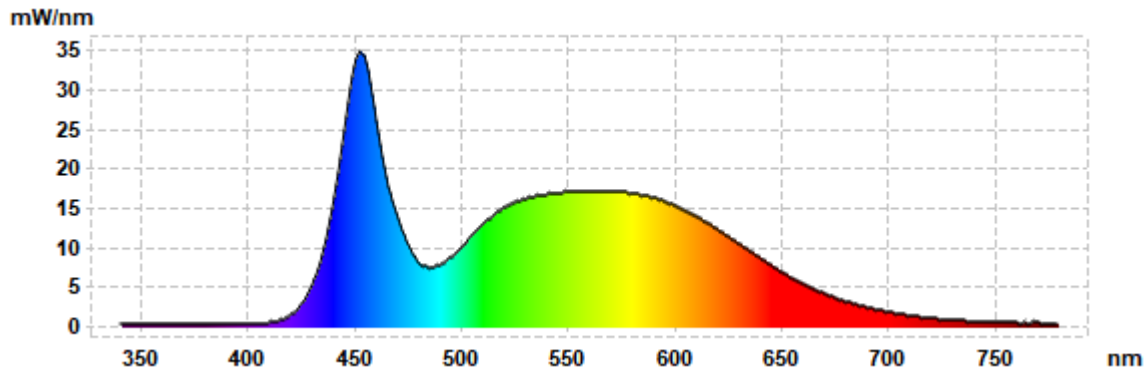


GL SpectroSoft Report  
Lighting Research & Measurement Center  
**Spectrum**



Measurement name: 2020-08-21T11:33:50  
 Measurement time: 2020-08-21 11:33:50  
 Report time: 2020-11-20 13:46:51  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT6333B DC ITECH  
 Ambient Temperature: 27 [C]

Client name: LED line®  
 Model name: Taśma 700 SMD2835 24V 1600K-6500K  
 DTW  
 Item No: 470751  
 Serial No.: 19806  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3187
y	0,3299
u'	0,2016
v'	0,4697
L	100,00
a	2,68
b	1,47
X	1062,90
Y	1100,50
Z	1172,08

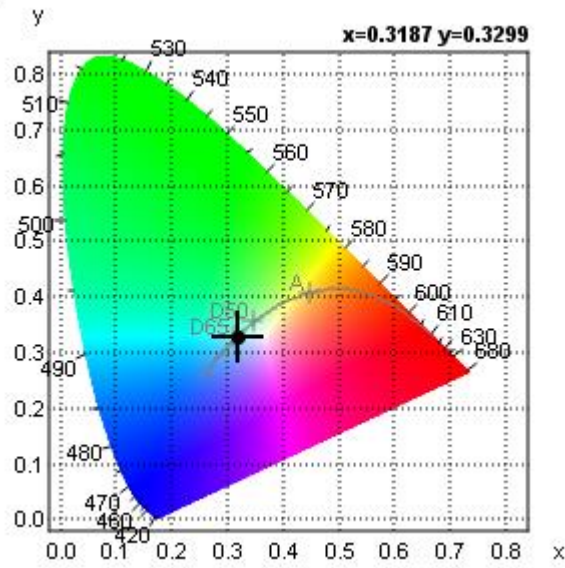
CIE 1964 10° observer	
x	0,3238
y	0,3295
u'	0,2054
v'	0,4702
L	100,00
a	6,02
b	1,30
X	1167,83
Y	1188,30
Z	1250,39

Other	
<b>CCT [K]</b>	<b>6185</b>
Chromaticity Error	0,006
Color Peak	452,91
Color Peak Value	34,92
Color Dominant	488,7
<b>Luminous Flux [lm]</b>	<b>1127,21</b>
Purity	
Radiometric	3,5601
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>97,2399 lm/W</b>
Power [W]	11,592
Current [A]	0.483
Voltage [V]	24
Duv	0,0007

