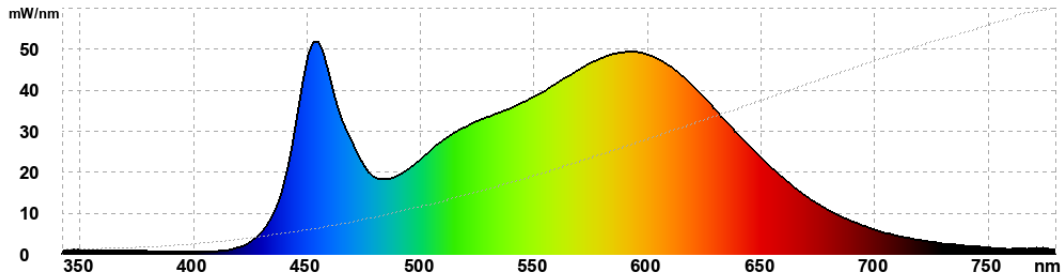
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6485_D_20261009_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-09 15:54:18*	Model name:	*Świetlówka LED NANO T8 G13 4000K 18W 2700lm 230V 270° 120cm PC PRIME*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228542*
Power source:	*IT7321 AC ITECH*	Serial No.:	*03103*
Ambient Temperature:	*23.1 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3779**
y	**0.3757**
u'	0.2239
v'	0.5007
L	100.00
a	9.53
b	31.08
X	2802.09
Y	2785.68
Z	1827.52

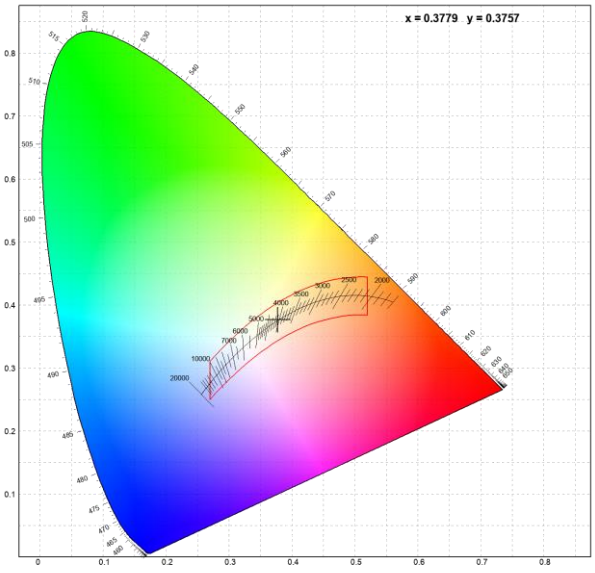
CIE 1964 10˚observer	
x	0.3842
y	0.3740
u'	0.2287
v'	0.5009
L	100.00
a	13.54
b	31.08
X	3049.01
Y	2968.17
Z	1918.84

Other	
CCT [K]	**4063**
Chromaticity Error	0.002
Color Peak	452.91
Color Peak Value	51.60
Color Dominant	578.7
Luminous Flux [lm]	**2785.68**
Purity	0.262
Radiometric	8.4785
PAR	
PPFD	
Luminous Efficacy	**153.5732 lm/W**
Power [W]	18.1391
Power Factor	0.544
Current [A]	0.145
Voltage [V]	230.028
Duv	0.0002

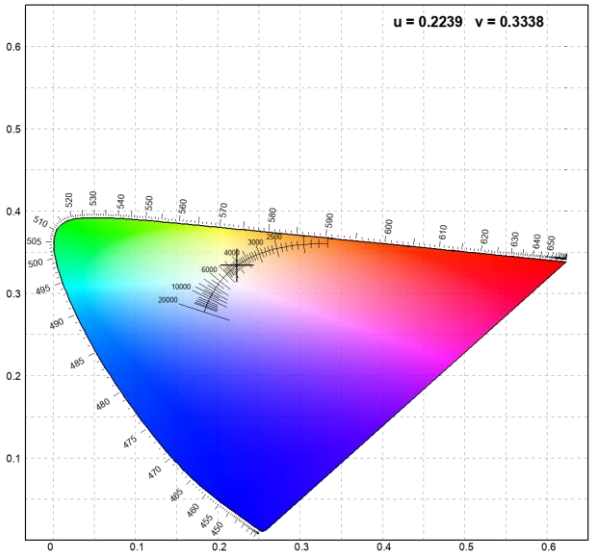
Rendering Indices	
Ra	**82.4**
R1	80.8
R2	91.3
R3	95.4
R4	78.8
R5	80.7
R6	87.0
R7	83.8
R8	61.3
R9	3.1
R10	78.7
R11	77.2
R12	61.4
R13	83.8
R14	98.1

Metamerism Indices	
Mivis	2.2
Miuv	3.7

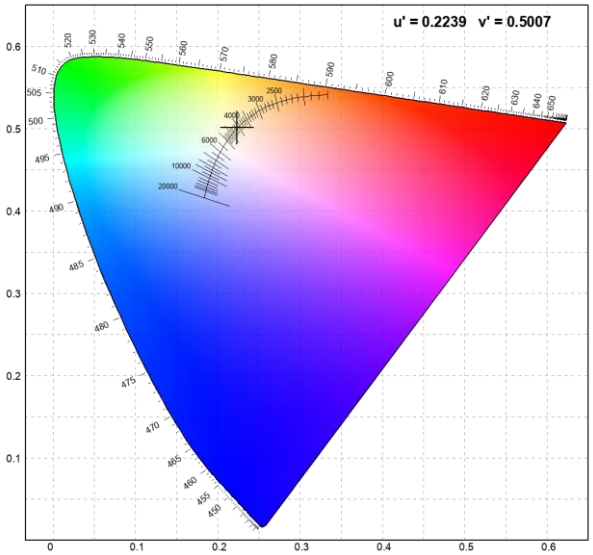
CIE 1931



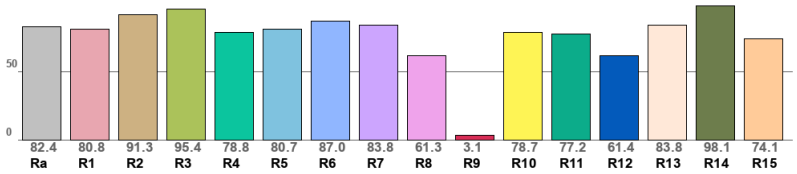
CIE 1960



CIE 1976



CRI


50
0
82.4 Ra
80.8 R1
91.3 R2
95.4 R3
78.8 R4
80.7 R5
87.0 R6
83.8 R7
61.3 R8
3.1 R9
78.7 R10
77.2 R11
61.4 R12
83.8 R13
98.1 R14
74.1 R15