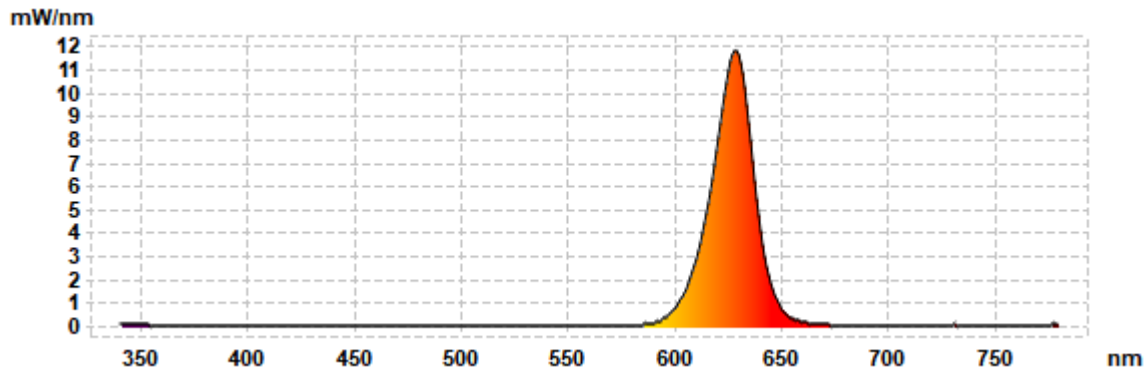


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2021-02-11T12:04:55  
 Measurement time: 2021-02-11 12:04:55  
 Report time: 2021-05-24 15:58:03  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT6333B DC ITECH  
 Ambient Temperature: 23.4 [C]

Client name: LED line®  
 Model name: Taśma 150 SMD5060 12V RGB  
 Item No: 240140  
 Serial No.: 00510  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
<b>x</b>	<b>0,6909</b>
<b>y</b>	<b>0,3060</b>
u'	0,5224
v'	0,5206
L	100,00
a	167,15
b	158,06
X	134,27
Y	59,47
Z	0,60

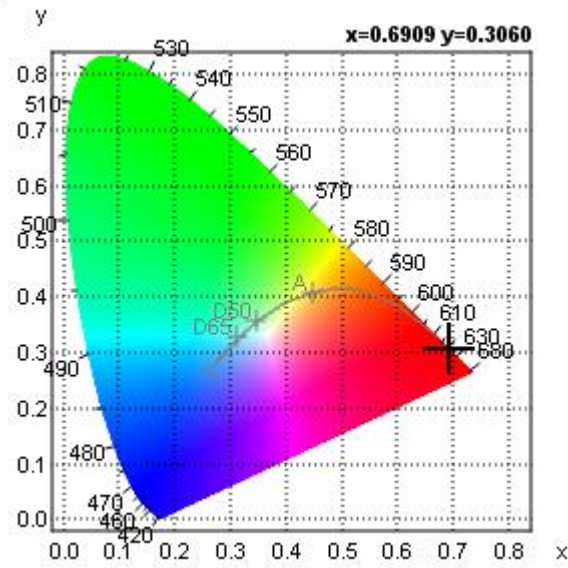
CIE 1964 10° observer	
x	0,6812
y	0,3157
u'	0,5022
v'	0,5237
L	100,00
a	157,67
b	158,30
X	134,96
Y	62,55
Z	0,61

Other	
<b>CCT [K]</b>	<b>-</b>
Chromaticity Error	0,294
Color Peak	629,23
Color Peak Value	11,83
Color Dominant	621,3
<b>Luminous Flux [lm]</b>	<b>59,47</b>
Purity	0,991
Radiometric	0,2851
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>25,2851 lm/W</b>
Power [W]	2,352
Current [A]	0.196
Voltage [V]	12
Duv	nan

