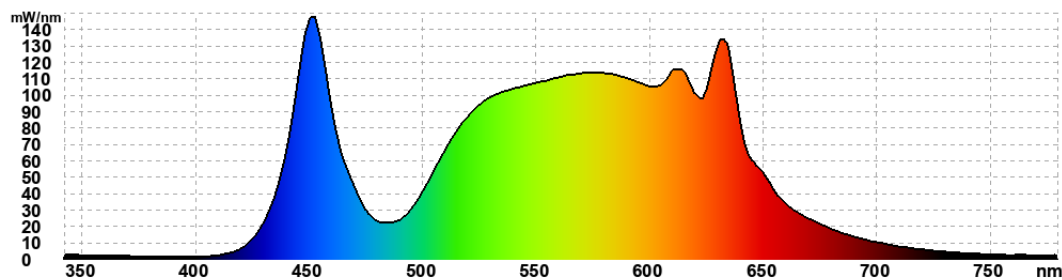


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4837\_D\_20250225\_M\_S  
 Measurement time: 2025-02-25 10:24:34  
 Report time: 2025-03-03  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 22.3 [C]

Client name: LED line PRIME  
 Model name: Oprawa hermetyczna RANGER  
 10-40W 4000K 7200lm 1210mm  
 Item No: 210189  
 Serial No.: 47208  
 Made by: Radosław Kośnik

## Results

CIE 1931 2°observer	
x	0.3767
y	0.3769
u'	0.2226
v'	0.5011
L	100.00
a	8.42
b	31.27
X	7099.87
Y	7104.67
Z	4644.73

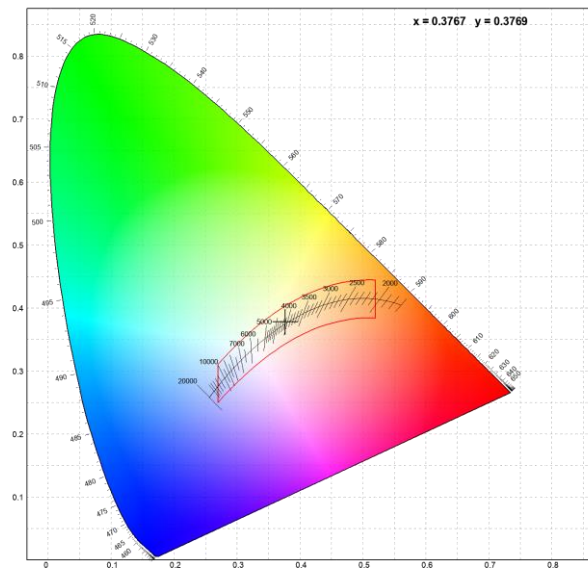
CIE 1964 10°observer	
x	0.3832
y	0.3710
u'	0.2293
v'	0.4994
L	100.00
a	14.49
b	29.71
X	7750.47
Y	7503.28
Z	4969.98

Other	
CCT [K]	4106
Chromaticity Error	0.004
Color Peak	450.68
Color Peak Value	146.87
Color Dominant	578.0
Luminous Flux [lm]	7104.67
Purity	0.262
Radiometric	20.8751
PAR	
PPFD	
Luminous Efficacy	180.3641 lm/W
Power [W]	39.3907
Power Factor	0.969
Current [A]	0.1766
Voltage [V]	229.97
Duv	0.0012

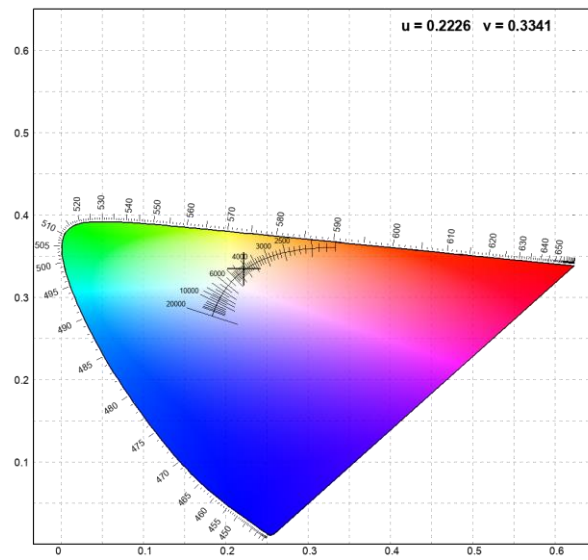
Metamerism Indices	
Mivis	2.0
Miuv	4.2

Rendering Indices	
Ra	81.8
R1	81.7
R2	85.0
R3	85.5
R4	82.5
R5	79.8
R6	78.0
R7	88.9
R8	73.3
R9	25.2
R10	61.9
R11	79.5
R12	49.0
R13	81.8
R14	91.2

CIE 1931



CIE 1960



CIE 1976

