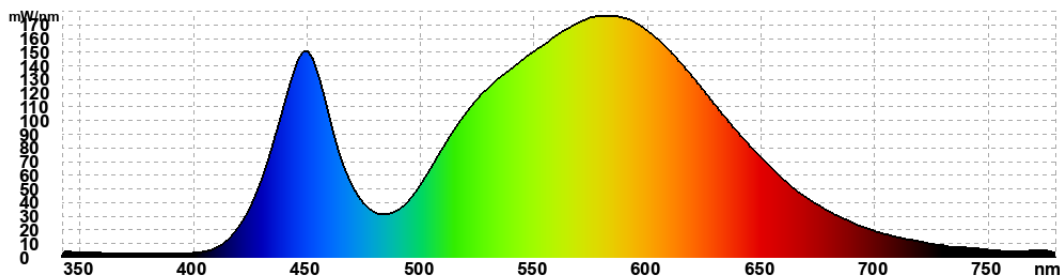


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4187\_D\_20240403\_M\_S  
Measurement time: 2024-04-03 13:05:22  
Report time: 2024-04-09  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 25 [C]

Client name: LED line LITE  
Model name: Naświetlacz LUMINO  
100W 4000K 10000lm  
Item No: 203327  
Serial No.: 49709  
Made by: Radosław Kośnik

## Results

CIE 1931 2°observer	
x	0.3821
y	0.3845
u'	0.2231
v'	0.5052
L	100
a	7.47
b	35.42
X	9810.84
Y	9873.09
Z	5990.66

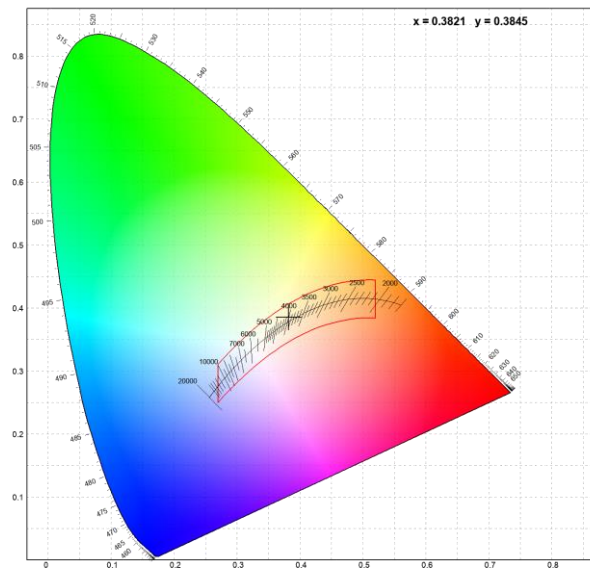
CIE 1964 10°observer	
x	0.3898
y	0.3763
u'	0.2315
v'	0.5028
L	100
a	14.98
b	33.25
X	10752.91
Y	10380.55
Z	6455.51

Other	
CCT [K]	4011
Chromaticity Error	0.004
Color Peak	583.36
Color Peak Value	176.0259
Color Dominant	577.5
Luminous Flux [lm]	9873.09
Purity	0.301
Radiometric	28.5356
PAR	
PPFD	
Luminous Efficacy	103.73 lm/W
Power [W]	95.1796
Power Factor	0.988
Current [A]	0.41893
Voltage [V]	229.959
Duv	0.0031

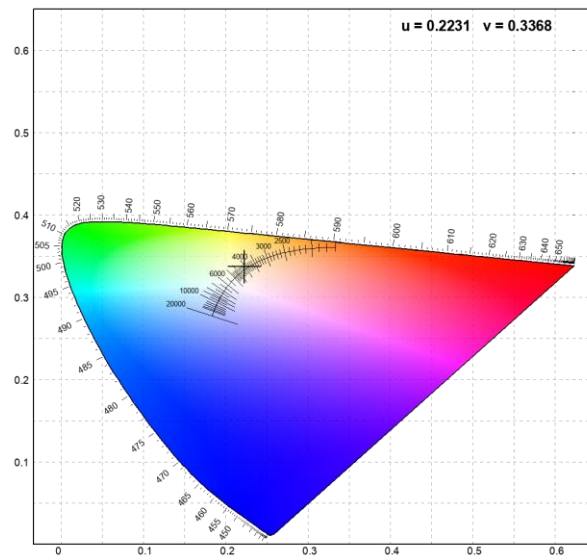
Metamerism Indices	
Mivis	1.8
Miuv	4.4

Rendering Indices	
Ra	72.2
R1	68.4
R2	79.0
R3	87.3
R4	70.6
R5	68.3
R6	70.3
R7	81.7
R8	52.0
R9	-31.1
R10	50.1
R11	65.3
R12	44.1
R13	70.1
R14	92.7

CIE 1931



CIE 1960



CIE 1976