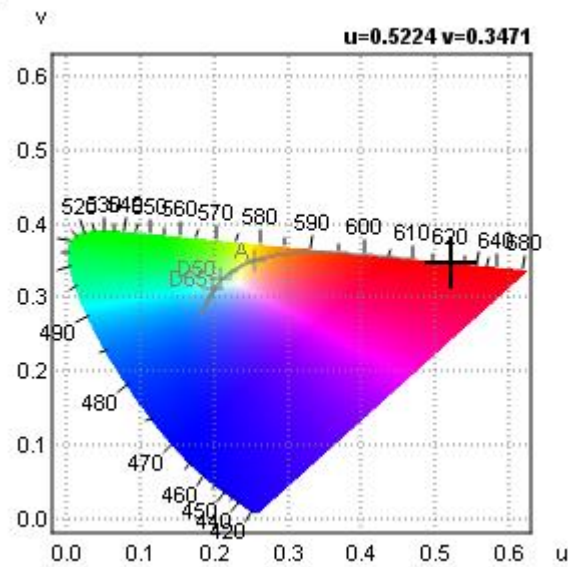
Rendering Indices	
<b>Ra</b>	<b>-22,0</b>
R1	-77,5
R2	0,4
R3	58,3
R4	-65,1
R5	-62,2
R6	-44,8
R7	43,2
R8	-27,9
R9	-100,0
R10	-74,8
R11	-100,0
R12	-69,3
R13	-72,5
R14	66,2

