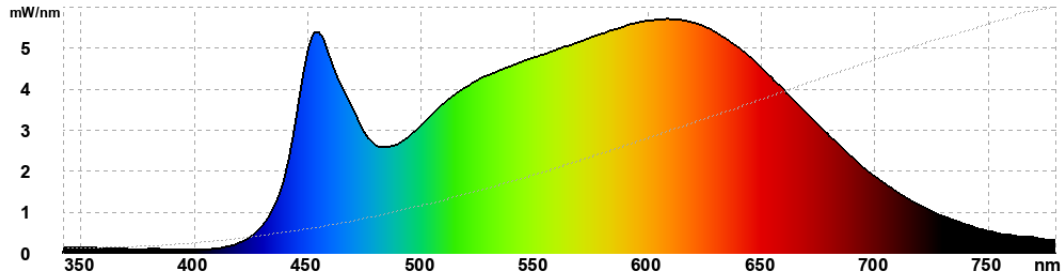
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6246_D_20260811_R_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-08-11 14:26:17*	Model name:	*Taśma LED 784 COB 24V RGBW 4000K*
Report time:	*2026-08-18*		*21W IP66 DIGITAL SPI WS2814 10mm 5m 350lm/m*
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228863*
Power source:	*IT6333B DC ITECH*	Serial No.:	*06904*
Ambient Temperature:	*26 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3864**
y	**0.3813**
u'	0.2272
v'	0.5045
L	100.00
a	10.80
b	35.20
X	1673.62
Y	1651.47
Z	1006.04

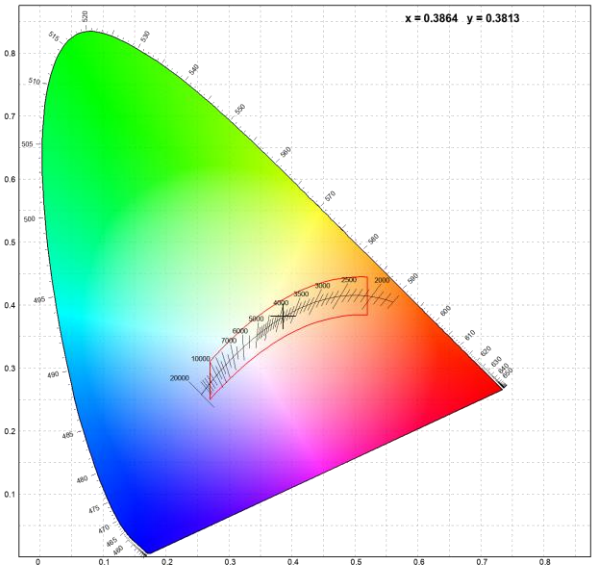
CIE 1964 10˚observer	
x	0.3917
y	0.3813
u'	0.2307
v'	0.5052
L	100.00
a	13.57
b	35.64
X	1810.15
Y	1761.89
Z	1049.28

Other	
CCT [K]	**3876**
Chromaticity Error	0.001
Color Peak	608.55
Color Peak Value	27.17
Color Dominant	579.3
Luminous Flux [lm]	**1651.47**
Purity	0.304
Radiometric	5.6760
PAR	
PPFD	
Luminous Efficacy	**58.91 lm/W**
Power [W]	28.032
Power Factor	
Current [A]	1.168
Voltage [V]	24
Duv	0.0004

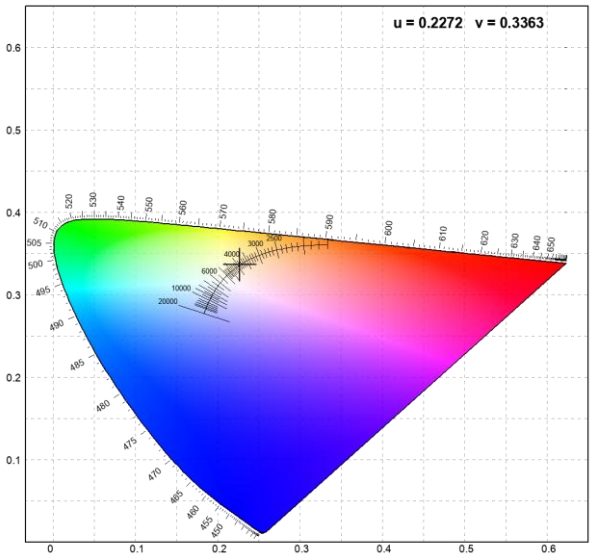
Rendering Indices	
Ra	**92.1**
R1	92.2
R2	96.6
R3	98.0
R4	90.1
R5	91.0
R6	93.6
R7	92.3
R8	83.0
R9	59.7
R10	90.2
R11	90.1
R12	71.9
R13	93.7
R14	99.0

Metamerism Indices	
Mivis	2.0
Miuv	3.5

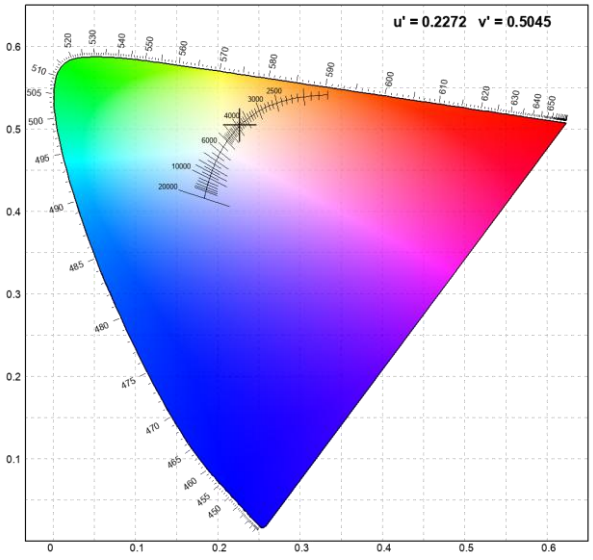
CIE 1931



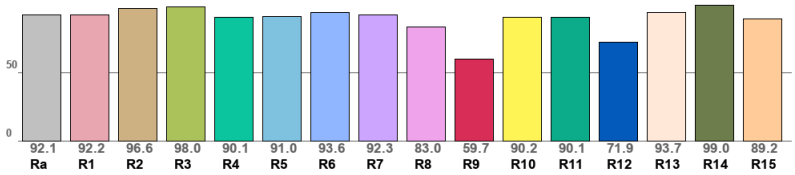
CIE 1960



CIE 1976



CRI


50
0
92.1 Ra
92.2 R1
96.6 R2
98.0 R3
90.1 R4
91.0 R5
93.6 R6
92.3 R7
83.0 R8
59.7 R9
90.2 R10
90.1 R11
71.9 R12
93.7 R13
99.0 R14
89.2 R15