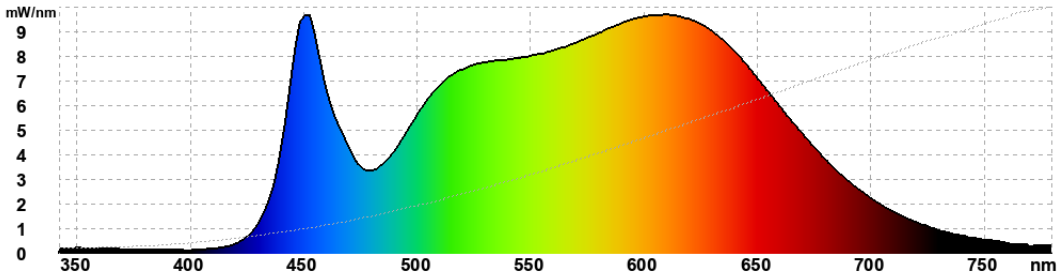
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6507_D_20261013_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-13 13:09:35*	Model name:	*Taśma LED 320 COB 24V 4000K 5W IP20 8mm 100m 475lm/m LITE*
Report time:	*2026-10-15*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*231429*
Power source:	*IT6333B DC ITECH*	Serial No.:	*15507*
Ambient Temperature:	*23 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3853**
y	**0.3847**
u'	0.2251
v'	0.5058
L	100.00
a	8.78
b	36.23
X	587.63
Y	586.79
Z	350.79

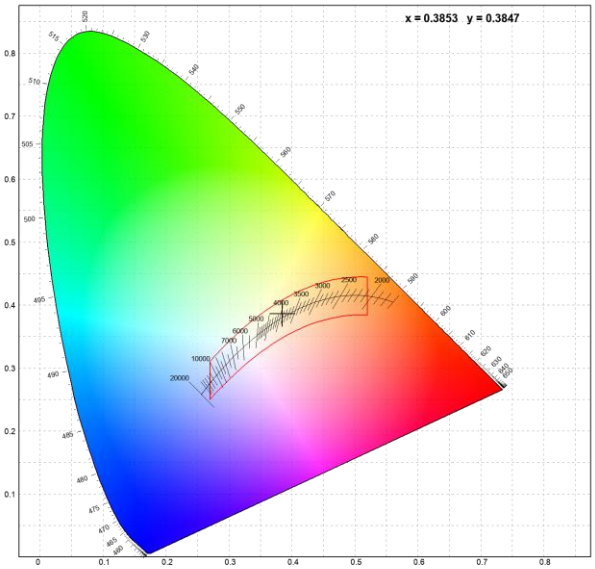
CIE 1964 10˚observer	
x	0.3907
y	0.3831
u'	0.2293
v'	0.5059
L	100.00
a	12.29
b	36.13
X	637.15
Y	624.81
Z	368.80

Other	
CCT [K]	**3931**
Chromaticity Error	0.003
Color Peak	608.55
Color Peak Value	9.65
Color Dominant	578.2
Luminous Flux [lm]	**586.79**
Purity	0.311
Radiometric	1.9133
PAR	
PPFD	
Luminous Efficacy	**111.7834 lm/W**
Power [W]	5.24935
Power Factor	-
Current [A]	0.21872
Voltage [V]	24
Duv	0.0023

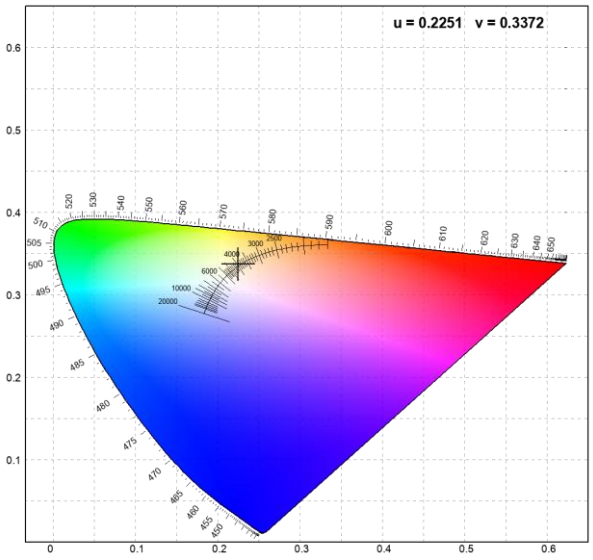
Rendering Indices	
Ra	**91.6**
R1	91.4
R2	94.2
R3	96.3
R4	92.5
R5	90.8
R6	92.0
R7	93.4
R8	81.9
R9	52.9
R10	85.9
R11	93.3
R12	71.0
R13	92.2
R14	97.7

Metamerism Indices	
Mivis	1.6
Miuv	3.8

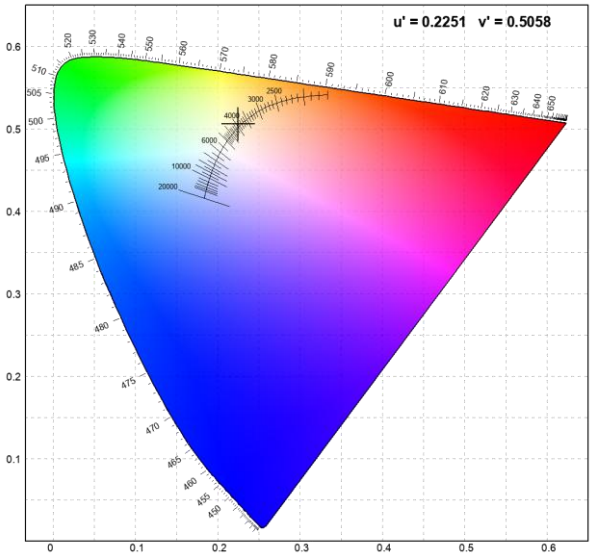
CIE 1931



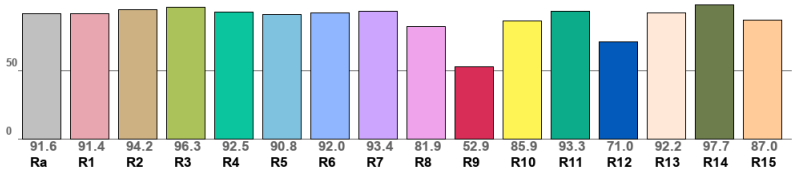
CIE 1960



CIE 1976



CRI


50
0
91.6 Ra
91.4 R1
94.2 R2
96.3 R3
92.5 R4
90.8 R5
92.0 R6
93.4 R7
81.9 R8
52.9 R9
85.9 R10
93.3 R11
71.0 R12
92.2 R13
97.7 R14
87.0 R15