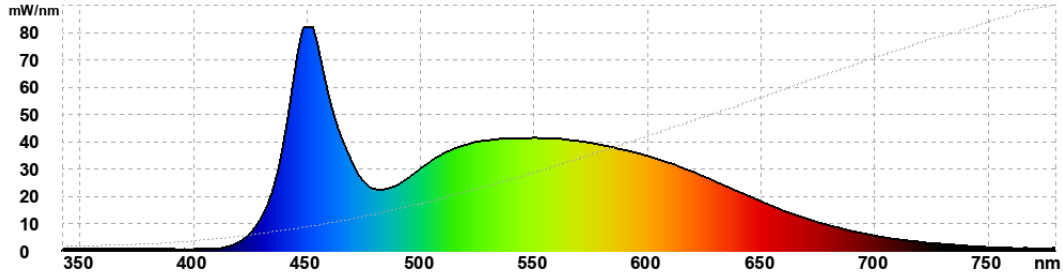
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6483_D_20261008_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-08 08:40:30*	Model name:	*Świetlówka LED NANO T8 G13 6500K 18W 2700lm 230V 270° 120cm PC PRIME*
Report time:	*2026-10-13*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*228535*
Power source:	*IT7321 AC ITECH*	Serial No.:	*03103*
Ambient Temperature:	*22.7 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.311**
y	**0.3317**
u'	0.1956
v'	0.4695
L	100
a	-2.3
b	0.73
X	2498.7
Y	2665.51
Z	2870.91

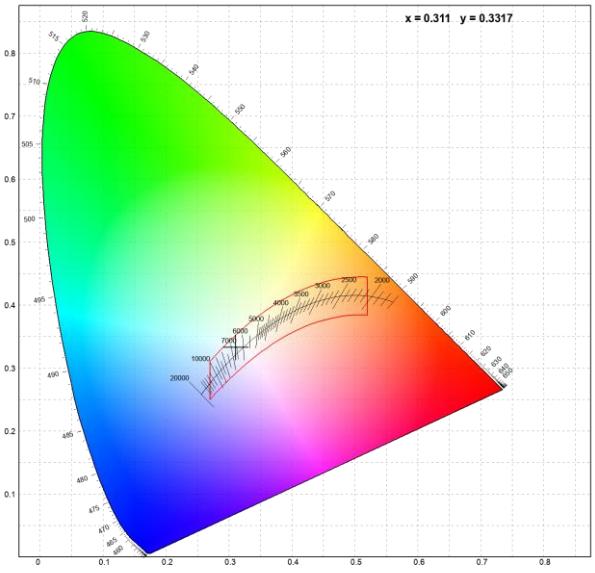
CIE 1964 10˚observer	
x	0.3159
y	0.3322
u'	0.1989
v'	0.4705
L	100
a	0.52
b	0.87
X	2749.45
Y	2891.02
Z	3061.88

Other	
CCT [K]	**6576**
Chromaticity Error	0.002
Color Peak	448.45
Color Peak Value	81.5234
Color Dominant	491.0
Luminous Flux [lm]	**2665.51**
Purity	0.076
Radiometric	8.791
PAR	
PPFD	
Luminous Efficacy	**146.86 lm/W**
Power [W]	18.1502
Power Factor	0.545
Current [A]	0.1445
Voltage [V]	230.017
Duv	

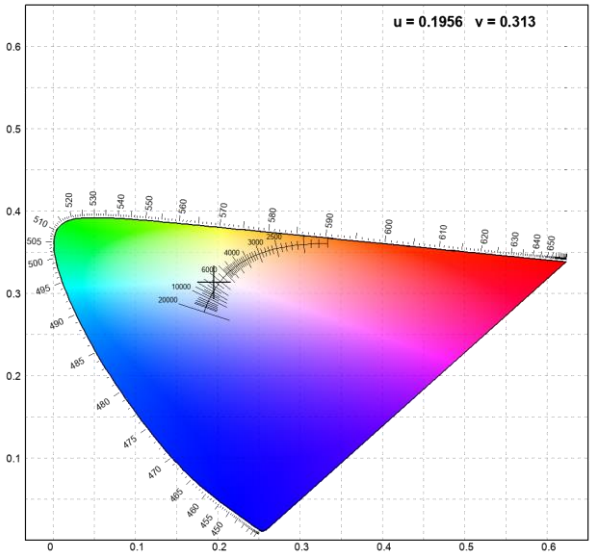
Rendering Indices	
Ra	**84.4**
R1	82.4
R2	88.1
R3	91.1
R4	83.9
R5	82.8
R6	82.8
R7	90.1
R8	73.8
R9	18.3
R10	71.0
R11	82.7
R12	58.5
R13	84.1
R14	95.4

Metamerism Indices	
Mivis	1.9
Miuv	6.0

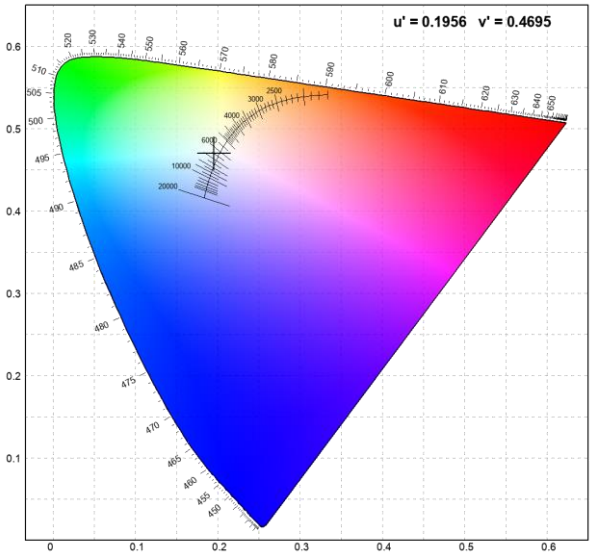
CIE 1931



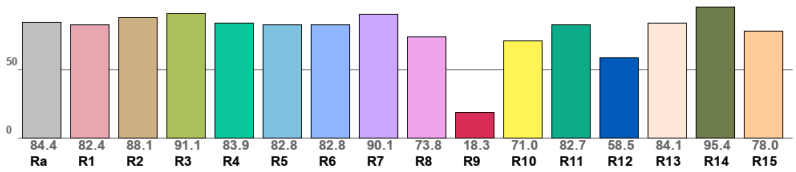
CIE 1960



CIE 1976



CRI


50
0
84.4 Ra
82.4 R1
88.1 R2
91.1 R3
83.9 R4
82.8 R5
82.8 R6
90.1 R7
73.8 R8
18.3 R9
71.0 R10
82.7 R11
58.5 R12
84.1 R13
95.4 R14
78.0 R15