Metamerism Indices	
Mivis	4,7
Miuv	12,6

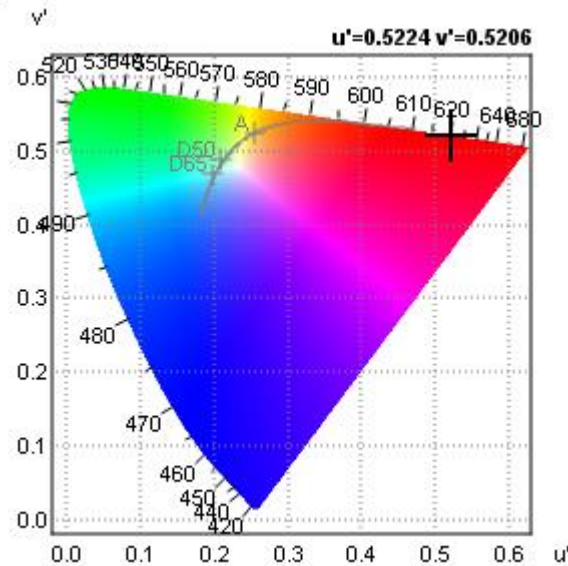
**CIE 1931**



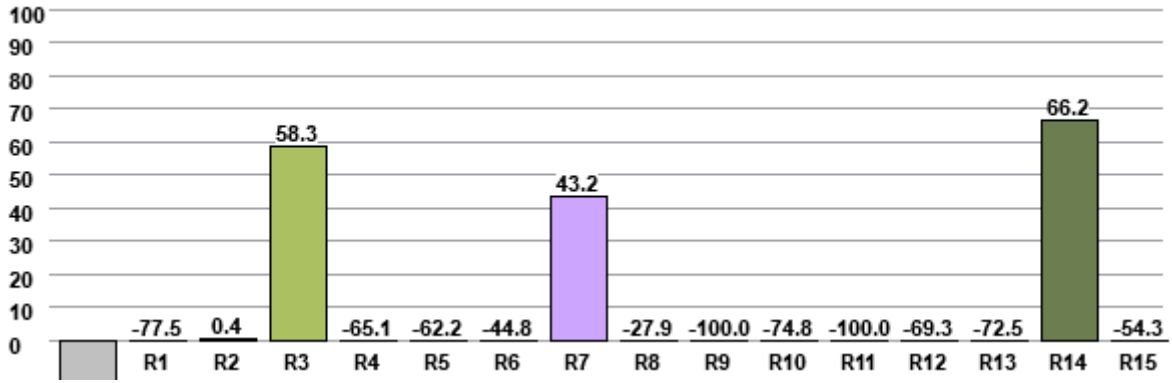
**CIE 1960**



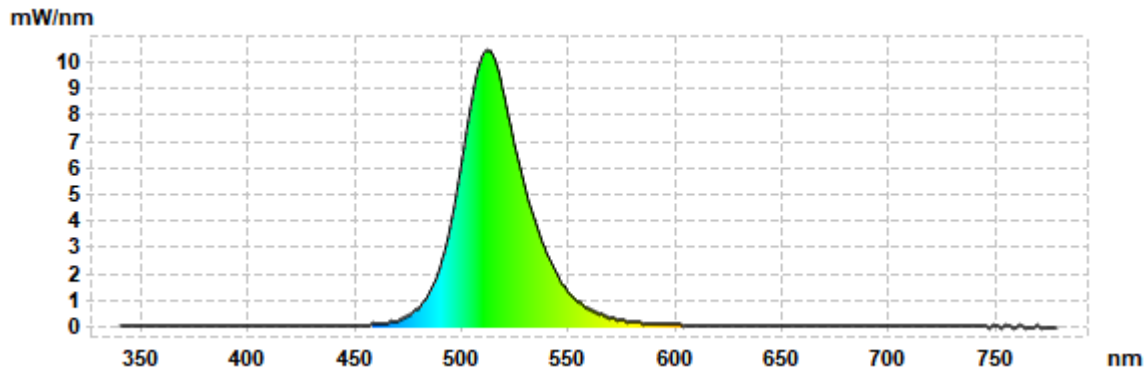
**CIE 1976**



CRI



GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2021-02-11T12:20:05  
 Measurement time: 2021-02-11 12:20:05  
 Report time: 2021-05-24 15:59:33  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT6333B DC ITECH  
 Ambient Temperature: 23.4 [C]

Client name: LED line®  
 Model name: Taśma 150 SMD5060 12V RGB  
 Item No: 240140  
 Serial No.: 00510  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,1224
y	0,6998
u'	0,0439
v'	0,5647
L	100,00
a	-215,63
b	76,86
X	28,15
Y	160,99
Z	40,91

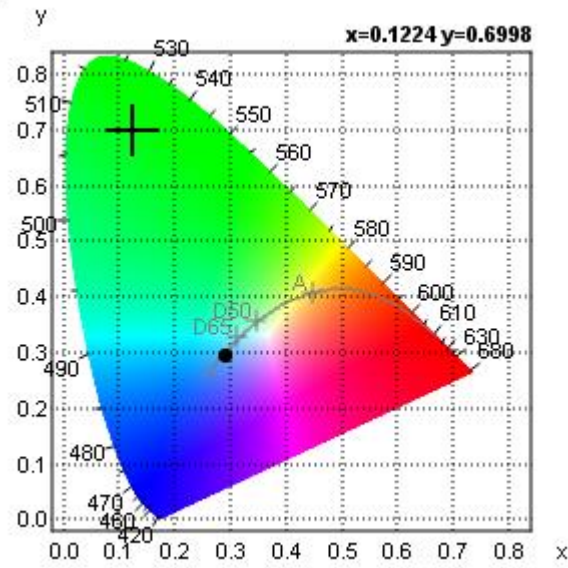
CIE 1964 10° observer	
x	0,1551
y	0,7132
u'	0,0552
v'	0,5707
L	100,00
a	-193,91
b	88,76
X	39,12
Y	179,86
Z	33,21

Other	
CCT [K]	-
Chromaticity Error	0,179
Color Peak	513,81
Color Peak Value	10,40
Color Dominant	516,8
<b>Luminous Flux [lm]</b>	<b>160,99</b>
Purity	0,747
Radiometric	0,3825
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>66,4166 lm/W</b>
Power [W]	2,424
Current [A]	0.202
Voltage [V]	12
Duv	0,1682

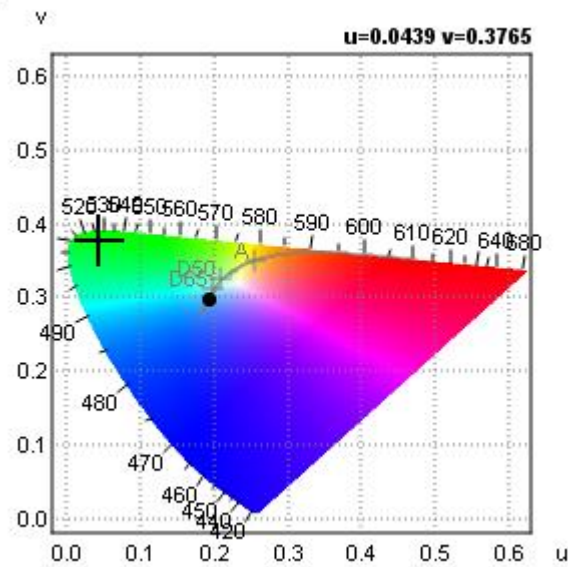
Rendering Indices	
<b>Ra</b>	<b>-25,7</b>
R1	-35,9
R2	-9,5
R3	-27,4
R4	-64,2
R5	-9,0
R6	-20,0
R7	-8,9
R8	-30,5
R9	-100,0
R10	-100,0
R11	-91,3
R12	-34,0
R13	-43,2
R14	36,3

