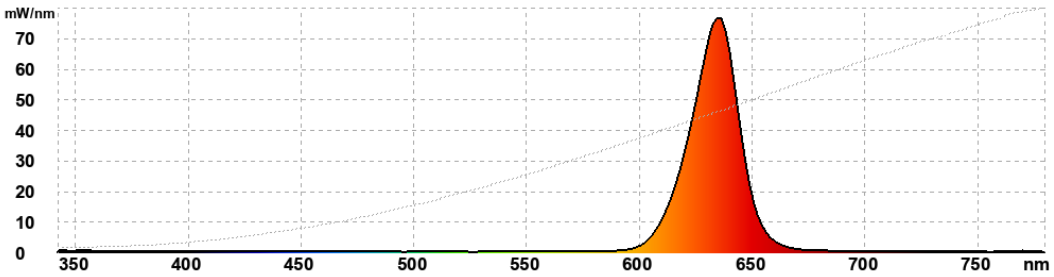
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6246_D_20260811_R_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-08-11 14:23:35*	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:	*25.8 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.6973**
y	**0.2982**
u'	0.5381
v'	0.5177
L	100.00
a	174.99
b	152.05
X	811.05
Y	346.84
Z	5.20

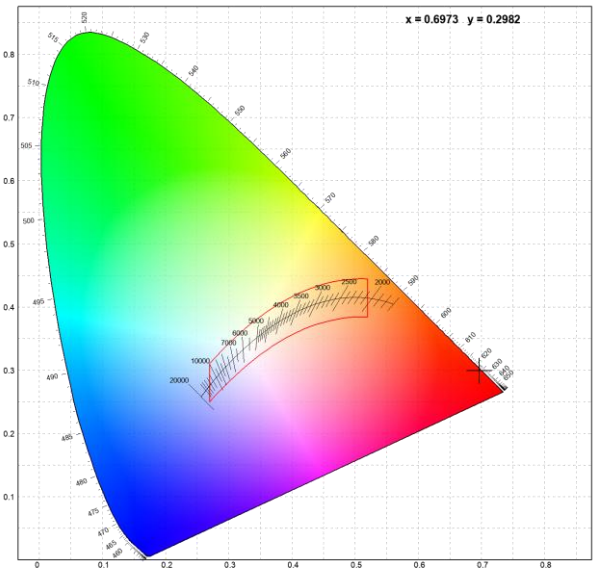
CIE 1964 10˚observer	
x	0.6862
y	0.3091
u'	0.5143
v'	0.5213
L	100.00
a	163.95
b	151.70
X	807.11
Y	363.57
Z	5.49

Other	
CCT [K]	
Chromaticity Error	0.305
Color Peak	634.76
Color Peak Value	76.48
Color Dominant	626.0
Luminous Flux [lm]	**346.84**
Purity	0.987
Radiometric	2.0529
PAR	
PPFD	
Luminous Efficacy	**12.67 lm/W**
Power [W]	27.384
Power Factor	
Current [A]	1.141
Voltage [V]	24
Duv	nan

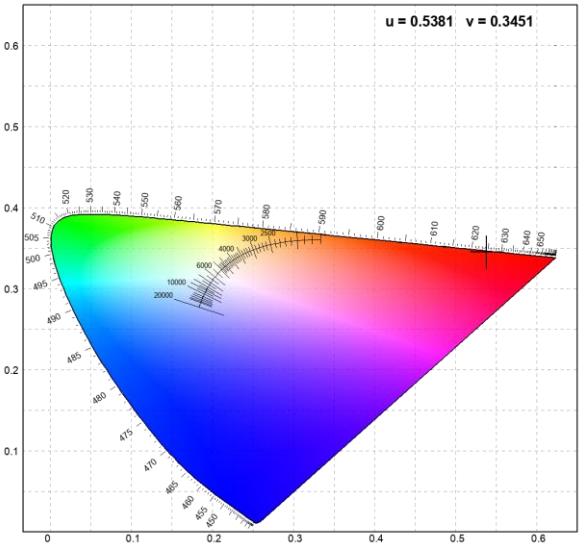
Rendering Indices	
Ra	**-18.6**
R1	-68.9
R2	4.4
R3	53.2
R4	-48.7
R5	-51.7
R6	-40.4
R7	38.3
R8	-34.9
R9	-100.0
R10	-66.7
R11	-100.0
R12	-61.5
R13	-64.0
R14	66.3

Metamerism Indices	
Mivis	7.2
Miuv	24.2

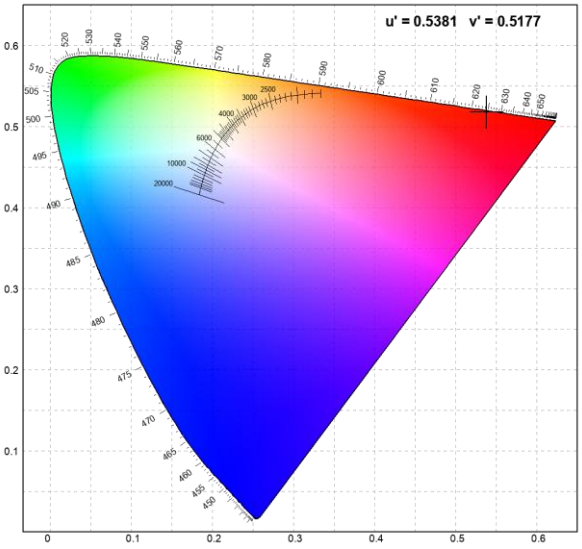
CIE 1931



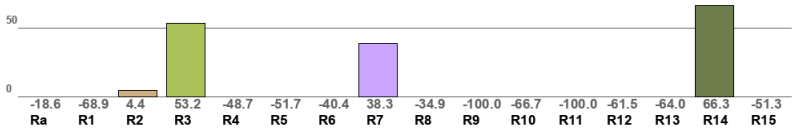
CIE 1960



CIE 1976



CRI


50
0
-18.6 Ra
-68.9 R1
4.4 R2
53.2 R3
-48.7 R4
-51.7 R5
-40.4 R6
38.3 R7
-34.9 R8
-100.0 R9
-66.7 R10
-100.0 R11
-61.5 R12
-64.0 R13
66.3 R14
-51.3 R15