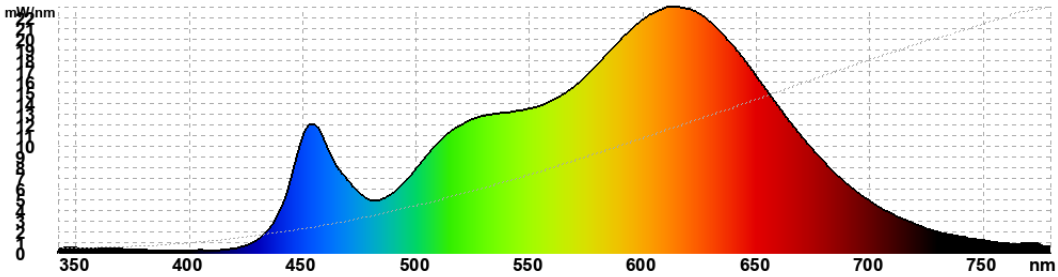
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6502_D_20261012_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-12 12:45:27*	Model name:	*Taśma LED 480 COB 24V 3000K 11W IP20 8mm 30m 1045lm/m LITE*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*231092*
Power source:	*IT6333B DC ITECH*	Serial No.:	*12005*
Ambient Temperature:	*23 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.4359**
y	**0.4010**
u'	0.2513
v'	0.5200
L	100.00
a	22.89
b	55.97
X	1202.46
Y	1106.11
Z	449.77

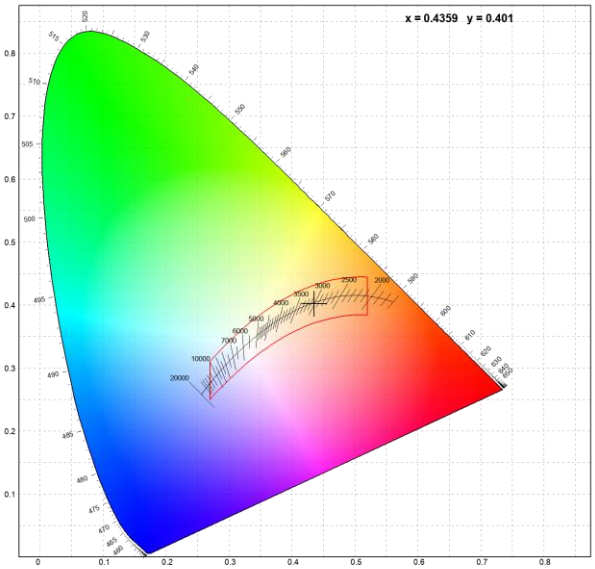
CIE 1964 10˚observer	
x	0.4415
y	0.3990
u'	0.2557
v'	0.5200
L	100.00
a	26.41
b	56.08
X	1290.84
Y	1166.67
Z	466.53

Other	
CCT [K]	**2991**
Chromaticity Error	0.002
Color Peak	614.25
Color Peak Value	22.91
Color Dominant	583.3
Luminous Flux [lm]	**1106.11**
Purity	0.512
Radiometric	3.6330
PAR	
PPFD	
Luminous Efficacy	**99.7574 lm/W**
Power [W]	11.088
Power Factor	-
Current [A]	0.462
Voltage [V]	24
Duv	0.0011

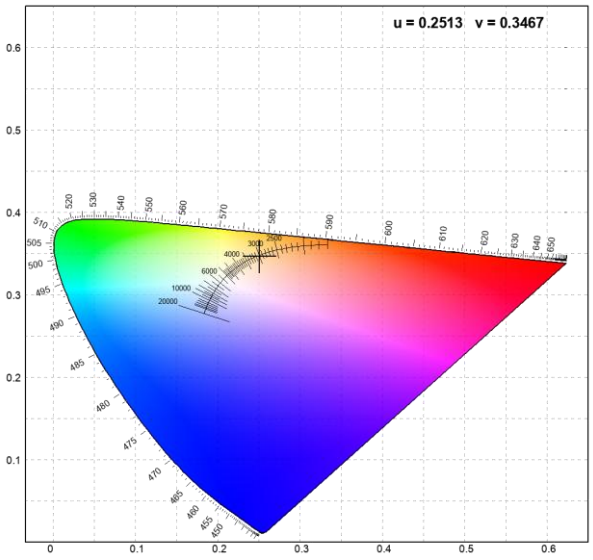
Rendering Indices	
Ra	**92.3**
R1	93.5
R2	97.4
R3	98.2
R4	93.6
R5	93.6
R6	96.3
R7	89.2
R8	76.8
R9	48.3
R10	93.1
R11	95.9
R12	81.2
R13	95.1
R14	99.4

Metamerism Indices	
Mivis	2.3
Miuv	3.3

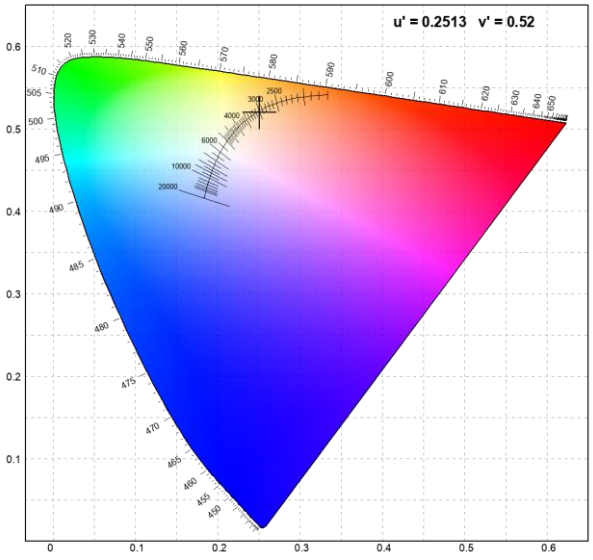
CIE 1931



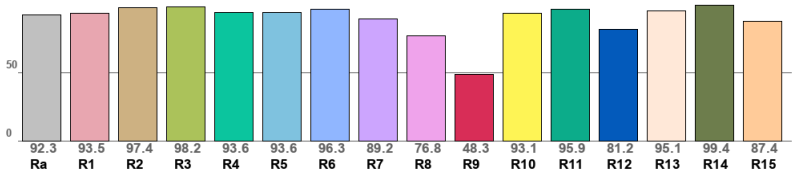
CIE 1960



CIE 1976



CRI


50
0
92.3 Ra
93.5 R1
97.4 R2
98.2 R3
93.6 R4
93.6 R5
96.3 R6
89.2 R7
76.8 R8
48.3 R9
93.1 R10
95.9 R11
81.2 R12
95.1 R13
99.4 R14
87.4 R15