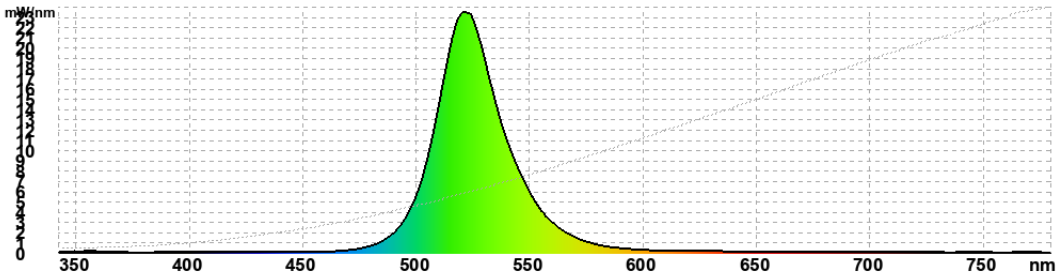
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6246_D_20260811_R_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-08-11 14:24:07*	Model name:	*Taśma LED 784 COB 24V RGBW 4000K 21W IP66 DIGITAL SPI WS2814 10mm 5m 350lm/m*
Report time:	*2026-08-18*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228863*
Power source:	*IT6333B DC ITECH*	Serial No.:	*06904*
Ambient Temperature:	*25.9 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.1747**
y	**0.7287**
u'	0.0613
v'	0.5755
L	100.00
a	-184.10
b	100.87
X	529.57
Y	2209.35
Z	292.91

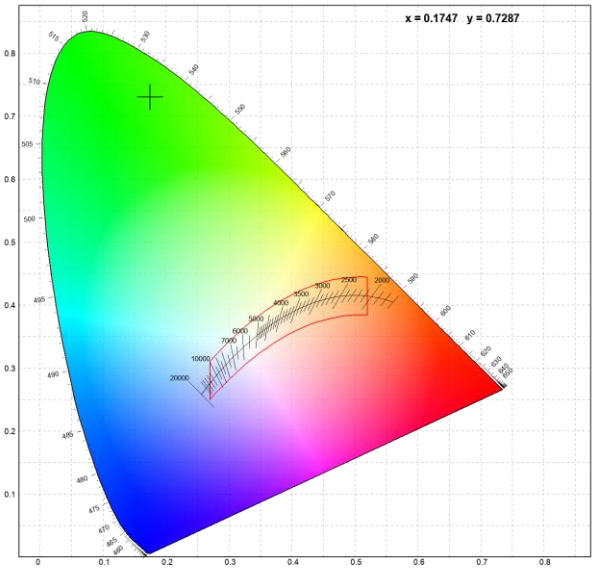
CIE 1964 10˚observer	
x	0.2146
y	0.7148
u'	0.0770
v'	0.5771
L	100.00
a	-159.22
b	109.70
X	705.55
Y	2350.60
Z	232.17

Other	
CCT [K]	**7724**
Chromaticity Error	0.165
Color Peak	520.15
Color Peak Value	116.88
Color Dominant	528.2
Luminous Flux [lm]	**2209.35**
Purity	0.823
Radiometric	4.4533
PAR	
PPFD	
Luminous Efficacy	**78.15 lm/W**
Power [W]	28.272
Power Factor	
Current [A]	1.178
Voltage [V]	24
Duv	0.1566

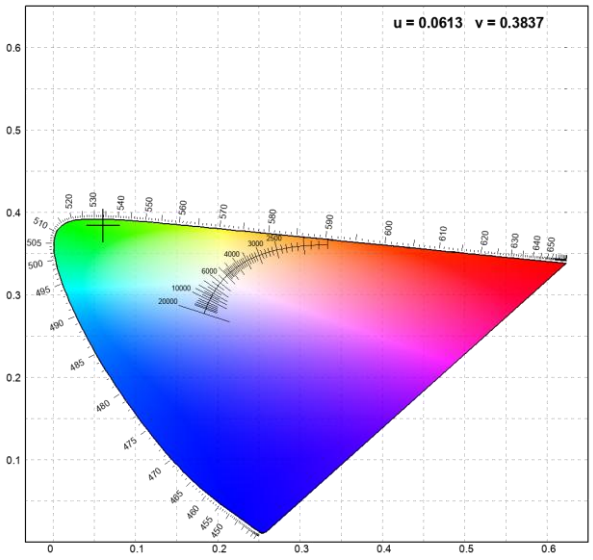
Rendering Indices	
Ra	**-23.5**
R1	-34.8
R2	-8.3
R3	-20.6
R4	-62.8
R5	-9.5
R6	-15.7
R7	-5.3
R8	-31.3
R9	-100.0
R10	-100.0
R11	-92.8
R12	-32.3
R13	-40.4
R14	39.8

Metamerism Indices	
Mivis	7.7
Miuv	0.8

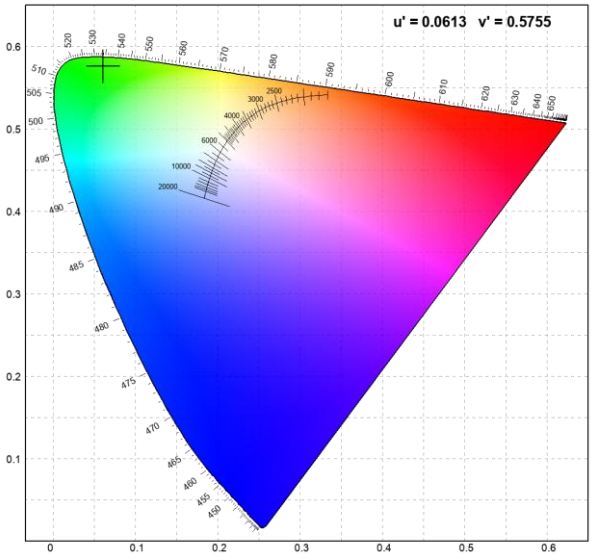
CIE 1931



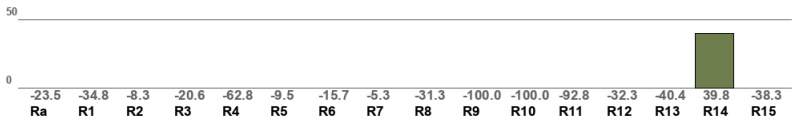
CIE 1960



CIE 1976



CRI


50
0
-23.5 Ra
-34.8 R1
-8.3 R2
-20.6 R3
-62.8 R4
-9.5 R5
-15.7 R6
-5.3 R7
-31.3 R8
-100.0 R9
-100.0 R10
-92.8 R11
-32.3 R12
-40.4 R13
39.8 R14
-38.3 R15