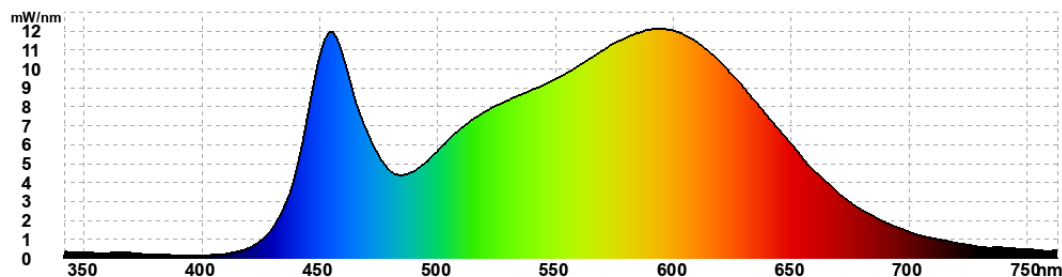


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4822_M_20250218_M_S
Measurement time: 2025-02-18 11:09:15
Report time: 2025-02-19
Device: GL SPHERE 500 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 24 [C]

Client name: LED line LITE
Model name: Żarówka LED GU10 7W
4000K 600lm 230V
Item No: 244742
Serial No.: 41806
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3794
y	0.3763
u'	0.2246
v'	0.5012
L	100.00
a	9.94
b	31.69
X	692.97
Y	687.28
Z	446.03

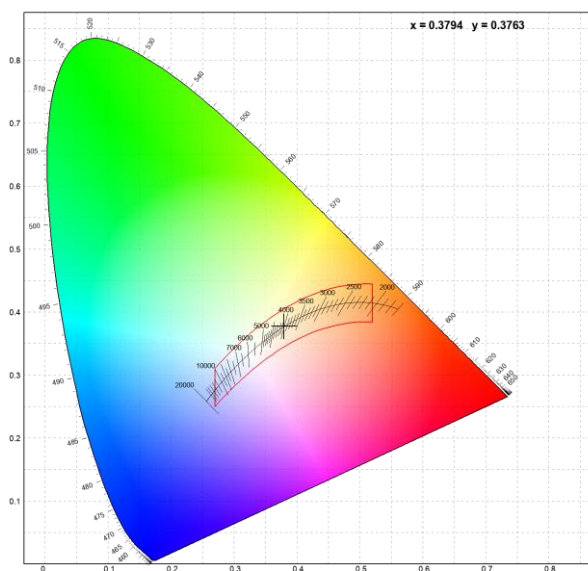
CIE 1964 10° observer	
x	0.3857
y	0.3746
u'	0.2294
v'	0.5014
L	100.00
a	13.92
b	31.66
X	753.66
Y	732.08
Z	468.46

Other	
CCT [K]	4025
Chromaticity Error	0.002
Color Peak	593.15
Color Peak Value	12.06
Color Dominant	578.9
Luminous Flux [lm]	687.28
Purity	0.268
Radiometric	2.0945
PAR	
PPFD	
Luminous Efficacy	98.5674 lm/W
Power [W]	6.97269
Power Factor	0.548
Current [A]	0.0552
Voltage [V]	230.003
Duv	0.0001

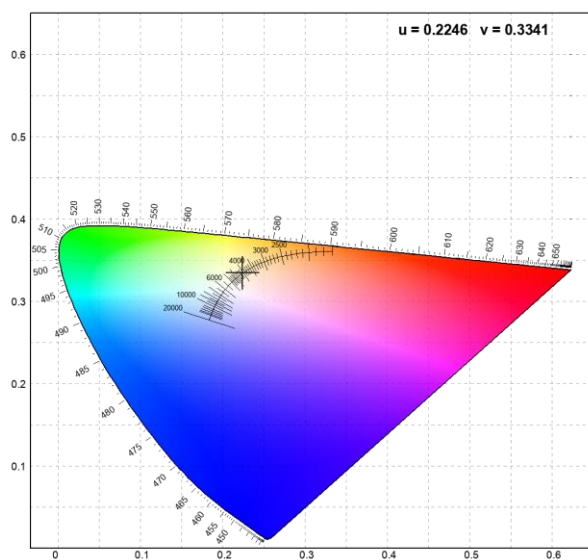
Metamerism Indices	
Mivis	2.2
Miuv	3.6

Rendering Indices	
Ra	83.4
R1	82.0
R2	91.7
R3	95.8
R4	80.3
R5	81.8
R6	87.7
R7	84.6
R8	63.2
R9	8.1
R10	79.3
R11	78.9
R12	63.3
R13	84.8
R14	98.3

CIE 1931



CIE 1960



CIE 1976

