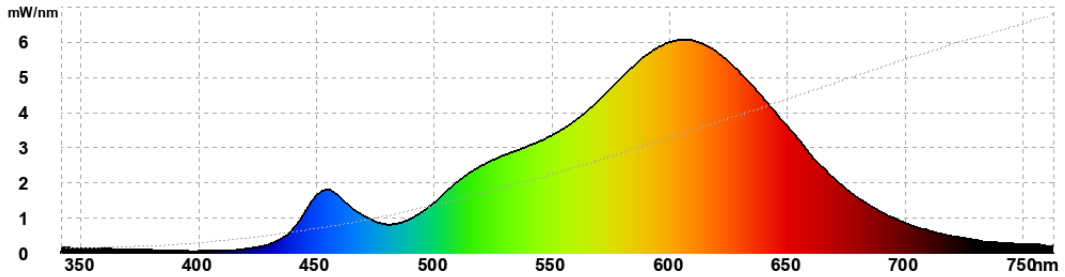
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6477_M_20261002_R_S*	Client name:	*LED line LITE*
Measurement time:	*2026-10-02 15:07:00*	Model name:	*Żarówka LED GU10 2700K 3W 273lm 230V 36° Szkło LITE*
Report time:	*2026-10-08*		
Device:	GL SPHERE 500 SPECTIS 1.0 VIS	Item No:	*247835*
Power source:	*IT7321 AC ITECH*	Serial No.:	*11305*
Ambient Temperature:	*23.9 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.4663**
y	**0.4232**
u'	0.2610
v'	0.5330
L	100.00
a	25.23
b	75.75
X	305.40
Y	277.19
Z	72.37

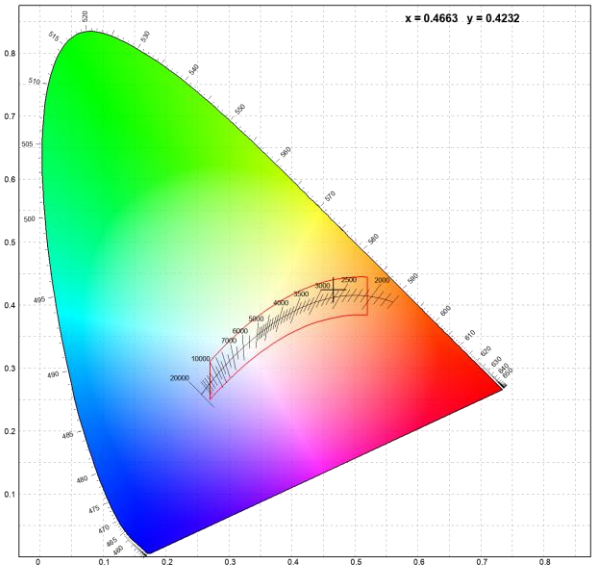
CIE 1964 10˚observer	
x	0.4743
y	0.4180
u'	0.2685
v'	0.5323
L	100.00
a	30.88
b	75.70
X	328.33
Y	289.33
Z	74.52

Other	
CCT [K]	**2708**
Chromaticity Error	0.006
Color Peak	606.78
Color Peak Value	6.04
Color Dominant	582.9
Luminous Flux [lm]	**277.19**
Purity	0.671
Radiometric	0.8239
PAR	
PPFD	
Luminous Efficacy	**97.1574 lm/W**
Power [W]	2.853
Power Factor	0.434
Current [A]	0.02858
Voltage [V]	230.05
Duv	0.0040

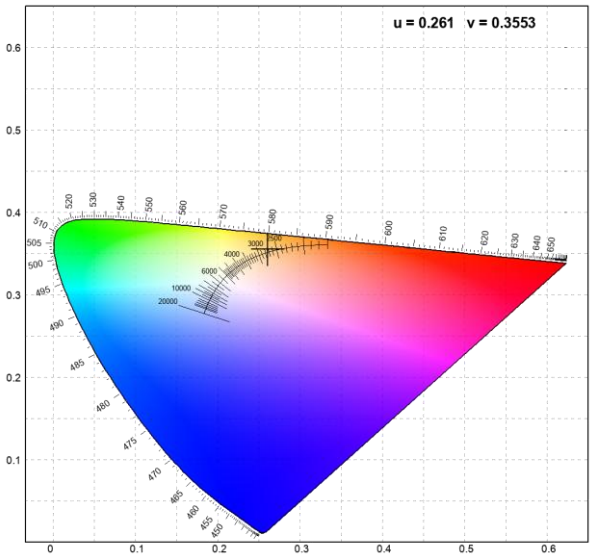
Rendering Indices	
Ra	**80.9**
R1	78.6
R2	89.0
R3	97.9
R4	78.9
R5	78.1
R6	87.3
R7	82.5
R8	55.2
R9	-0.7
R10	75.1
R11	78.0
R12	65.9
R13	80.8
R14	99.2

Metamerism Indices	
Mivis	2.9
Miuv	3.0

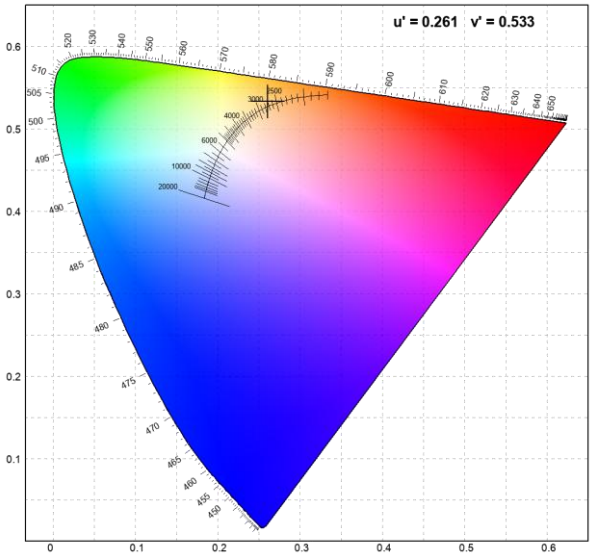
CIE 1931



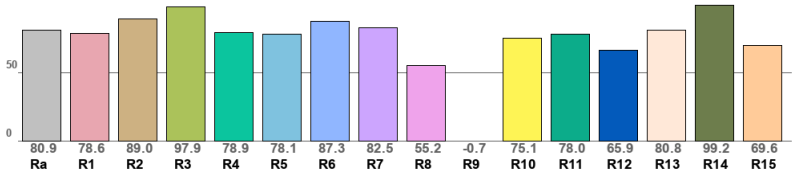
CIE 1960



CIE 1976



CRI


50
0
80.9 Ra
78.6 R1
89.0 R2
97.9 R3
78.9 R4
78.1 R5
87.3 R6
82.5 R7
55.2 R8
-0.7 R9
75.1 R10
78.0 R11
65.9 R12
80.8 R13
99.2 R14
69.6 R15