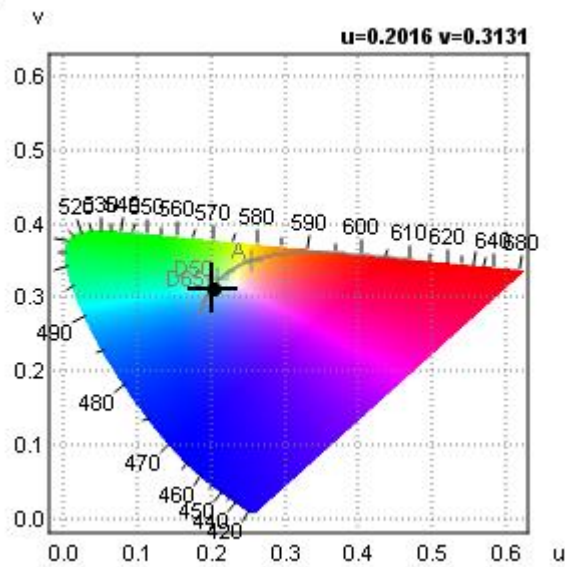
Rendering Indices	
<b>Ra</b>	<b>82,7</b>
R1	81,8
R2	87,8
R3	89,3
R4	82,1
R5	81,4
R6	80,8
R7	88,0
R8	70,6
R9	11,1
R10	68,4
R11	80,2
R12	54,8
R13	83,7
R14	94,1

