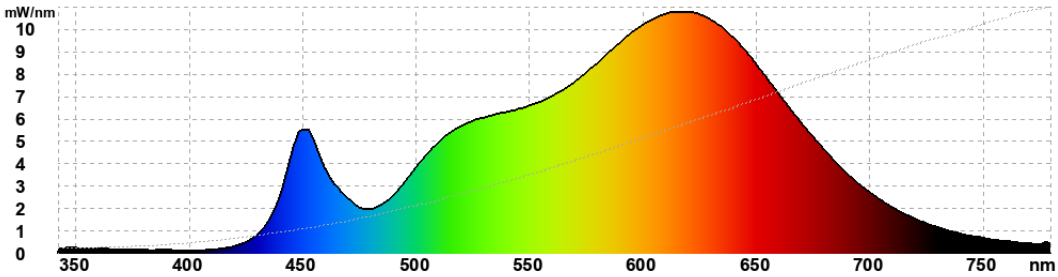
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6508_D_20261013_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-13 08:59:29*	Model name:	*Taśma LED 320 COB 24V 3000K 5W IP20 8mm 100m 475lm/m LITE*
Report time:	*2026-10-15*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*231412*
Power source:	*IT6333B DC ITECH*	Serial No.:	*15507*
Ambient Temperature:	*22 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.4384**
y	**0.4033**
u'	0.2519
v'	0.5213
L	100.00
a	22.88
b	57.68
X	576.19
Y	530.08
Z	207.96

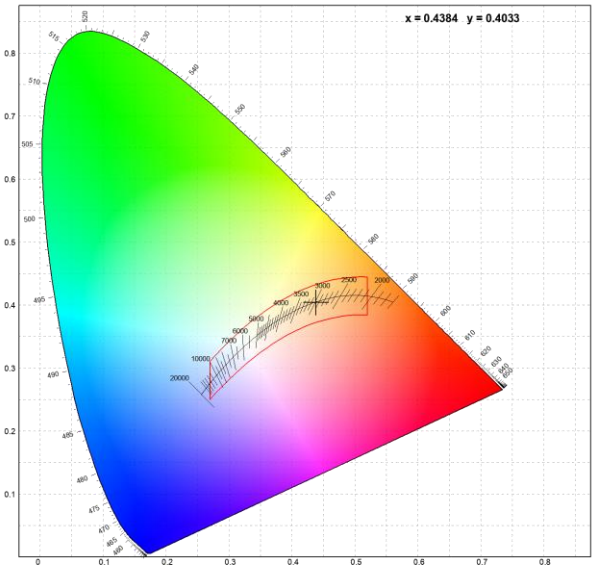
CIE 1964 10˚observer	
x	0.4438
y	0.4001
u'	0.2568
v'	0.5209
L	100.00
a	26.85
b	57.28
X	618.79
Y	557.89
Z	217.53

Other	
CCT [K]	**2969**
Chromaticity Error	0.002
Color Peak	618.02
Color Peak Value	10.76
Color Dominant	583.1
Luminous Flux [lm]	**530.08**
Purity	0.527
Radiometric	1.7732
PAR	
PPFD	
Luminous Efficacy	**100.9988 lm/W**
Power [W]	5.24838
Power Factor	-
Current [A]	0.21868
Voltage [V]	24
Duv	0.0005

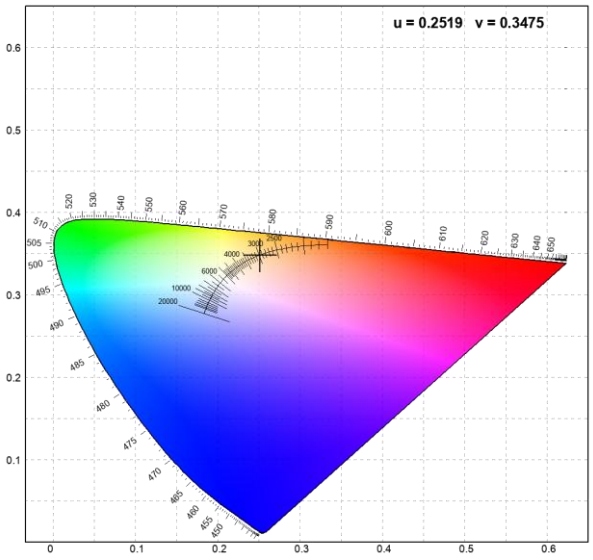
Rendering Indices	
Ra	**92.1**
R1	92.5
R2	95.5
R3	97.7
R4	93.3
R5	92.5
R6	95.2
R7	90.9
R8	78.9
R9	51.6
R10	89.2
R11	95.0
R12	81.5
R13	93.4
R14	98.2

Metamerism Indices	
Mivis	2.0
Miuv	3.6

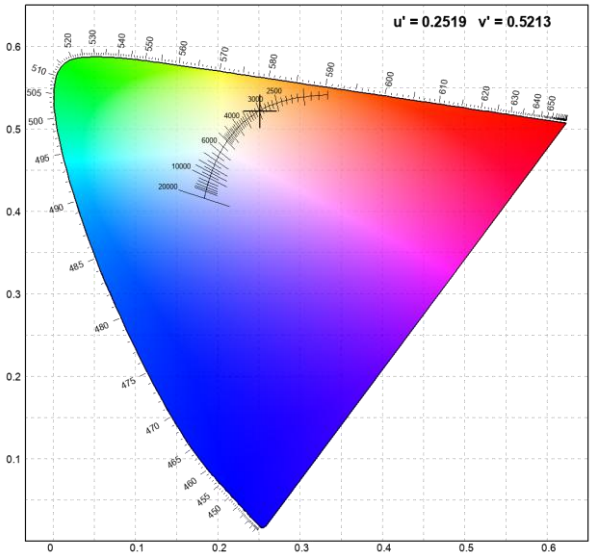
CIE 1931



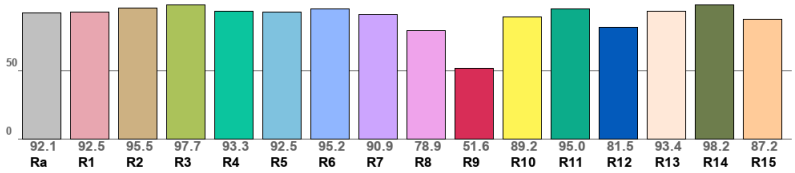
CIE 1960



CIE 1976



CRI


50
0
92.1 Ra
92.5 R1
95.5 R2
97.7 R3
93.3 R4
92.5 R5
95.2 R6
90.9 R7
78.9 R8
51.6 R9
89.2 R10
95.0 R11
81.5 R12
93.4 R13
98.2 R14
87.2 R15