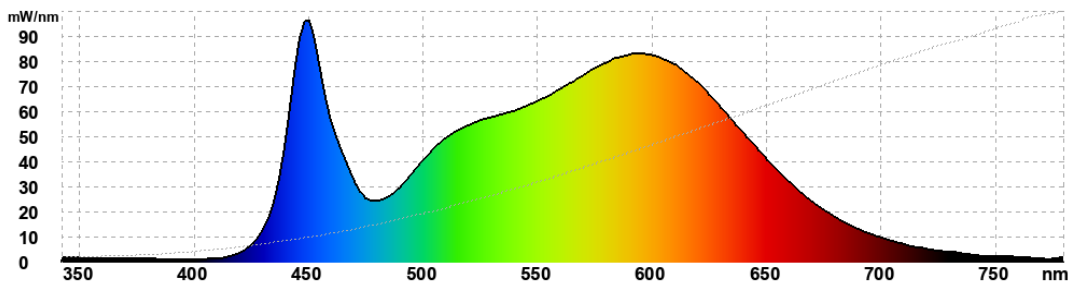


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4589\_D\_20241029\_M\_S  
Measurement time: 2024-10-29 15:34:31  
Report time: 2025-04-16  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 23.5 [C]

Client name: LED line PRIME  
Model name: Panel Backlit 34W 4000K 4760lm  
UGR<19 595x595  
Item No: 205833  
Serial No.: 30105  
Made by: Radosław Kośnik

## Results

CIE 1931 2° observer	
x	0.377
y	0.3703
u'	0.2254
v'	0.4982
L	100
a	11.6
b	28.84
X	4790.22
Y	4704.98
Z	3211.47

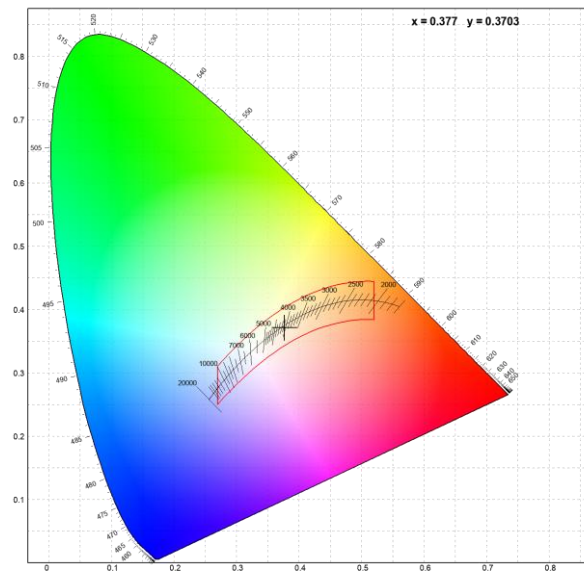
CIE 1964 10° observer	
x	0.3824
y	0.367
u'	0.2304
v'	0.4975
L	100
a	15.97
b	27.98
X	5215.39
Y	5005.63
Z	3417.86

Other	
CCT [K]	4048
Chromaticity Error	0.005
Color Peak	448.45
Color Peak Value	95.7911
Color Dominant	580.1
Luminous Flux [lm]	4704.98
Purity	0.243
Radiometric	14.4144
PAR	
PPFD	
Luminous Efficacy	143.16 lm/W
Power [W]	32.8653
Power Factor	0.971
Current [A]	0.1472
Voltage [V]	230.014
Duv	

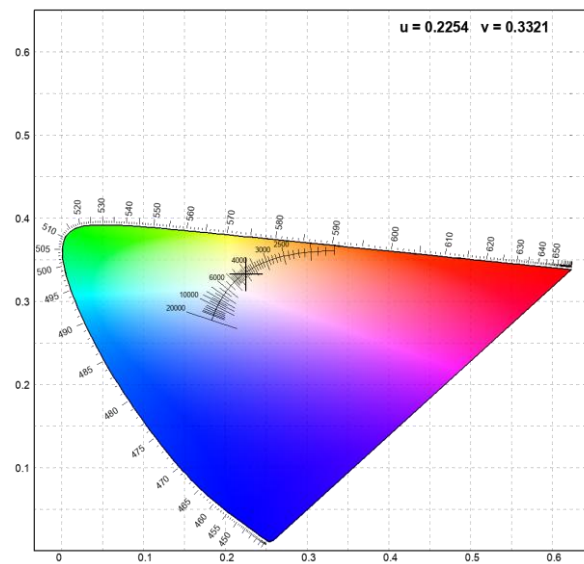
Metamerism Indices	
Mivis	1.6
Miuv	4.1

Rendering Indices	
Ra	83.8
R1	82.6
R2	90.2
R3	95.1
R4	83.1
R5	83.0
R6	86.2
R7	85.5
R8	64.9
R9	10.0
R10	76.8
R11	82.8
R12	65.0
R13	84.6
R14	97.7

CIE 1931



CIE 1960



CIE 1976