Metamerism Indices	
Mivis	2,1
Miuv	5,5

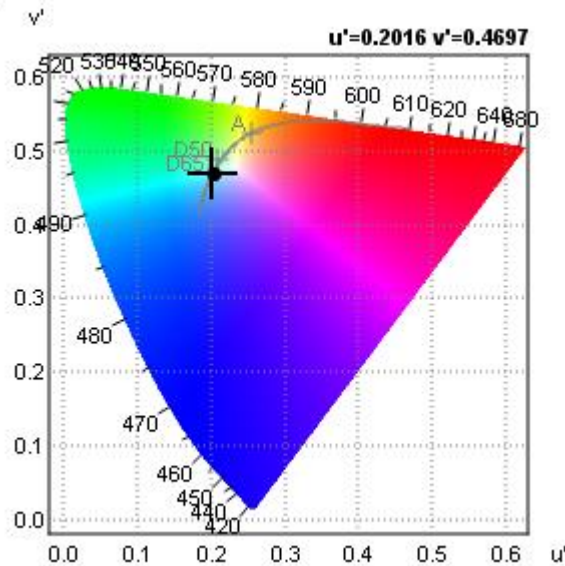
**CIE 1931**



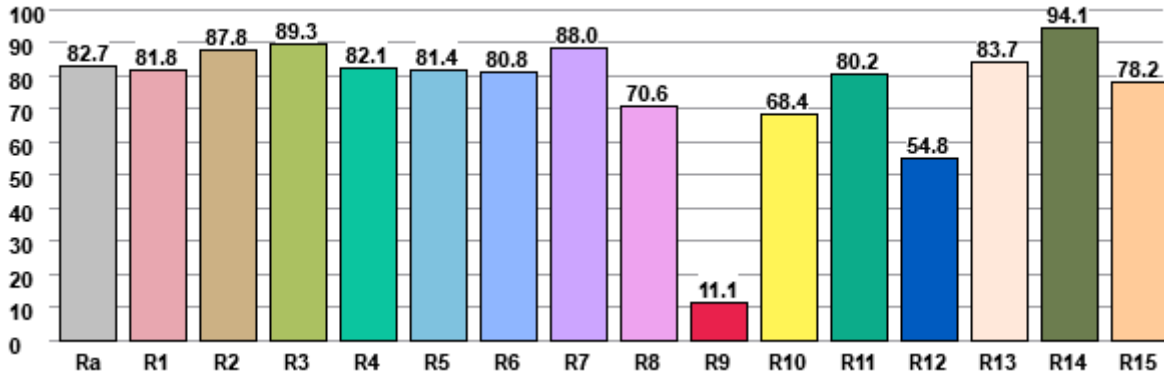
**CIE 1960**



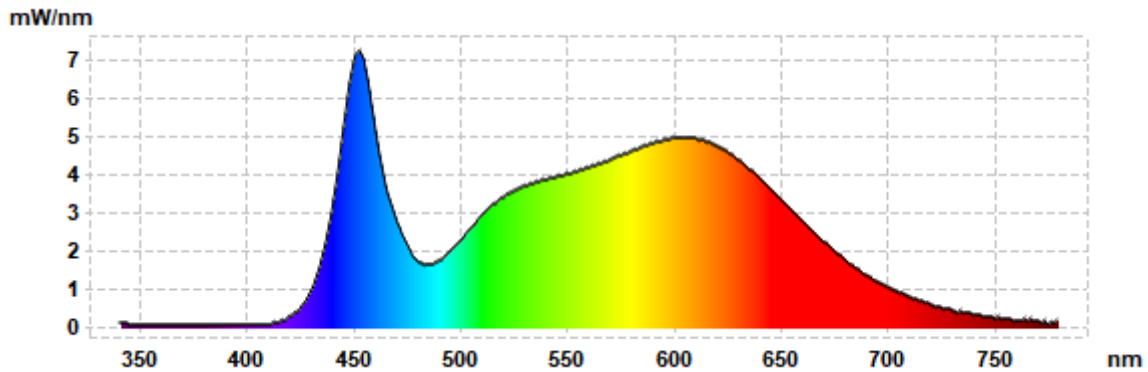
**CIE 1976**



CRI



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



Measurement name:	2020-08-21T09:47:44	Client name:	LED line®
Measurement time:	2020-08-21 09:47:44	Model name:	Taśma 700 SMD2835 24V 1600K-6500K
Report time:	2020-11-20 13:47:19		DTW
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	470751
Power:	IT6333B DC ITECH	Serial No.:	19806
Ambient Temperature:	27.8 [C]	Made by:	Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,3672
y	0,3469
u'	0,2285
v'	0,4857
L	100,00
a	18,27
b	17,73
X	308,16
Y	291,13
Z	239,92

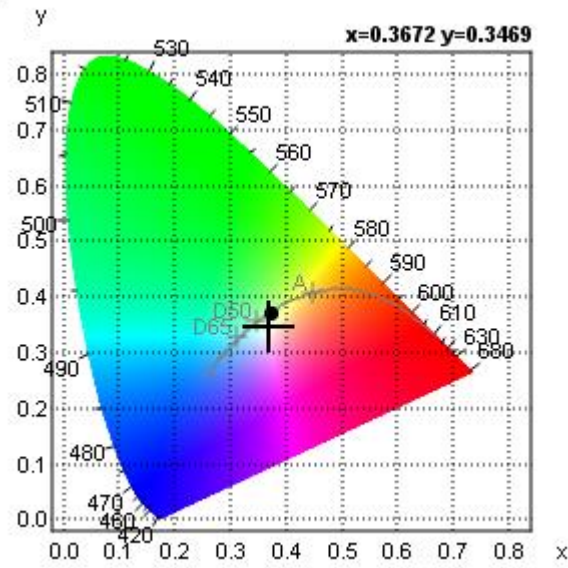
CIE 1964 10° observer	
x	0,3708
y	0,3456
u'	0,2315
v'	0,4856
L	100,00
a	21,03
b	17,09
X	333,92
Y	311,25
Z	255,48

Other	
<b>CCT [K]</b>	<b>4171</b>
Chromaticity Error	0,015
Color Peak	452,91
Color Peak Value	7,23
Color Dominant	589,3
<b>Luminous Flux [lm]</b>	<b>291,13</b>
Purity	
Radiometric	0,9914
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>84,2384 lm/W</b>
Power [W]	3,456
Current [A]	0,144
Voltage [V]	24
Duv	0,0106

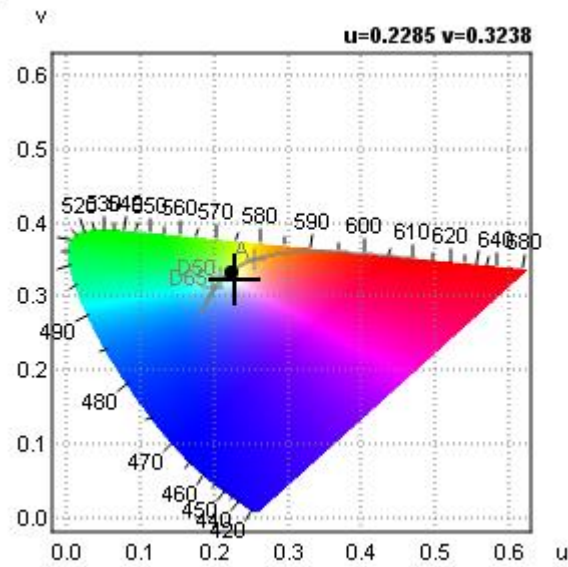
Rendering Indices	
<b>Ra</b>	<b>91,0</b>
R1	93,2
R2	95,4
R3	93,8
R4	90,6
R5	92,2
R6	89,9
R7	90,3
R8	82,9
R9	58,9
R10	87,0
R11	89,7
R12	69,4
R13	94,4
R14	96,1

