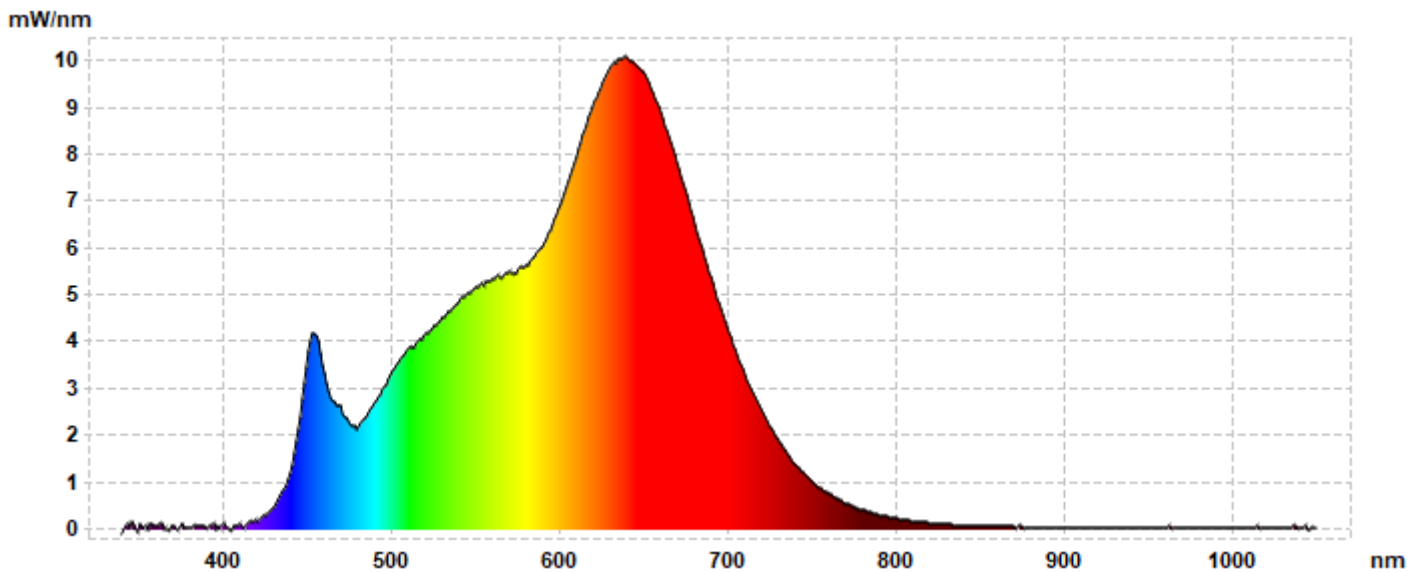
CIE 1931	
x	0,4510
y	0,3992
u'	0,2619
v'	0,5216
L	100,00
a	29,67
b	59,76
X	411,42
Z	136,68

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 70%
 Measurement time: 2019-07-15 17:01:32
 Report time: 2019-09-10 14:51:36
 Signal Level: 69.292
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @70%
 Made by: AUTLED GmbH
 Note:

