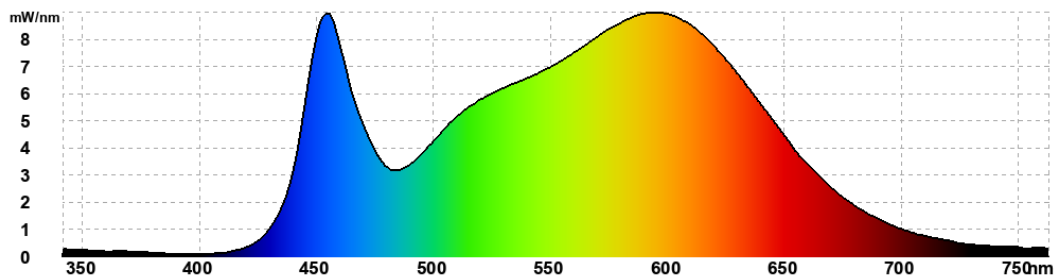


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4820_M_20250219_M_S
Measurement time: 2025-02-19 09:29:08
Report time: 2025-02-19
Device: GL SPHERE 500 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 22.6 [C]

Client name: LED line LITE
Model name: Żarówka LED GU10 5W
4000K 450lm 220-240V
Item No: 248689
Serial No.: 41806
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3809
y	0.3779
u'	0.2250
v'	0.5022
L	100.00
a	9.90
b	32.62
X	513.58
Y	509.47
Z	325.19

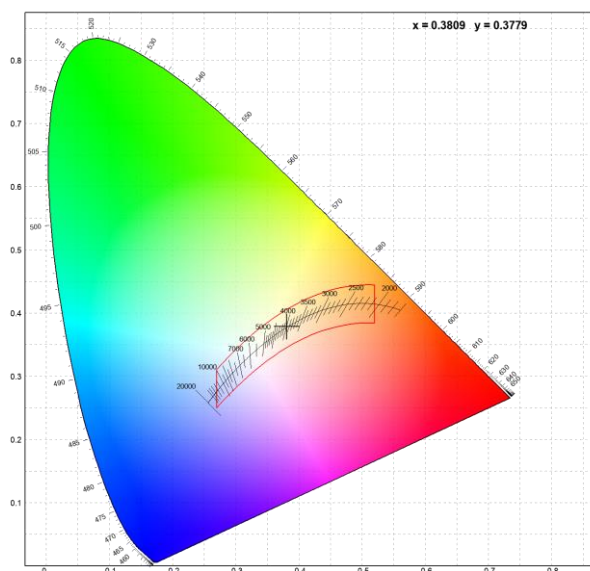
CIE 1964 10° observer	
x	0.3872
y	0.3762
u'	0.2298
v'	0.5023
L	100.00
a	13.87
b	32.63
X	558.41
Y	542.56
Z	341.20

Other	
CCT [K]	3995
Chromaticity Error	0.002
Color Peak	593.15
Color Peak Value	8.94
Color Dominant	578.9
Luminous Flux [lm]	509.47
Purity	0.277
Radiometric	1.5483
PAR	
PPFD	
Luminous Efficacy	104.9102 lm/W
Power [W]	4.85625
Power Factor	0.532
Current [A]	0.0397
Voltage [V]	229.959
Duv	0.0003

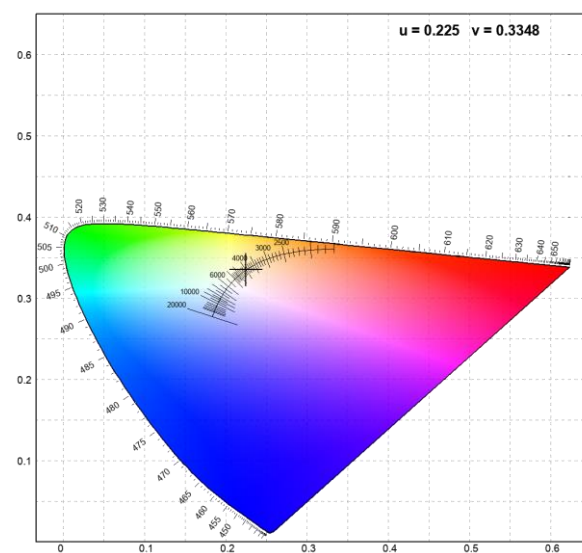
Metamerism Indices	
Mivis	2.2
Miuv	3.6

Rendering Indices	
Ra	83.7
R1	82.4
R2	91.9
R3	95.9
R4	80.7
R5	82.2
R6	88.1
R7	84.7
R8	63.5
R9	9.0
R10	79.9
R11	79.7
R12	63.1
R13	85.2
R14	98.4

CIE 1931



CIE 1960



CIE 1976

