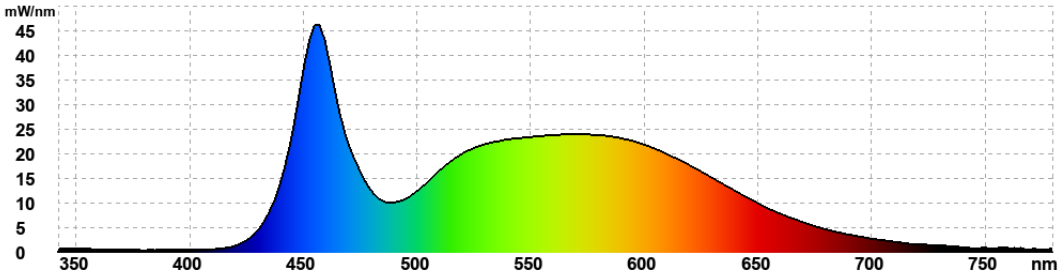
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B2006_D_20210430_R_S*	Client name:	*LED line®*
Measurement time:	*2021-04-30 10:53:48*	Model name:	*Taśma 600 SMD2835 24V 6000K 14,4W*
Report time:	*2021-05-14*	Item No:	*476876*
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	*06501*
Power:	*IT6333B DC ITECH*	Made by:	*Radosław Kośnik*
Ambient Temperature:	*25.7 [C]*		

Results

CIE 1931 2˚observer	
x	**0.3263**
y	**0.3398**
u'	0.2031
v'	0.4760
L	100.00
a	1.70
b	6.75
X	1456.18
Y	1516.50
Z	1489.67

CIE 1964 10˚observer	
x	0.3323
y	0.3401
u'	0.2071
v'	0.4770
L	100.00
a	5.02
b	7.06
X	1597.09
Y	1634.76
Z	1575.00

Other	
CCT	**5779 [K]**
Chromaticity Error	0.004
Color Peak	455.14 [nm]
Color Peak Value	46.00 [mW/nm]
Color Dominant	504.4 [nm]
Luminous Flux	**1516.50 [lm]**
Purity	0.021
Radiometric	4.8131 [W]
λ/2	24.37
Binning	
Luminous Efficacy	**106.92 [lm/W]**
Power	14.184 [W]
Power Factor	0
Current	0.591 [A]
Voltage	24 [V]
Duv	0.0021

Metamerism Indices	
Mivis	2.4
Miuv	4.6

Rendering Indices	
Ra	**82.1**
R1	80.7
R2	89.0
R3	91.6
R4	79.0
R5	79.8
R6	82.0
R7	86.8
R8	67.4
R9	6.2
R10	71.0
R11	76.6
R12	53.1
R13	83.5
R14	95.6

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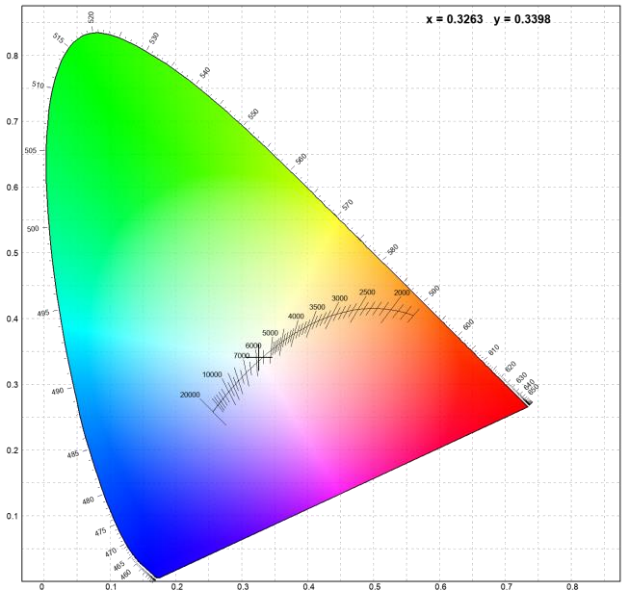
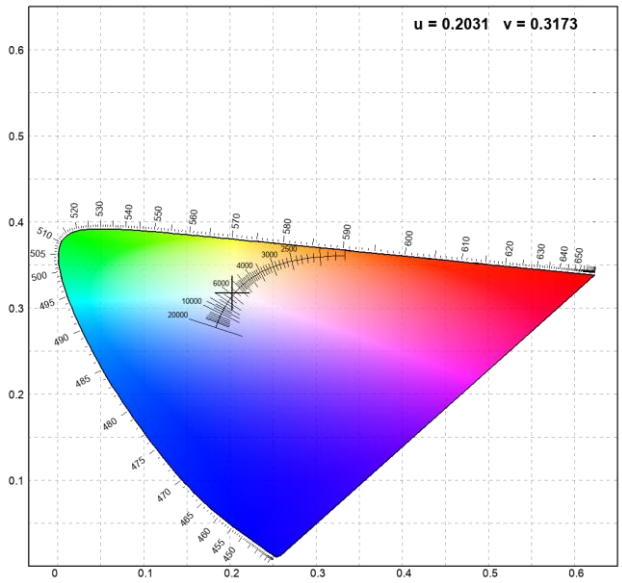
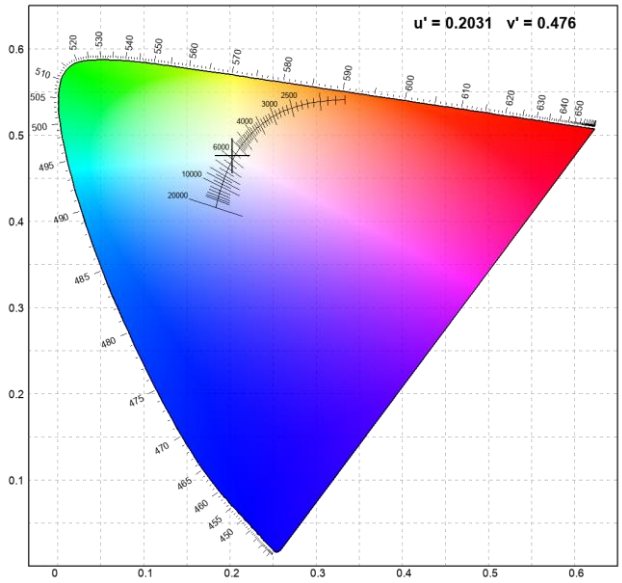
CIE 1931



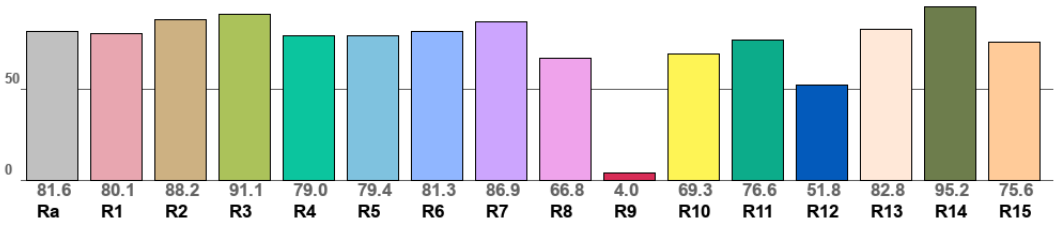
CIE 1960



CIE 1976



CRI


50
0
81.6 Ra
80.1 R1
88.2 R2
91.1 R3
79.0 R4
79.4 R5
81.3 R6
86.9 R7
66.8 R8
4.0 R9
69.3 R10
76.6 R11
51.8 R12
82.8 R13
95.2 R14
75.6 R15