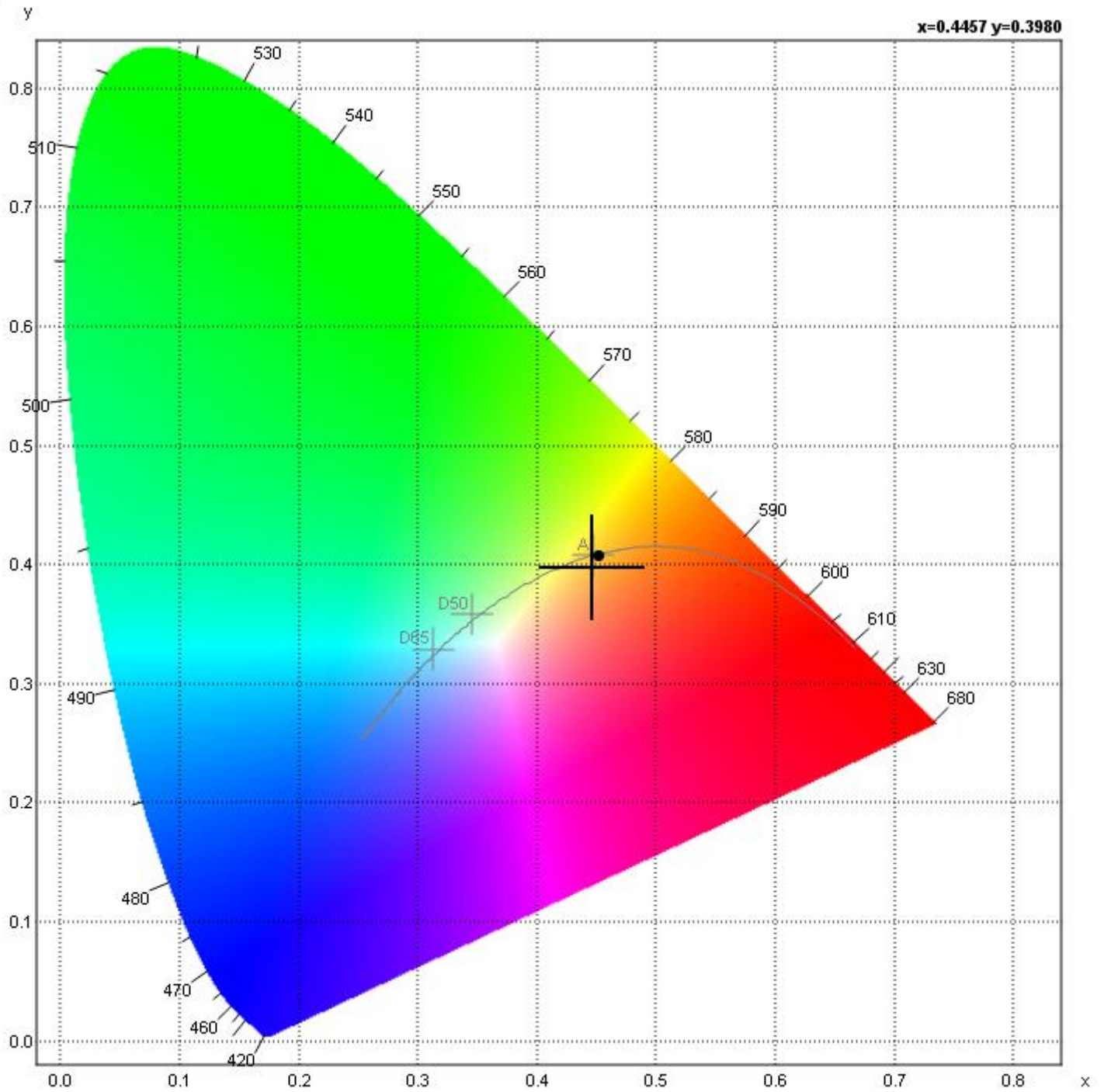
Results

Important Values	
CCT [K]	2808
Light Flux [lm]	400,66
Delta uv	-0,0035
Ansi Bin	8A1
Color Peak [nm]	639,37
Color Peak Value	10,10
Wavelength Domin. [nm]	584,9
Radiometric [W]	1,6275
Luminous Efficacy [lm/W]	57,4469
Power [W]	6.97443
Current [A]	0.037827
Voltage [V]	230.007
Frequency [Hz]	50
Power Factor	0.801
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	93,7
Rf	94
Rg	103
R1	91,4
R2	95,1
R3	97,2
R4	92,0
R5	91,7
R6	92,0
R7	98,4
R8	91,5
R9	81,5
R10	91,4
R11	88,3
R12	85,7
R13	91,7
R14	97,1