Metamerism Indices	
Mivis	10,1
Miuv	1,4

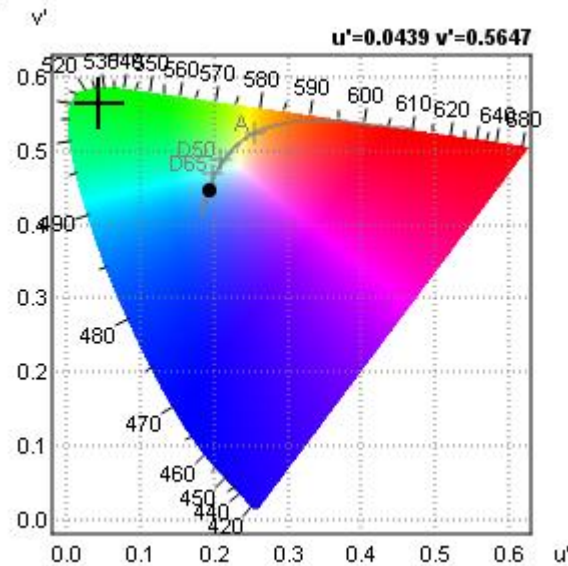
**CIE 1931**



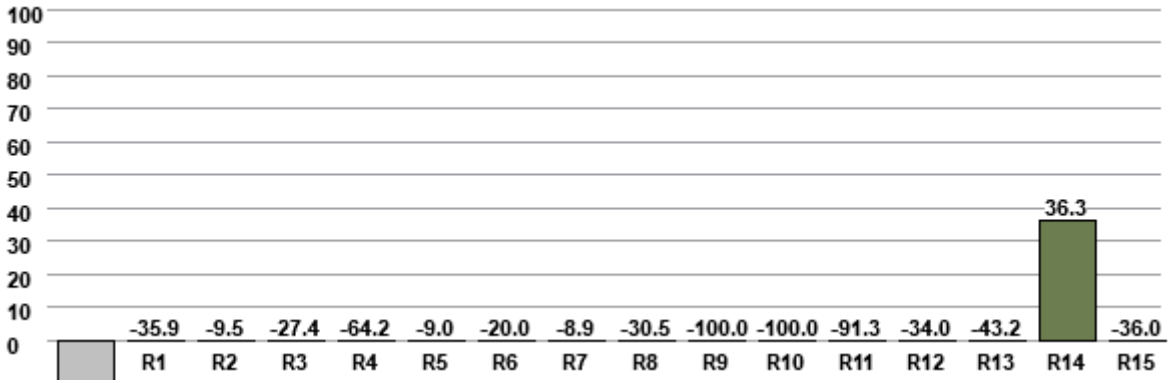
**CIE 1960**



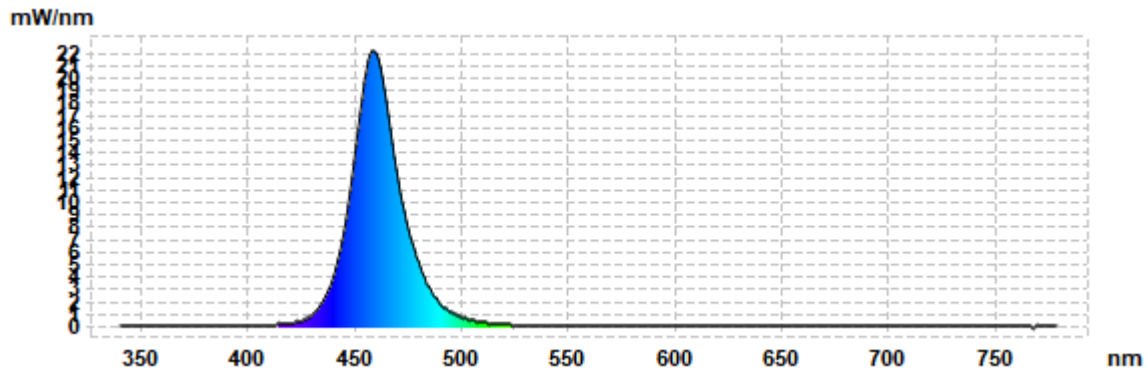
**CIE 1976**



**CRI**



GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2021-02-11T12:35:14	Client name: LED line®
Measurement time: 2021-02-11 12:35:14	Model name: Taśma 150 SMD5060 12V RGB
Report time: 2021-05-24 16:00:11	Item No: 240140
Device: GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.: 00510
Power: IT6333B DC ITECH	Made by: Radosław Kośnik
Ambient Temperature: 23.4 [C]	

**Results**

CIE 1931 2° observer	
<b>x</b>	<b>0,1411</b>
<b>y</b>	<b>0,0443</b>
u'	0,1737
v'	0,1227
L	100,00
a	248,28
b	-313,20
X	104,87
Y	32,92
Z	605,59

