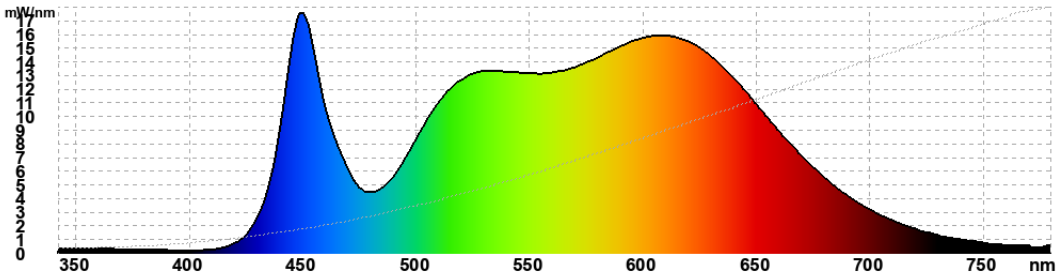
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6491_D_20261005_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-05 10:07:57*	Model name:	*Taśma LED 320 COB 24V 4000K 8W IP20 8mm 5m 760lm/m LITE*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*230965*
Power source:	*IT6333B DC ITECH*	Serial No.:	*12005*
Ambient Temperature:	*22.4 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3805**
y	**0.3791**
u'	0.2243
v'	0.5026
L	100.00
a	9.20
b	32.98
X	957.75
Y	954.00
Z	605.01

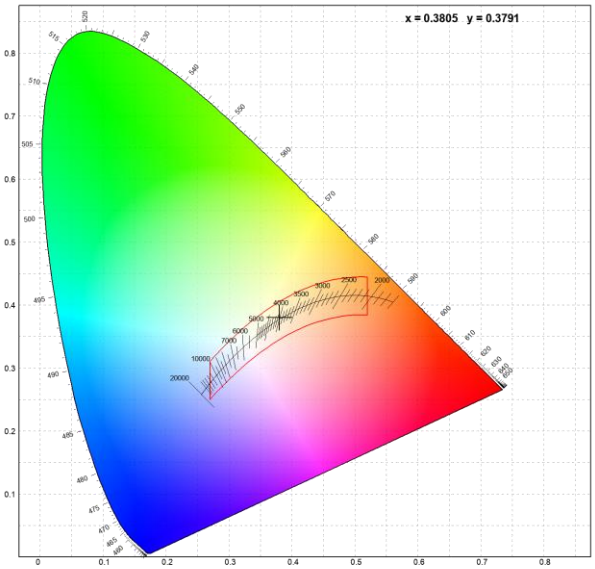
CIE 1964 10˚observer	
x	0.3858
y	0.3761
u'	0.2289
v'	0.5021
L	100.00
a	13.29
b	32.27
X	1040.24
Y	1014.17
Z	641.86

Other	
CCT [K]	**4014**
Chromaticity Error	0.002
Color Peak	448.45
Color Peak Value	17.48
Color Dominant	578.5
Luminous Flux [lm]	**954.00**
Purity	0.280
Radiometric	3.0715
PAR	
PPFD	
Luminous Efficacy	**116.5689 lm/W**
Power [W]	8.184
Power Factor	-
Current [A]	0.341
Voltage [V]	24
Duv	0.0010

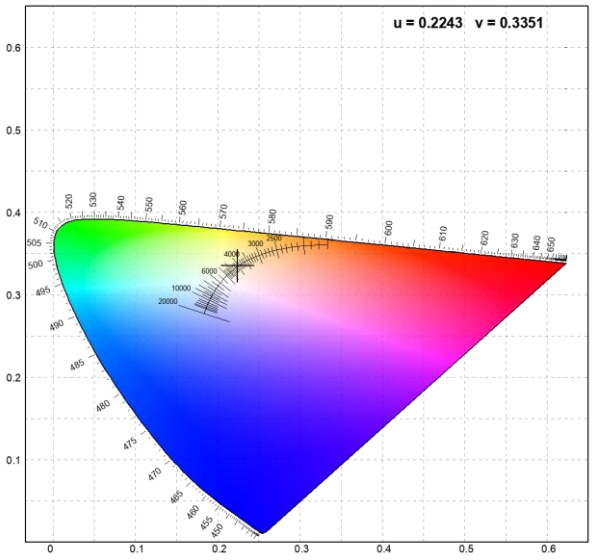
Rendering Indices	
Ra	**90.4**
R1	91.3
R2	92.4
R3	92.6
R4	92.3
R5	90.4
R6	89.6
R7	92.8
R8	81.6
R9	49.7
R10	81.1
R11	92.5
R12	68.3
R13	91.6
R14	95.4

Metamerism Indices	
Mivis	1.5
Miuv	4.1

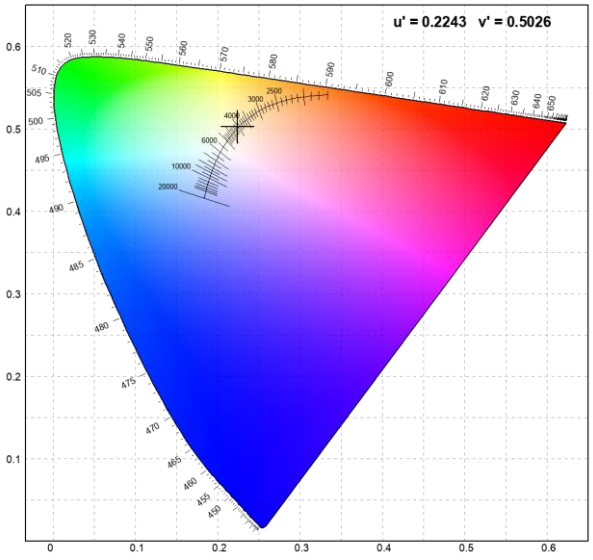
CIE 1931



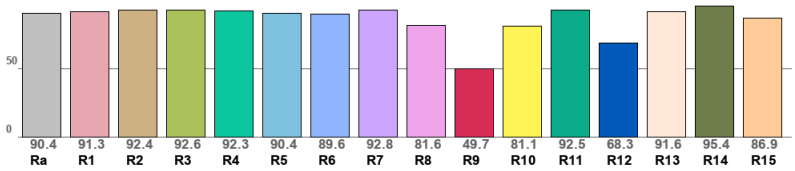
CIE 1960



CIE 1976



CRI


50
0
90.4 Ra
91.3 R1
92.4 R2
92.6 R3
92.3 R4
90.4 R5
89.6 R6
92.8 R7
81.6 R8
49.7 R9
81.1 R10
92.5 R11
68.3 R12
91.6 R13
95.4 R14
86.9 R15