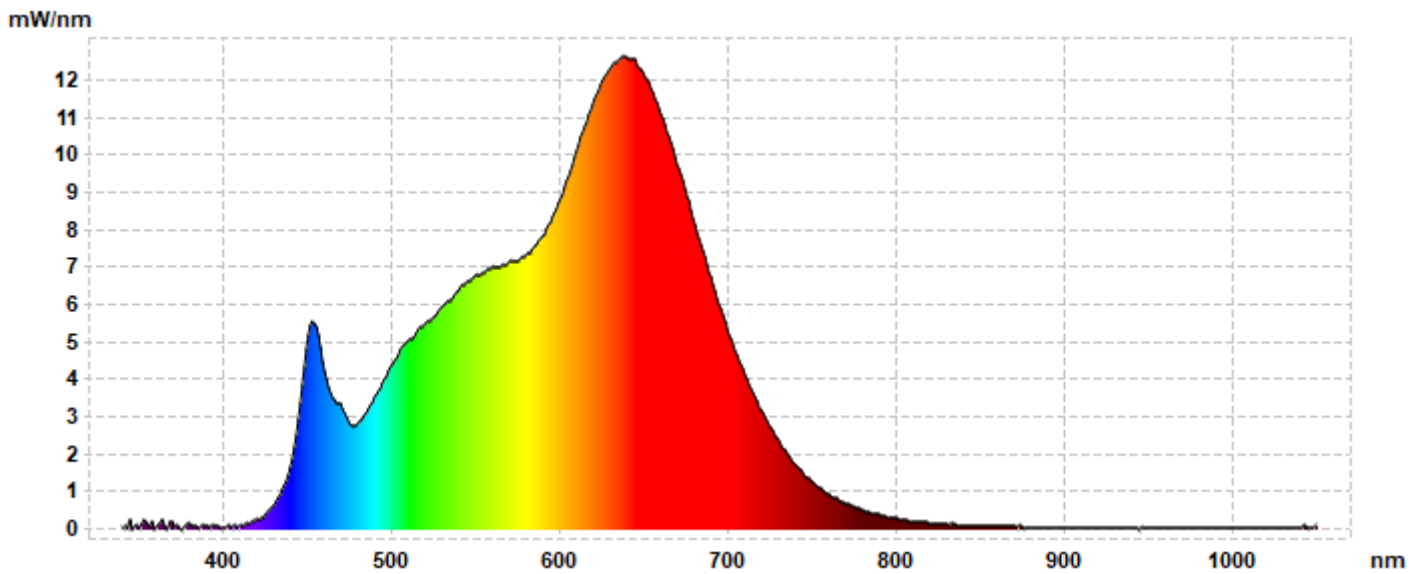
CIE 1931	
x	0,4457
y	0,3980
u'	0,2589
v'	0,5203
L	100,00
a	28,09
b	57,63
X	448,67
Z	157,38

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 80%
 Measurement time: 2019-06-18 12:46:54
 Report time: 2019-09-10 14:51:13
 Signal Level: 70.032
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @80%
 Made by: AUTLED GmbH
 Note:

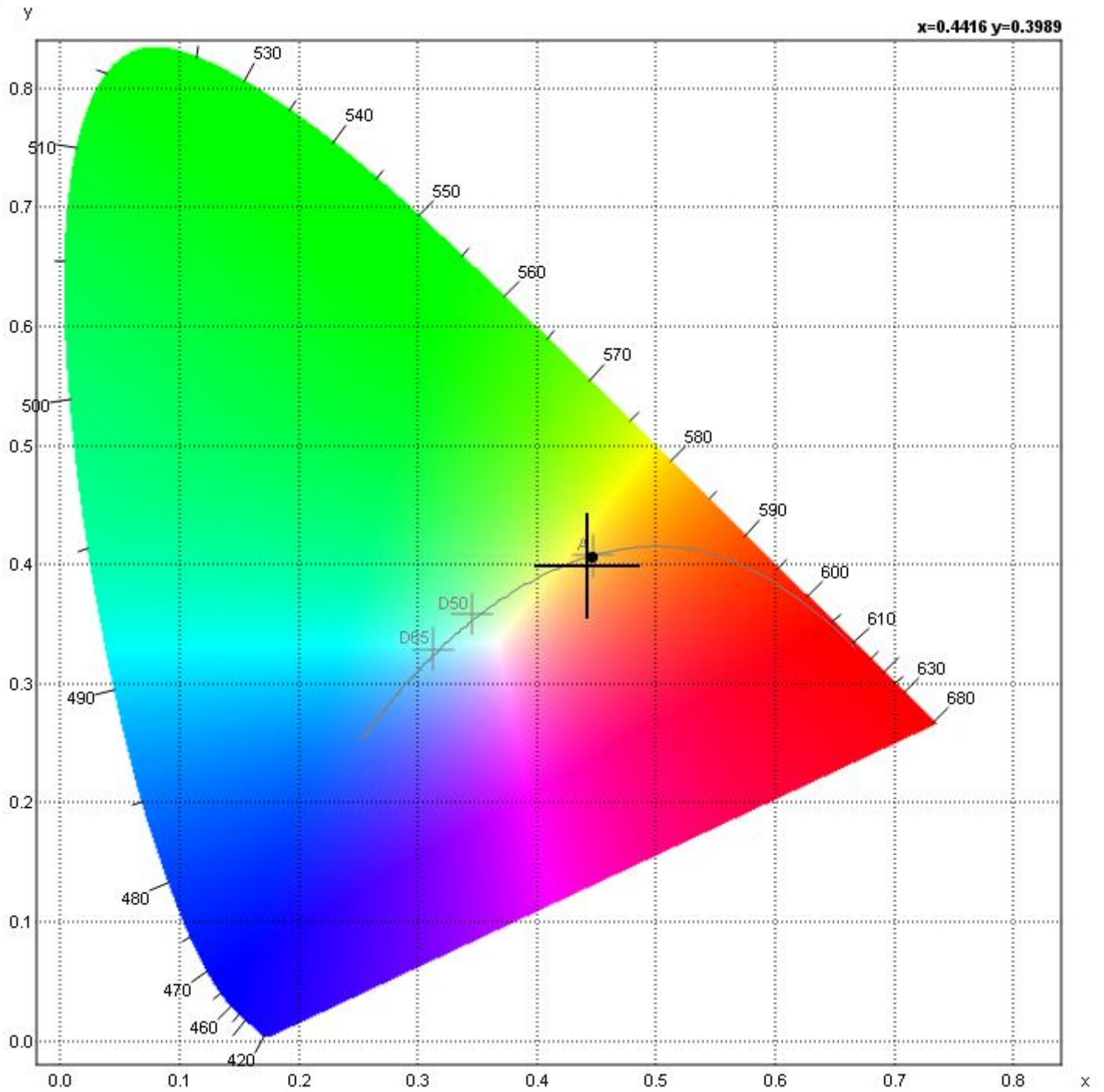
Results

Important Values	
CCT [K]	2879
Light Flux [lm]	518,72
Delta uv	-0,0027
Ansi Bin	7D3
Color Peak [nm]	638,91
Color Peak Value	12,68
Wavelength Domin. [nm]	584,3
Radiometric [W]	2,0789
Luminous Efficacy [lm/W]	63,6528
Power [W]	8.14918
Current [A]	0.039703
Voltage [V]	229.996
Frequency [Hz]	50
Power Factor	0.888
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	94,5
Rf	94
Rg	103
R1	92,6
R2	96,2
R3	96,6
R4	92,9
R5	93,1
R6	93,7
R7	98,3
R8	92,3
R9	83,6
R10	93,8
R11	89,6
R12	87,1
R13	93,0
R14	96,8