CIE 1964 10° observer	
x	0,1349
y	0,0779
u'	0,1472
v'	0,1914
L	100,00
a	111,06
b	-222,25
X	110,14
Y	63,64
Z	642,68

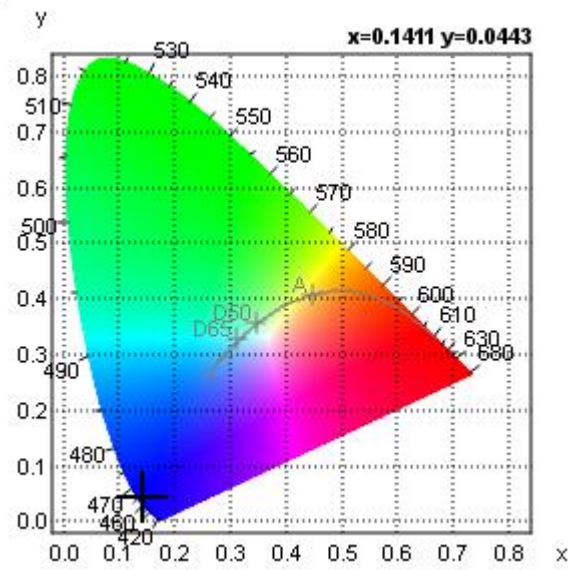
Other	
<b>CCT [K]</b>	<b>-</b>
Chromaticity Error	0,304
Color Peak	459,58
Color Peak Value	22,28
Color Dominant	464,2
<b>Luminous Flux [lm]</b>	<b>32,92</b>
Purity	0,979
Radiometric	0,6054
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>14,7486 lm/W</b>
Power [W]	2,232
Current [A]	0,186
Voltage [V]	12
Duv	0,1925

Rendering Indices	
<b>Ra</b>	<b>-57,0</b>
R1	-62,9
R2	-8,0
R3	-81,5
R4	-100,0
R5	-46,0
R6	-46,8
R7	-27,0
R8	-83,6
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-50,9
R14	-1,2

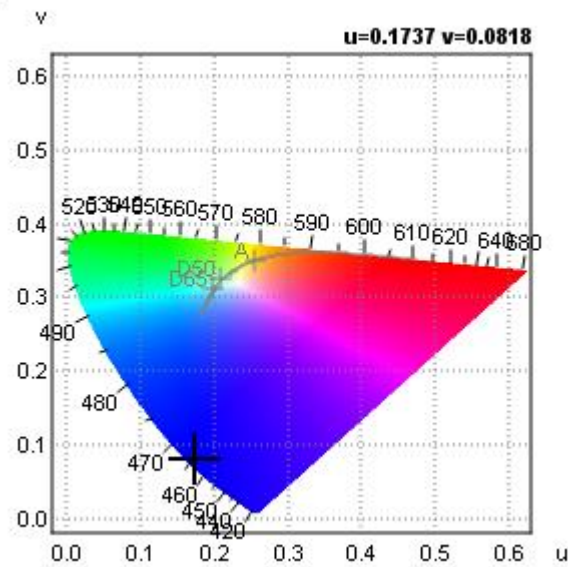
Metamerism Indices	
Mivis	9,3
Miuv	5,7



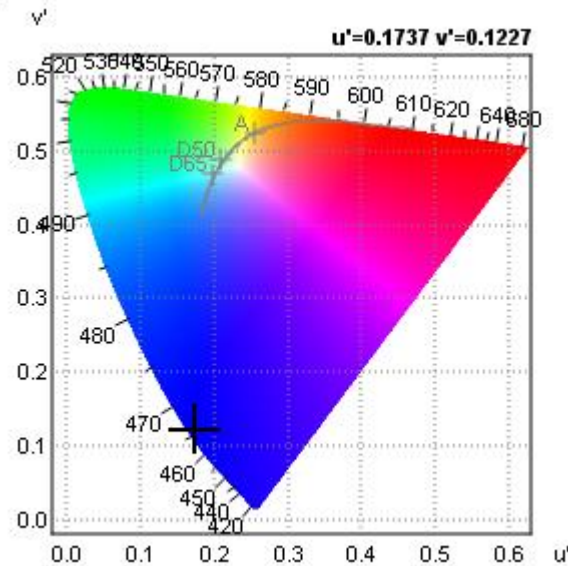
**CIE 1931**



**CIE 1960**



**CIE 1976**





CRI

