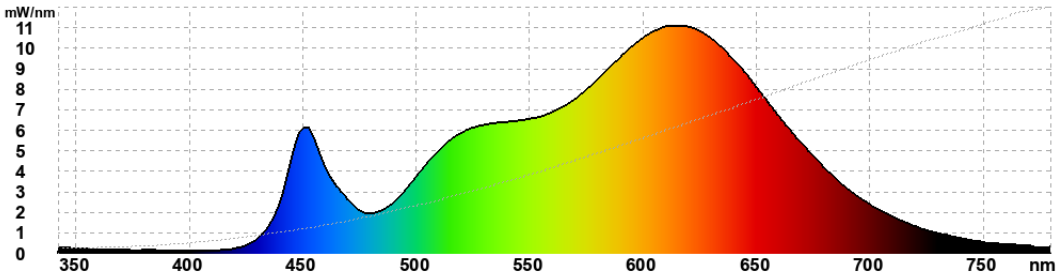
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6493_D_20261007_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-07 12:33:39*	Model name:	*Taśma LED 320 COB 24V 3000K 5W IP20 8mm 5m 475lm/m LITE*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*230934*
Power source:	*IT6333B DC ITECH*	Serial No.:	*12005*
Ambient Temperature:	*23 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.4365**
y	**0.4002**
u'	0.2520
v'	0.5198
L	100.00
a	23.48
b	55.78
X	581.25
Y	532.89
Z	217.57

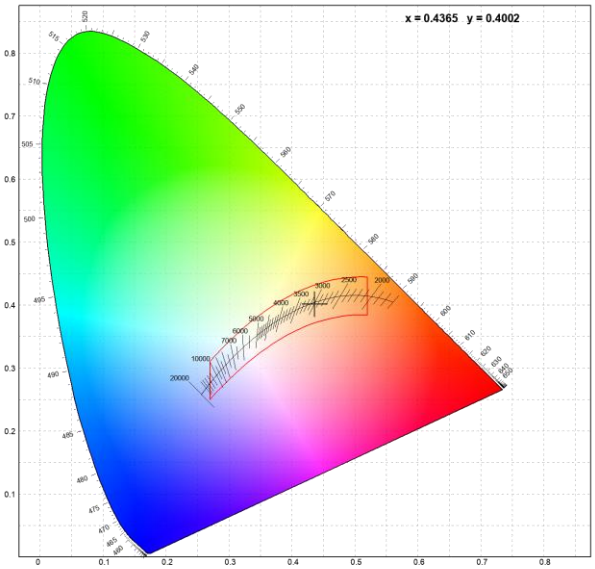
CIE 1964 10˚observer	
x	0.4417
y	0.3971
u'	0.2568
v'	0.5193
L	100.00
a	27.36
b	55.37
X	624.23
Y	561.15
Z	227.71

Other	
CCT [K]	**2975**
Chromaticity Error	0.003
Color Peak	614.25
Color Peak Value	11.06
Color Dominant	583.5
Luminous Flux [lm]	**532.89**
Purity	0.511
Radiometric	1.7505
PAR	
PPFD	
Luminous Efficacy	**107.2645 lm/W**
Power [W]	4.968
Power Factor	-
Current [A]	0.207
Voltage [V]	24
Duv	0.0015

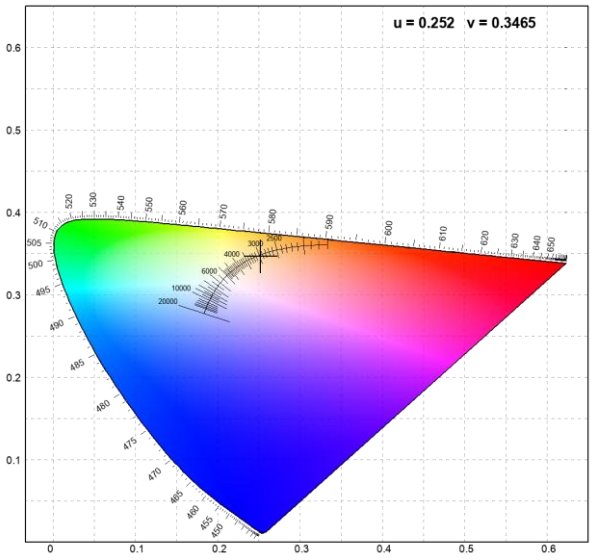
Rendering Indices	
Ra	**92.2**
R1	93.4
R2	96.2
R3	97.8
R4	93.8
R5	93.4
R6	95.7
R7	90.0
R8	77.6
R9	49.0
R10	90.5
R11	95.4
R12	81.3
R13	94.5
R14	98.2

Metamerism Indices	
Mivis	2.0
Miuv	3.6

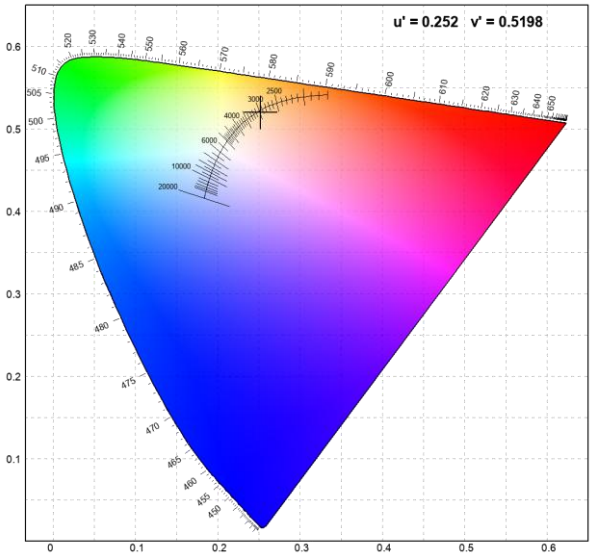
CIE 1931



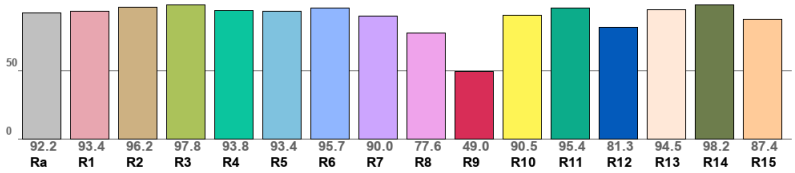
CIE 1960



CIE 1976



CRI


50
0
92.2 Ra
93.4 R1
96.2 R2
97.8 R3
93.8 R4
93.4 R5
95.7 R6
90.0 R7
77.6 R8
49.0 R9
90.5 R10
95.4 R11
81.3 R12
94.5 R13
98.2 R14
87.4 R15