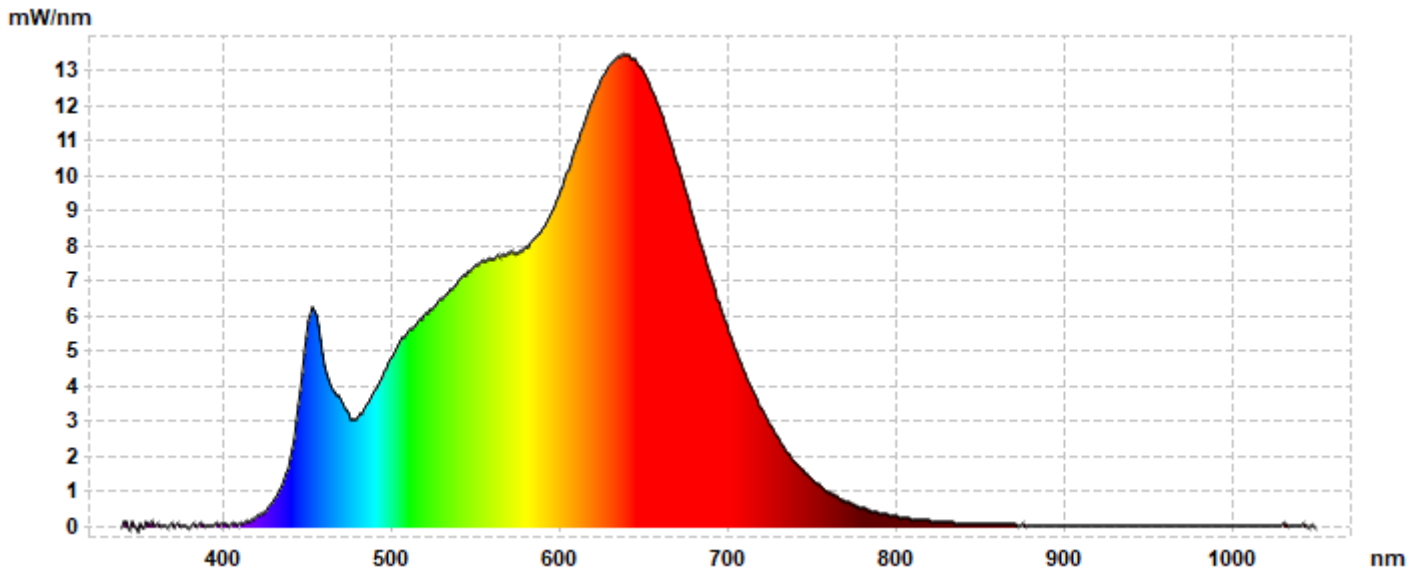
CIE 1931	
x	0,4416
y	0,3989
u'	0,2559
v'	0,5200
L	100,00
a	26,09
b	56,77
X	574,30
Z	207,44

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 90%
 Measurement time: 2019-07-15 17:00:36
 Report time: 2019-09-10 14:50:58
 Signal Level: 69.302
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @90%
 Made by: AUTLED GmbH
 Note:

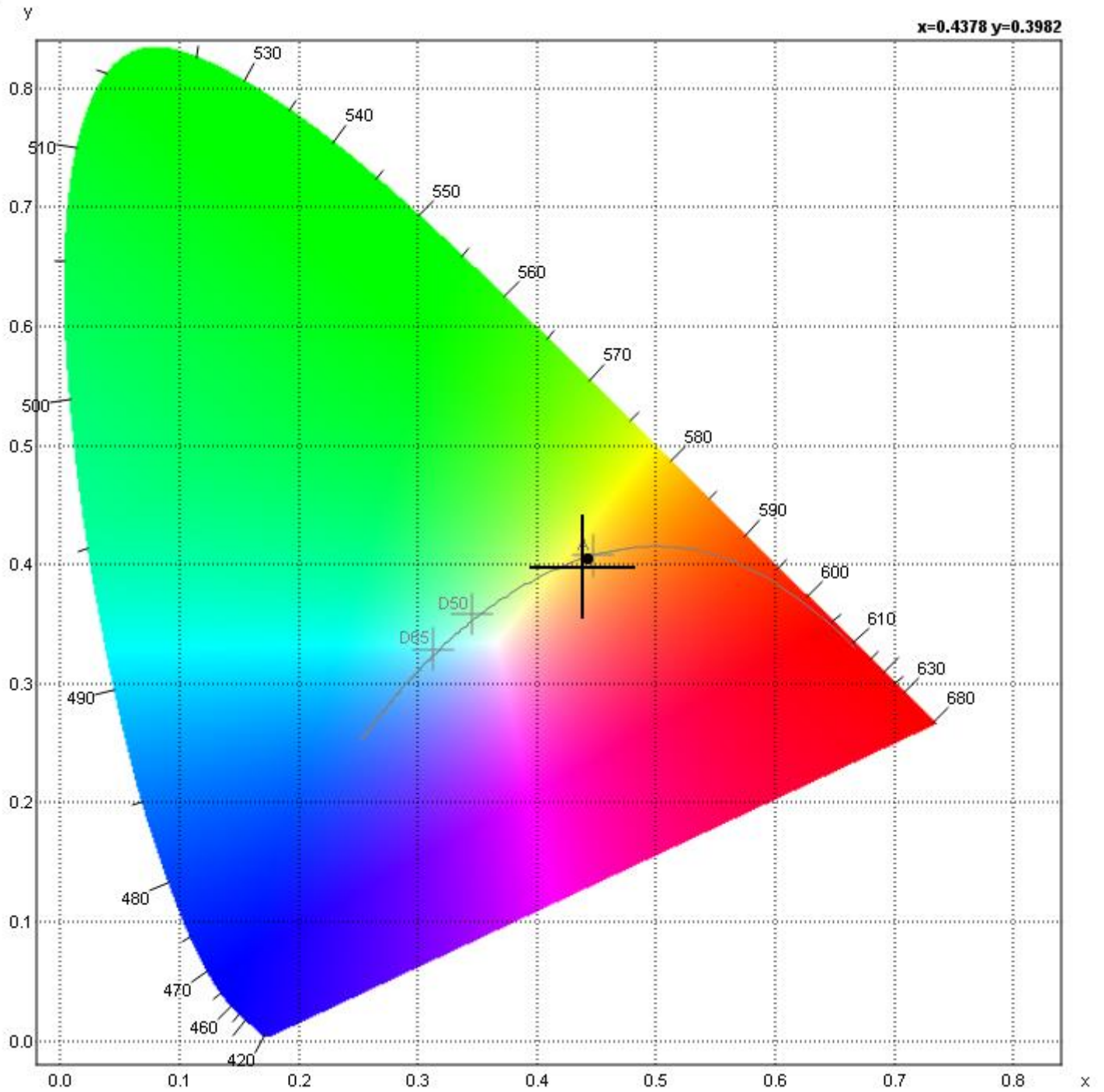
Results

Important Values	
CCT [K]	2937
Light Flux [lm]	565,45
Delta uv	-0,0025
Ansi Bin	7D3
Color Peak [nm]	640,75
Color Peak Value	13,51
Wavelength Domin. [nm]	584,0
Radiometric [W]	2,2465
Luminous Efficacy [lm/W]	62,2061
Power [W]	9.0899
Current [A]	0.045456
Voltage [V]	229.985
Frequency [Hz]	50
Power Factor	0.87
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	94,8
Rf	94
Rg	103
R1	93,0
R2	96,5
R3	96,4
R4	93,3
R5	93,6
R6	94,3
R7	98,3
R8	92,6
R9	84,2
R10	94,6
R11	90,2
R12	87,3
R13	93,4
R14	96,7