Metamerism Indices	
Mivis	1,7
Miuv	4,1

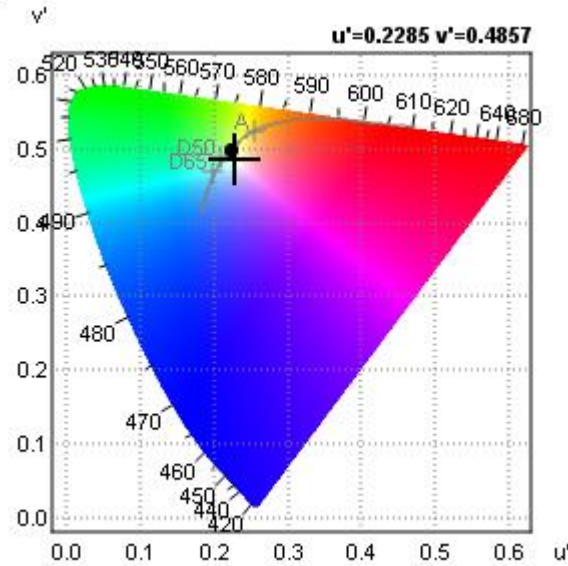
**CIE 1931**



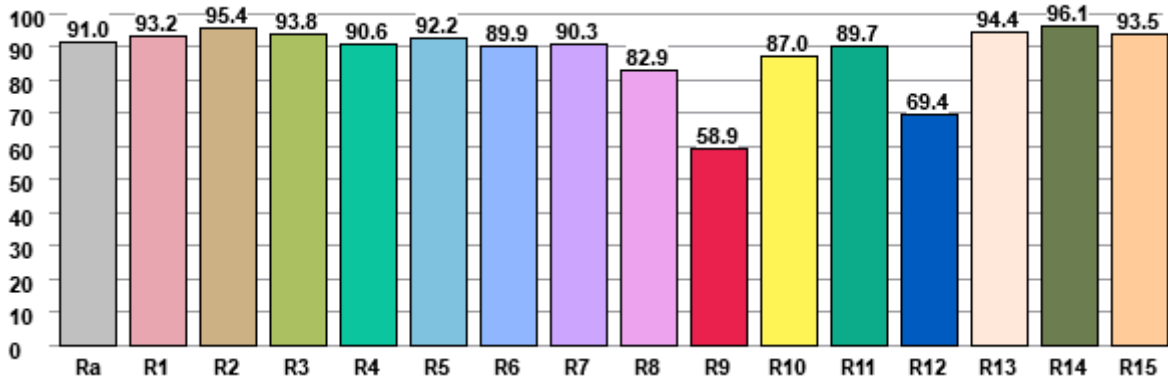
**CIE 1960**



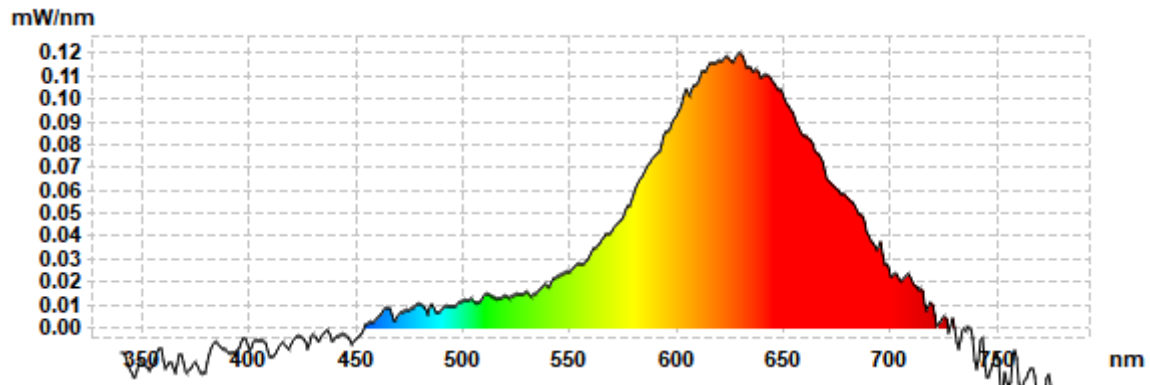
**CIE 1976**



CRI



GL SpectroSoft Report  
Lighting Research & Measurement Center  
Spectrum



Measurement name: 2020-08-21T09:01:58  
 Measurement time: 2020-08-21 09:01:58  
 Report time: 2020-11-20 13:47:49  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power: IT6333B DC ITECH  
 Ambient Temperature: 28.1 [C]

Client name: LED line®  
 Model name: Taśma 700 SMD2835 24V 1600K-6500K  
 DTW  
 Item No: 470751  
 Serial No.: 19806  
 Made by: Radosław Kośnik

