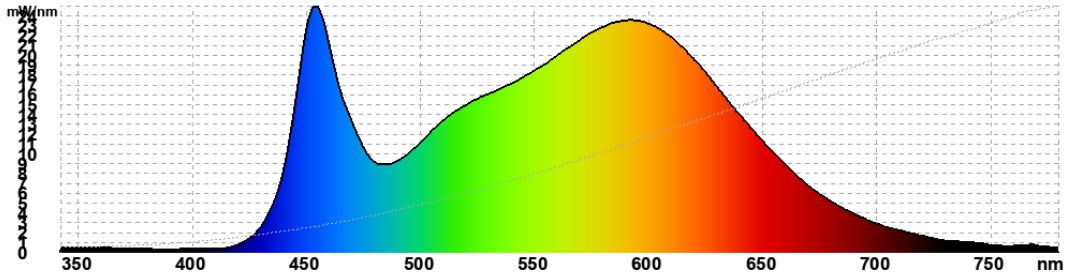
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6490_D_20261009_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-09 13:10:40*	Model name:	*Świetlówka LED NANO T8 G13 4000K 9W 1350lm 230V 270° 60cm PC PRIME*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228566*
Power source:	*IT7321 AC ITECH*	Serial No.:	*03103*
Ambient Temperature:	*23.3 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3767**
y	**0.375**
u'	0.2233
v'	0.5003
L	100
a	9.29
b	30.58
X	1342.63
Y	1336.73
Z	884.81

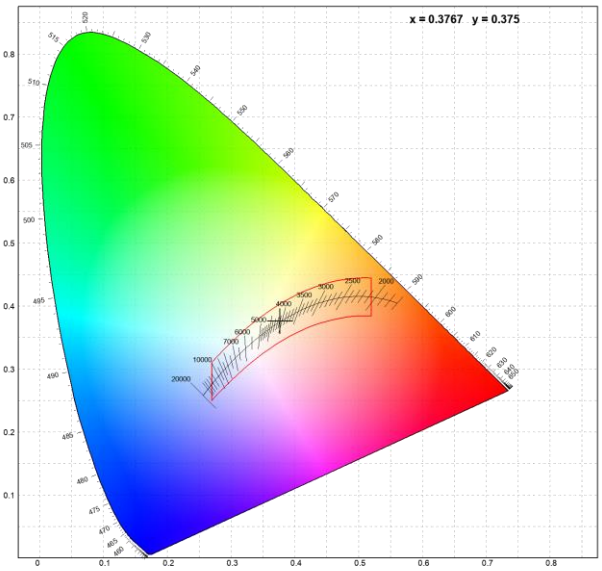
CIE 1964 10˚observer	
x	0.383
y	0.3735
u'	0.2281
v'	0.5005
L	100
a	13.22
b	30.62
X	1461.03
Y	1424.93
Z	928.71

Other	
CCT [K]	**4091**
Chromaticity Error	0.002
Color Peak	452.91
Color Peak Value	24.8609
Color Dominant	578.5
Luminous Flux [lm]	**1336.73**
Purity	0.256
Radiometric	4.078
PAR	
PPFD	
Luminous Efficacy	**148.13 lm/W**
Power [W]	9.02391
Power Factor	0.512
Current [A]	0.0765
Voltage [V]	230.072
Duv	

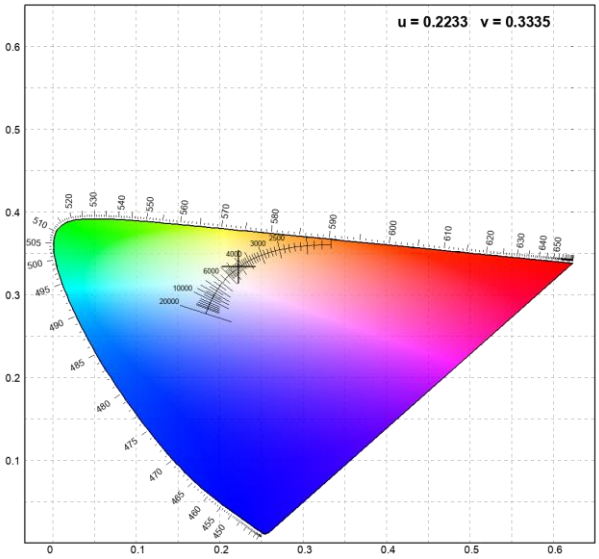
Rendering Indices	
Ra	**82.5**
R1	81.0
R2	91.4
R3	95.4
R4	78.9
R5	80.9
R6	87.1
R7	83.9
R8	61.7
R9	4.1
R10	79.0
R11	77.4
R12	61.4
R13	84.0
R14	98.1

Metamerism Indices	
Mivis	2.2
Miuv	3.7

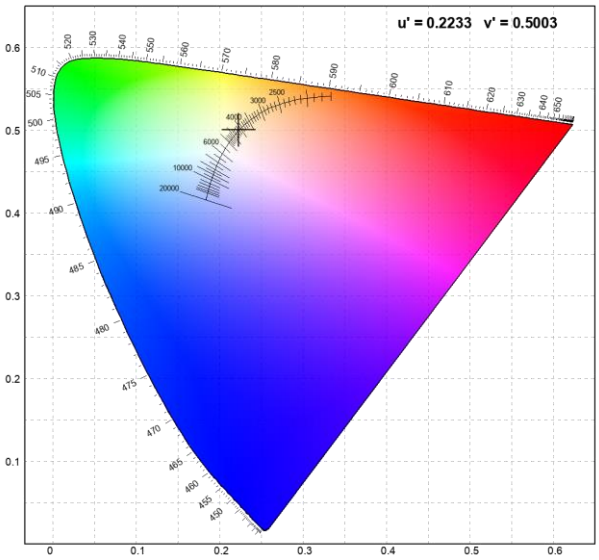
CIE 1931



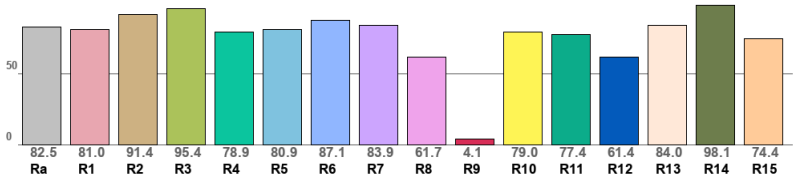
CIE 1960



CIE 1976



CRI


50
0
82.5 Ra
81.0 R1
91.4 R2
95.4 R3
78.9 R4
80.9 R5
87.1 R6
83.9 R7
61.7 R8
4.1 R9
79.0 R10
77.4 R11
61.4 R12
84.0 R13
98.1 R14
74.4 R15