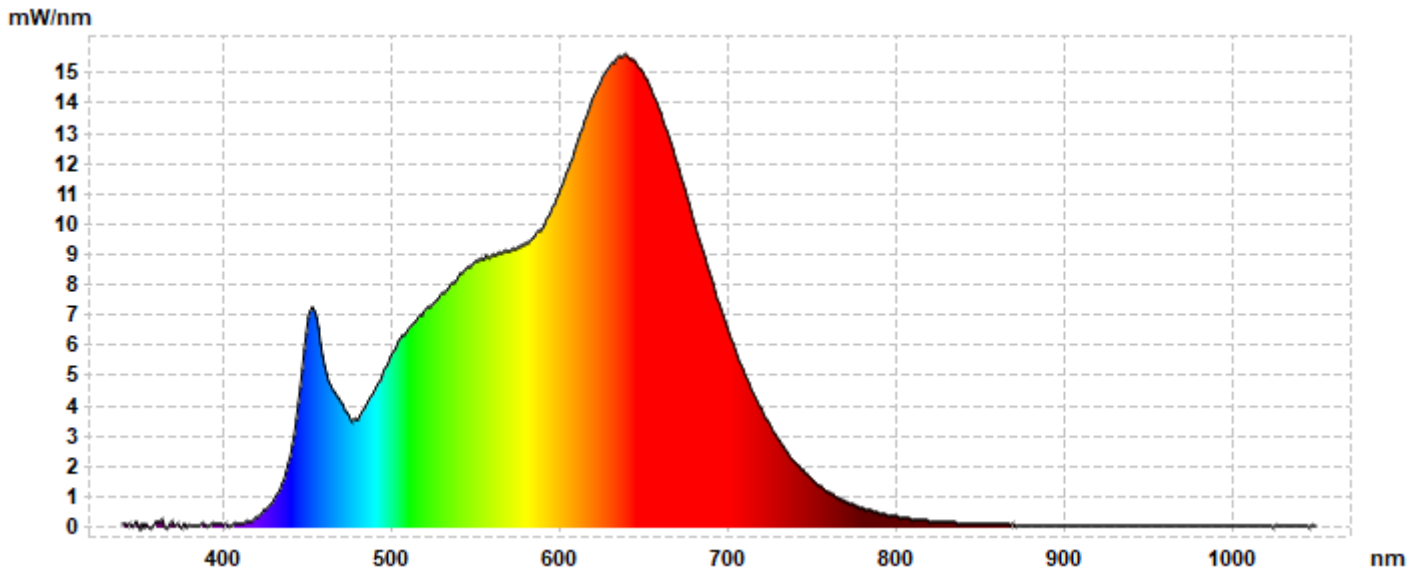
CIE 1931	
x	0,4378
y	0,3982
u'	0,2537
v'	0,5192
L	100,00
a	24,86
b	55,35
X	621,66
Z	232,93

CIE 1931



Measuring Report

Spectrum



Measurement name: DL-068-030 WD @wDim 100%
 Measurement time: 2019-06-18 12:46:22
 Report time: 2019-09-10 14:50:29
 Signal Level: 68.869
 Device: GLX10t 1104N041
 Item No: DL-068-030 - @100%
 Made by: AUTLED GmbH
 Note:

Results

Important Values	
CCT [K]	2959
Light Flux [lm]	661,89
Delta uv	-0,0020
Ansi Bin	7D2
Color Peak [nm]	640,75
Color Peak Value	15,62
Wavelength Domin. [nm]	583,7
Radiometric [W]	2,6131
Luminous Efficacy [lm/W]	66,4421
Power [W]	9.96188
Current [A]	0.047256
Voltage [V]	229.974
Frequency [Hz]	50
Power Factor	0.918
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	95,1
Rf	94
Rg	103
R1	93,6
R2	97,1
R3	95,9
R4	93,7
R5	94,4
R6	95,2
R7	98,2
R8	93,0
R9	85,6
R10	95,9
R11	90,7
R12	87,7
R13	94,1
R14	96,5

CIE 1931	
x	0,4369
y	0,3991
u'	0,2527
v'	0,5194
L	100,00
a	24,11
b	55,48
X	724,57
Z	271,92

CIE 1931

