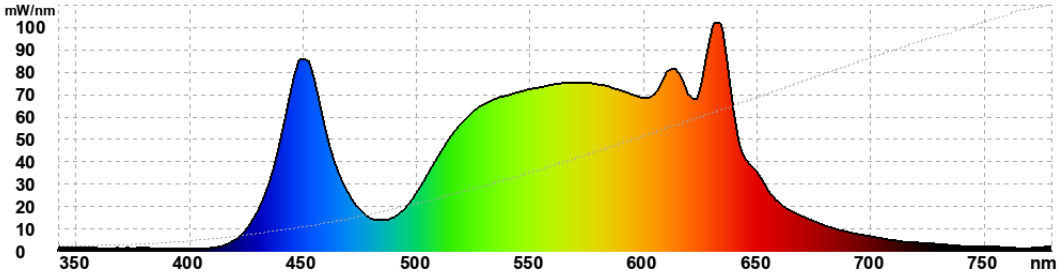
GL SpectroSoft Report

Lighting Research & Measurement Center

Spectrum



Measurement name:	*B6569_D_20261028_M_S*	Client name:	*LED line PRIME*
Measurement time:	*2026-10-28 08:40:43*	Model name:	*Panel Backlit 4000K 40W 4800lm IP20 60x60cm biały PRIME*
Report time:	*2026-10-28*		
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Item No:	*260160*
Power source:	*IT7321 AC ITECH*	Serial No.:	*11005*
Ambient Temperature:	*22.2 [C]*	Made by:	*Radosław Kośnik*

Results

CIE 1931 2˚observer	
x	**0.3831**
y	**0.3805**
u'	0.2253
v'	0.5036
L	100
a	9.67
b	34.11
X	4776.04
Y	4744.33
Z	2947.98

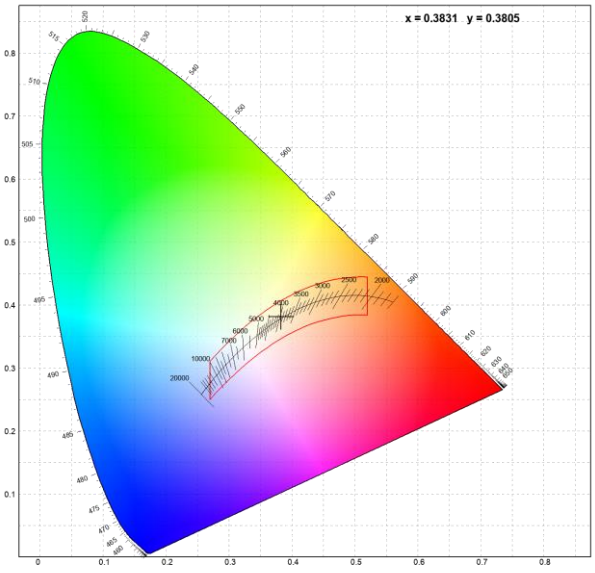
CIE 1964 10˚observer	
x	0.3895
y	0.374
u'	0.2322
v'	0.5017
L	100
a	15.89
b	32.35
X	5207.69
Y	5000.78
Z	3160.91

Other	
CCT [K]	**3957**
Chromaticity Error	0.004
Color Peak	631.08
Color Peak Value	101.8292
Color Dominant	578.7
Luminous Flux [lm]	**4744.33**
Purity	0.293
Radiometric	13.8805
PAR	
PPFD	
Luminous Efficacy	**121.6 lm/W**
Power [W]	39.0175
Power Factor	0.969
Current [A]	0.175
Voltage [V]	230.061
Duv	

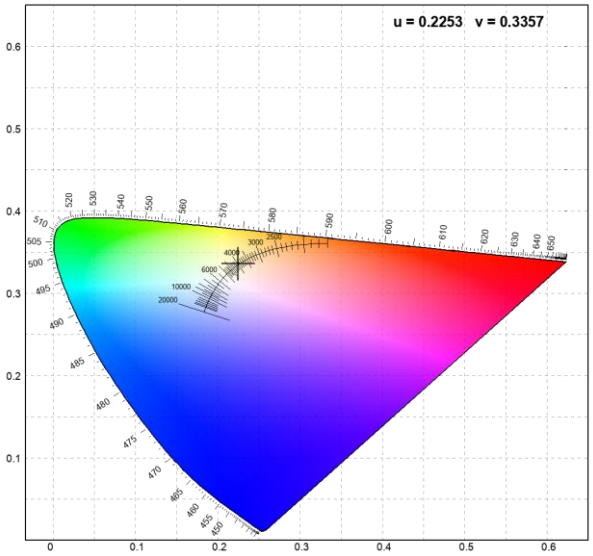
Rendering Indices	
Ra	**82.7**
R1	83.4
R2	85.0
R3	83.8
R4	83.8
R5	81.1
R6	78.2
R7	89.2
R8	76.9
R9	34.9
R10	61.6
R11	81.0
R12	51.1
R13	82.8
R14	89.9

Metamerism Indices	
Mivis	1.9
Miuv	4.4

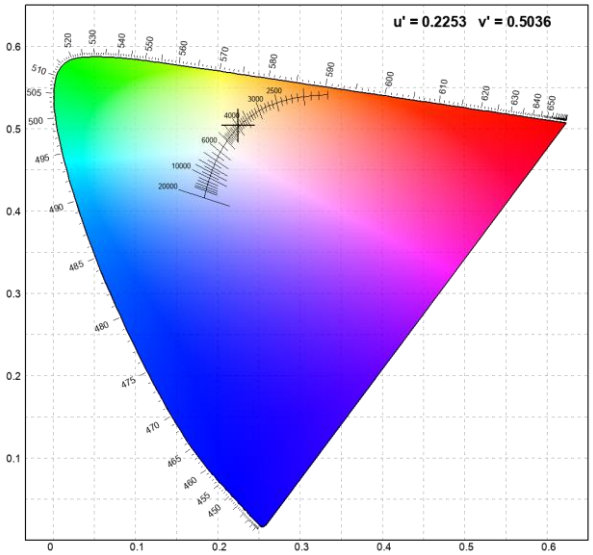
CIE 1931



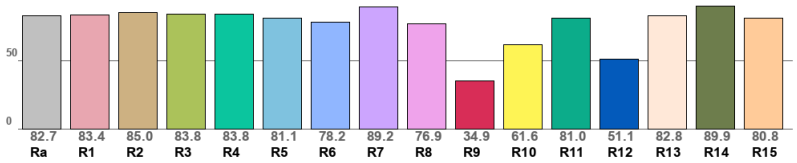
CIE 1960



CIE 1976



CRI


50
0
82.7 Ra
83.4 R1
85.0 R2
83.8 R3
83.8 R4
81.1 R5
78.2 R6
89.2 R7
76.9 R8
34.9 R9
61.6 R10
81.0 R11
51.1 R12
82.8 R13
89.9 R14
80.8 R15