**Results**

CIE 1931 2° observer	
x	0,5850
y	0,4126
u'	0,3450
v'	0,5476
L	100,00
a	71,29
b	165,12
X	4,62
Y	3,26
Z	0,02

CIE 1964 10° observer	
x	0,5880
y	0,4120
u'	0,3475
v'	0,5479
L	100,00
a	73,01
b	nan
X	4,82
Y	3,38
Z	0,00

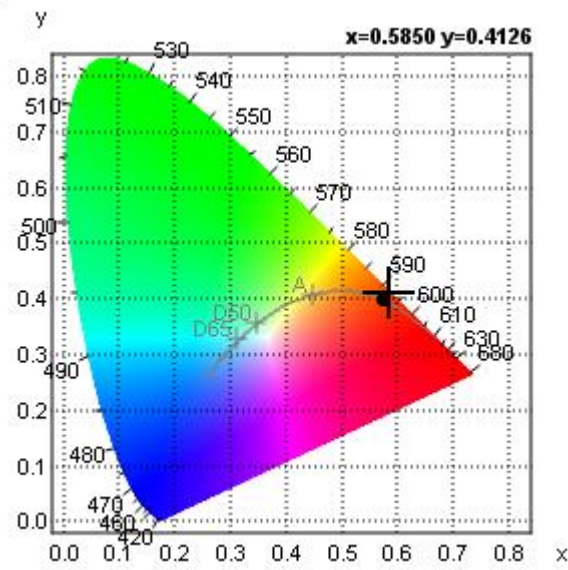
Other	
CCT [K]	1601
Chromaticity Error	0,008
Color Peak	631,08
Color Peak Value	0,12
Color Dominant	591,9
<b>Luminous Flux [lm]</b>	<b>3,26</b>
Purity	
Radiometric	0,0105
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>11,3178 lm/W</b>
Power [W]	0,288
Current [A]	0.012
Voltage [V]	24
Duv	0,0045

Rendering Indices	
<b>Ra</b>	<b>48,4</b>
R1	79,2
R2	72,2
R3	58,7
R4	3,7
R5	55,3
R6	77,8
R7	9,1
R8	30,8
R9	14,1
R10	54,0
R11	8,9
R12	-16,5
R13	72,4
R14	78,0

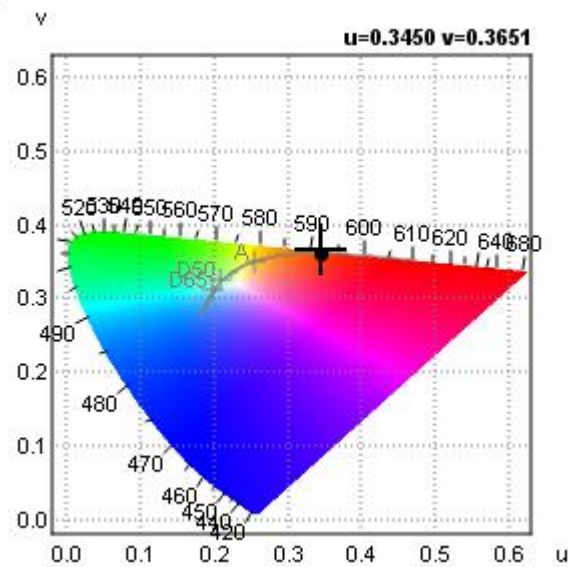
Metamerism Indices	
Mivis	nan
Miuv	54,7



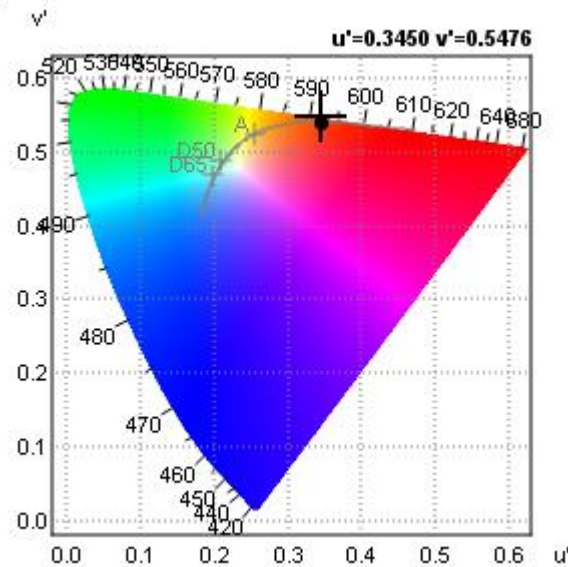
**CIE 1931**



**CIE 1960**



**CIE 1976**





CRI

