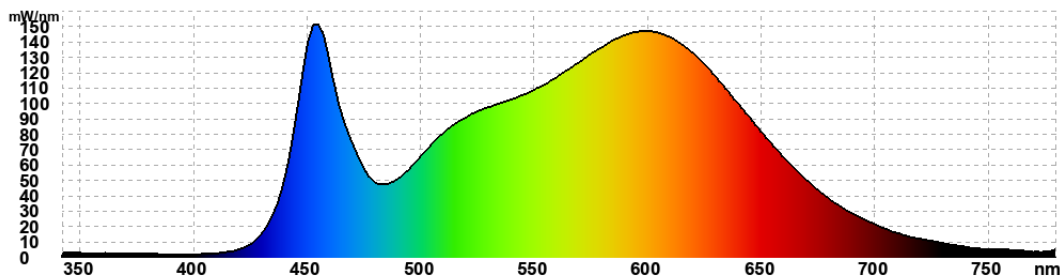


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4840\_D\_20250225\_M\_S  
Measurement time: 2025-02-25 15:17:36  
Report time: 2025-03-03  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 23.3 [C]

Client name: LED line PRIME  
Model name: Oprawa hermetyczna RANGER  
25-55W CCT 8250lm 1510mm  
Item No: 210240  
Serial No.: 47208  
Made by: Radosław Kośnik

## Results

CIE 1931 2°observer	
x	0.3867
y	0.3741
u'	0.2303
v'	0.5013
L	100
a	14.18
b	32.51
X	8425.42
Y	8151.1
Z	5213.25

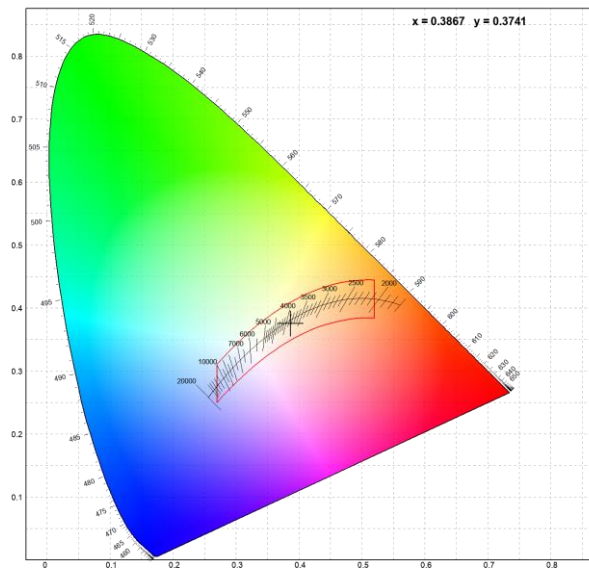
CIE 1964 10°observer	
x	0.3922
y	0.3724
u'	0.2347
v'	0.5014
L	100
a	17.81
b	32.37
X	9135.06
Y	8674.67
Z	5481.21

Other	
CCT [K]	3812
Chromaticity Error	0.005
Color Peak	452.91
Color Peak Value	150.5359
Color Dominant	581.4
Luminous Flux [lm]	8151.1
Purity	0.283
Radiometric	25.5243
PAR	
PPFD	
Luminous Efficacy	155.84 lm/W
Power [W]	52.3038
Power Factor	0.979
Current [A]	0.23224
Voltage [V]	230.047
Duv	

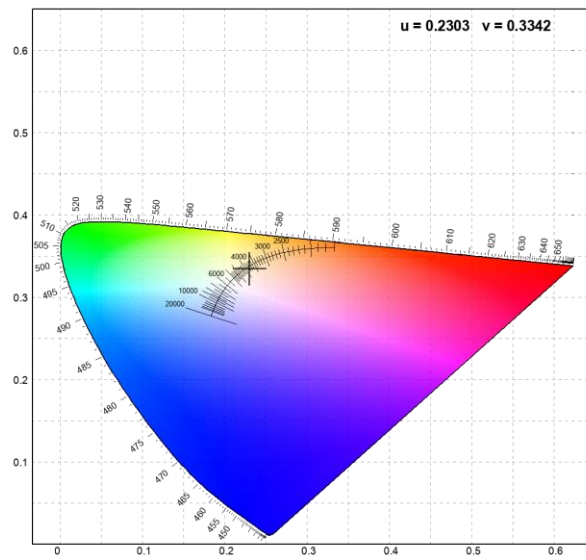
Metamerism Indices	
Mivis	2.1
Miuv	3.7

Rendering Indices	
Ra	86.1
R1	85.9
R2	93.8
R3	96.0
R4	83.9
R5	85.6
R6	90.2
R7	85.5
R8	67.8
R9	22.7
R10	84.3
R11	83.5
R12	67.2
R13	88.4
R14	98.7

CIE 1931



CIE 1960



CIE 1976

