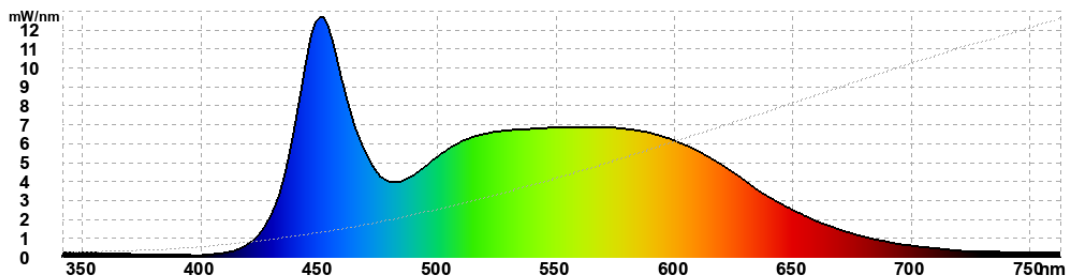


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B5194_M_20250717_M_S
Measurement time: 2025-07-17 13:05:56
Report time: 2025-07-18
Device: GL SPHERE 500 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 26.1 [C]

Client name: LED line LITE
Model name: Żarówka LED GU10 5W
6500K 450lm 220-240V
Item No: 244346
Serial No.: 02302
Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3130
y	0.3356
u'	0.1956
v'	0.4718
L	100.00
a	-3.16
b	2.59
X	420.23
Y	450.62
Z	471.85

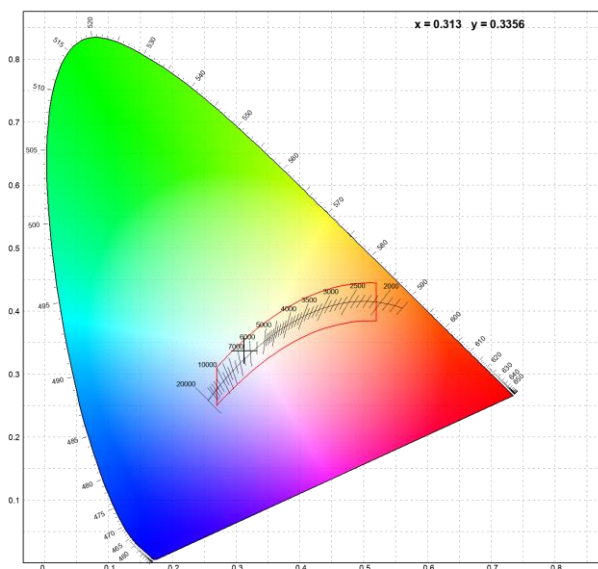
CIE 1964 10° observer	
x	0.3182
y	0.3361
u'	0.1990
v'	0.4729
L	100.00
a	-0.23
b	2.82
X	462.83
Y	488.84
Z	502.65

Other	
CCT [K]	6447
Chromaticity Error	0.002
Color Peak	450.34
Color Peak Value	12.61
Color Dominant	493.2
Luminous Flux [lm]	450.62
Purity	0.067
Radiometric	1.4422
PAR	
PPFD	
Luminous Efficacy	93.2 lm/W
Power [W]	4.83498
Power Factor	0.567
Current [A]	0.0371
Voltage [V]	229.981
Duv	0.0064

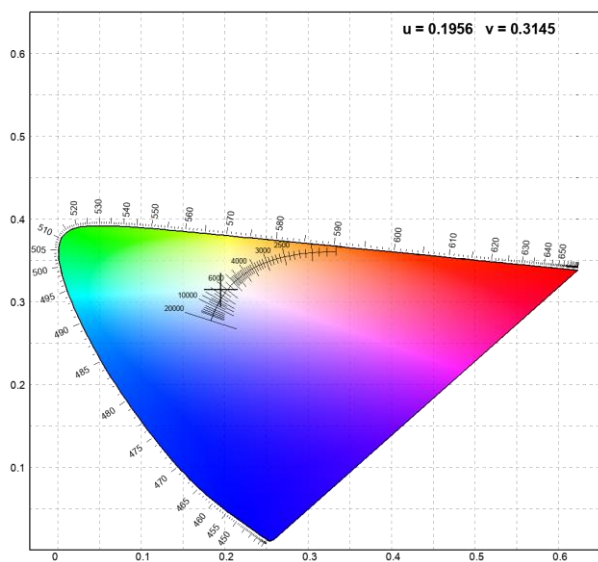
Metamerism Indices	
Mivis	2.0
Miuv	5.8

Rendering Indices	
Ra	82.9
R1	80.2
R2	88.0
R3	93.1
R4	82.0
R5	81.4
R6	83.5
R7	87.8
R8	67.0
R9	-1.9
R10	71.6
R11	81.4
R12	60.8
R13	82.5
R14	96.5

CIE 1931



CIE 1960



CIE 1976

