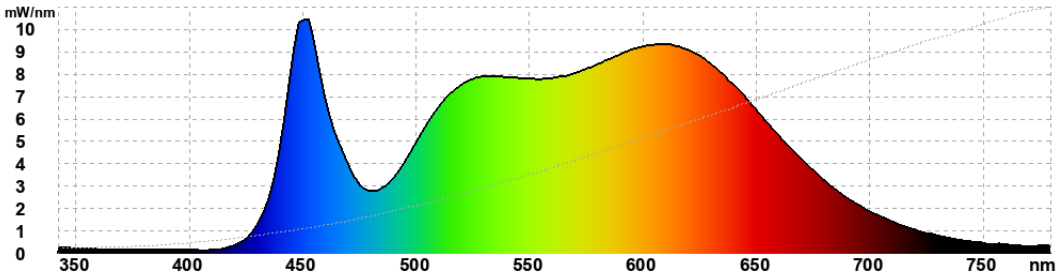
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6494_D_20261008_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-08 10:00:58*	Model name:	*Taśma LED 320 COB 24V 4000K 5W IP20 8mm 5m 475lm/m LITE*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*230941*
Power source:	*IT6333B DC ITECH*	Serial No.:	*12005*
Ambient Temperature:	*22.5 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3791**
y	**0.3791**
u'	0.2233
v'	0.5024
L	100.00
a	8.54
b	32.63
X	564.09
Y	564.07
Z	359.96

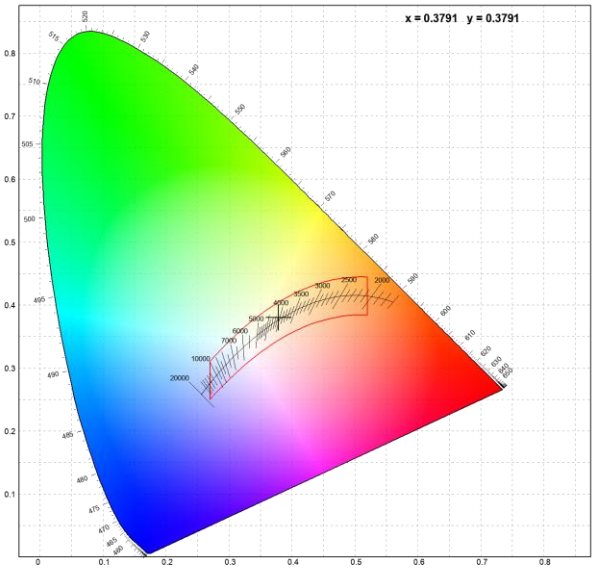
CIE 1964 10˚observer	
x	0.3845
y	0.3766
u'	0.2278
v'	0.5021
L	100.00
a	12.49
b	32.13
X	612.67
Y	600.11
Z	380.80

Other	
CCT [K]	**4055**
Chromaticity Error	0.002
Color Peak	450.68
Color Peak Value	10.40
Color Dominant	578.1
Luminous Flux [lm]	**564.07**
Purity	0.275
Radiometric	1.8158
PAR	
PPFD	
Luminous Efficacy	**115.7779 lm/W**
Power [W]	4.872
Power Factor	-
Current [A]	0.203
Voltage [V]	24
Duv	0.0014

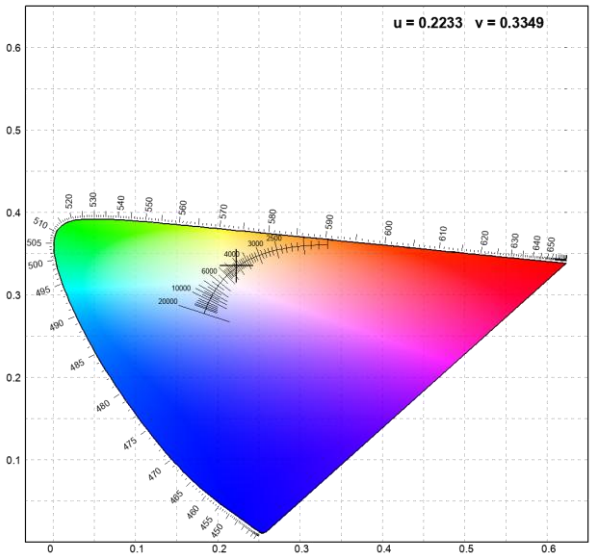
Rendering Indices	
Ra	**90.6**
R1	91.4
R2	92.8
R3	93.2
R4	92.4
R5	90.3
R6	89.9
R7	93.2
R8	81.7
R9	50.2
R10	81.9
R11	92.6
R12	66.8
R13	91.8
R14	95.7

Metamerism Indices	
Mivis	1.6
Miuv	3.9

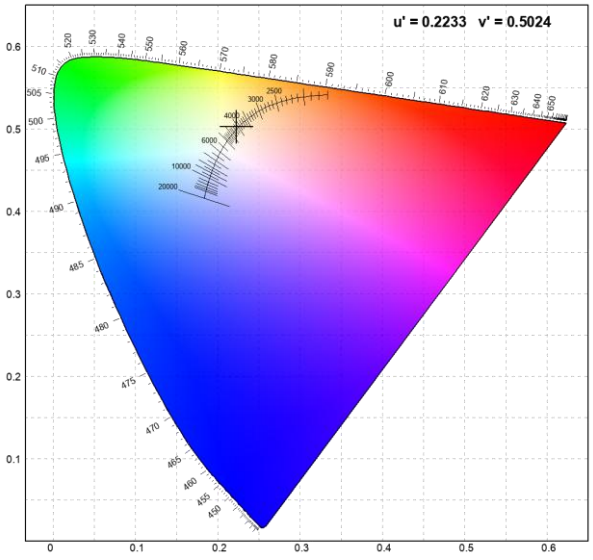
CIE 1931



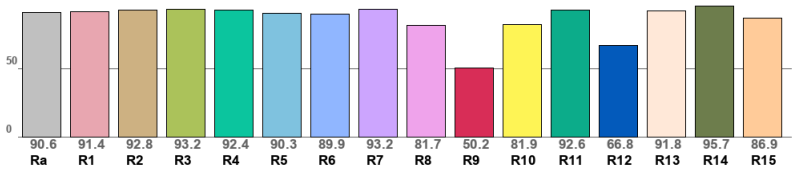
CIE 1960



CIE 1976



CRI


50
0
90.6
Ra
91.4
R1
92.8
R2
93.2
R3
92.4
R4
90.3
R5
89.9
R6
93.2
R7
81.7
R8
50.2
R9
81.9
R10
92.6
R11
66.8
R12
91.8
R13
95.7
R14
86.9
R15