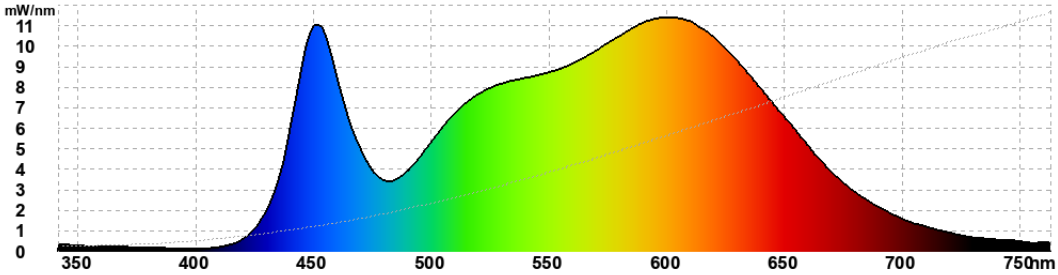
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6136_M_20260629_M_S*	Client name:	*LED line LITE*
Measurement time:	*2026-06-29 10:40:36*	Model name:	*Żarówka LED GU10 3CCT (2,7K/4K/6,5K) 7W 630lm 230V 120° PC LITE*
Report time:	*2026-06-30*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*222304*
Power source:	*IT7321 AC ITECH*	Serial No.:	*26012*
Ambient Temperature:	*28.6 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3832**
y	**0.3736**
u'	0.2282
v'	0.5006
L	100.00
a	12.86
b	31.54
X	662.37
Y	645.77
Z	420.17

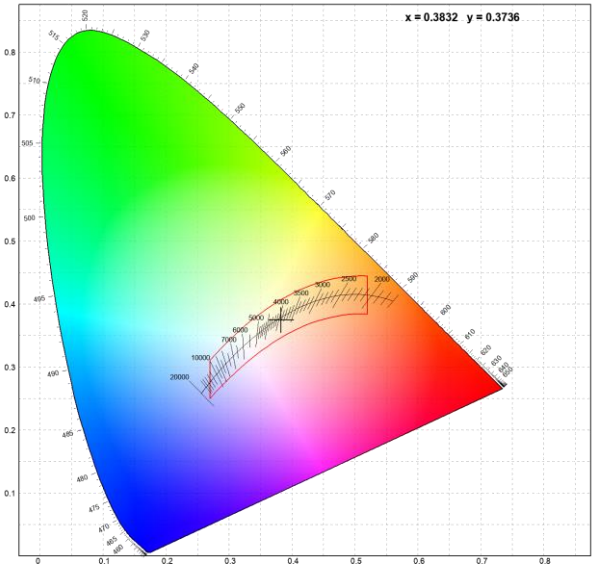
CIE 1964 10˚observer	
x	0.3885
y	0.3710
u'	0.2328
v'	0.5002
L	100.00
a	16.85
b	30.95
X	719.18
Y	686.77
Z	445.03

Other	
CCT [K]	**3900**
Chromaticity Error	0.005
Color Peak	601.68
Color Peak Value	11.37
Color Dominant	580.7
Luminous Flux [lm]	**645.77**
Purity	0.272
Radiometric	2.0212
PAR	
PPFD	
Luminous Efficacy	**93.8316 lm/W**
Power [W]	6.88222
Power Factor	0.587
Current [A]	0.0509
Voltage [V]	230.039
Duv	0.0023

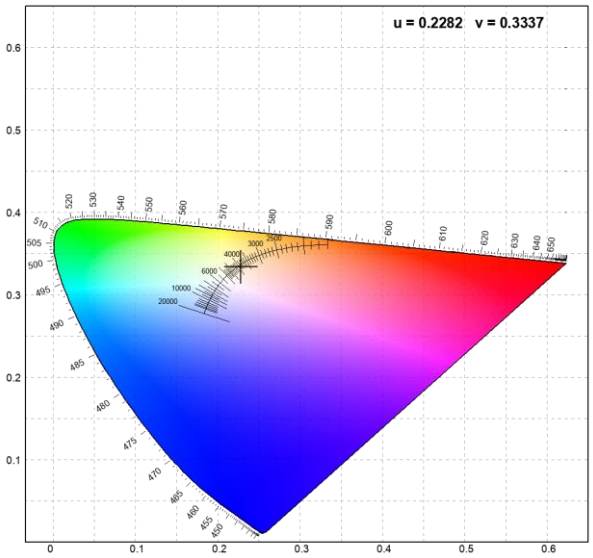
Rendering Indices	
Ra	**87.1**
R1	87.0
R2	92.5
R3	95.6
R4	87.0
R5	86.8
R6	89.3
R7	87.8
R8	71.0
R9	27.1
R10	81.4
R11	87.1
R12	69.1
R13	88.7
R14	97.6

Metamerism Indices	
Mivis	1.7
Miuv	4.0

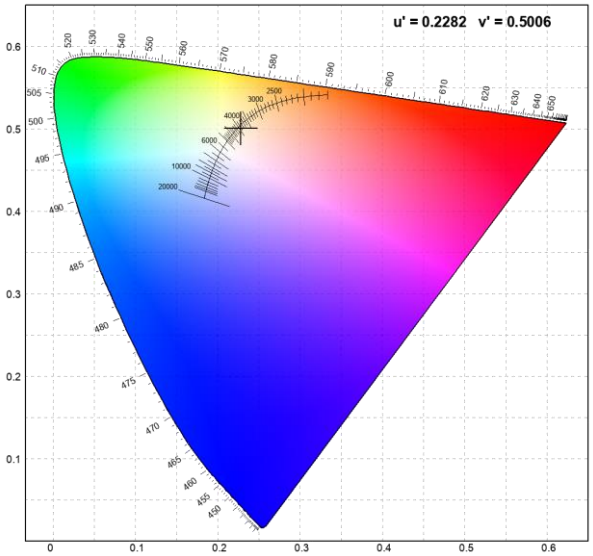
CIE 1931



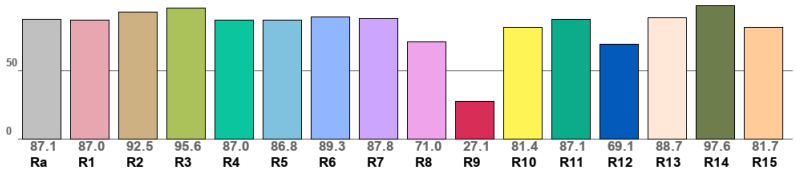
CIE 1960



CIE 1976



CRI


50
0
87.1 Ra
87.0 R1
92.5 R2
95.6 R3
87.0 R4
86.8 R5
89.3 R6
87.8 R7
71.0 R8
27.1 R9
81.4 R10
87.1 R11
69.1 R12
88.7 R13
97.6 R14
81.7 R15