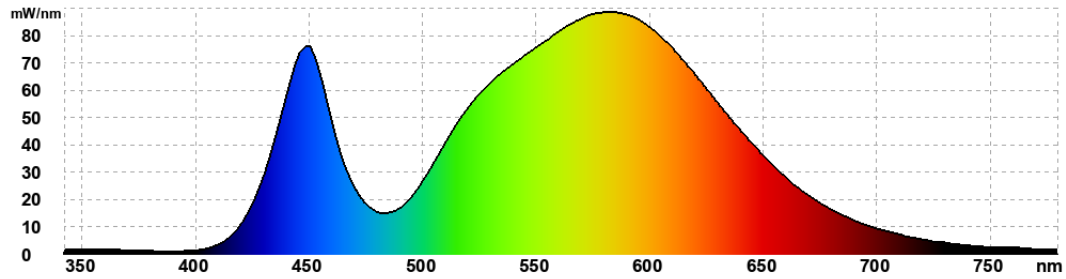


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4190\_D\_20240404\_M\_S*  
 Measurement time: *2024-04-04 13:55:11*  
 Report time: *2024-04-09*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *24.7 [C]*

Client name: *LED line LITE*  
 Model name: *Naświetlacz LUMINO 50W 4000K 5000lm z czujnikiem ruchu*  
 Item No: *203389*  
 Serial No.: *49709*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	0.3822
y	0.3855
u'	0.2228
v'	0.5056
L	100
a	7.11
b	35.81
X	4914.38
Y	4956.13
Z	2986.09

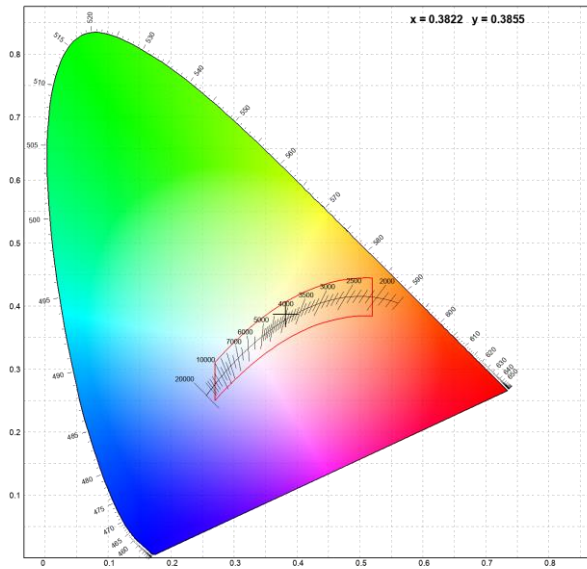
CIE 1964 10° observer	
x	0.3899
y	0.377
u'	0.2313
v'	0.5031
L	100
a	14.74
b	33.57
X	5388.01
Y	5208.6
Z	3220.63

Other	
<b>CCT [K]</b>	<b>4015</b>
Chromaticity Error	0.004
Color Peak	581.39
Color Peak Value	88.1611
Color Dominant	577.3
<b>Luminous Flux [lm]</b>	<b>4956.13</b>
Purity	0.304
Radiometric	14.2521
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>102.4 lm/W</b>
Power [W]	48.4014
Power Factor	0.974
Current [A]	0.2159
Voltage [V]	230.014
Duv	0.0035

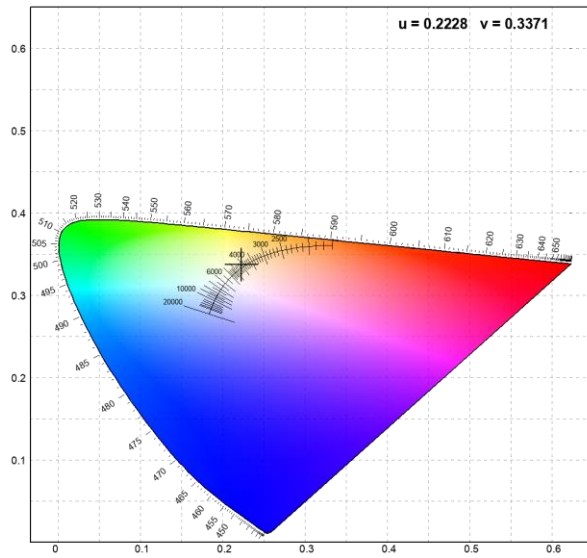
Rendering Indices	
<b>Ra</b>	<b>71.9</b>
R1	68.2
R2	78.6
R3	87.0
R4	70.6
R5	68.0
R6	69.8
R7	81.6
R8	51.8
R9	-32.2
R10	49.2
R11	65.5
R12	43.5
R13	69.8
R14	92.5

Metamerism Indices	
Mivis	1.9
Miuv	4.5

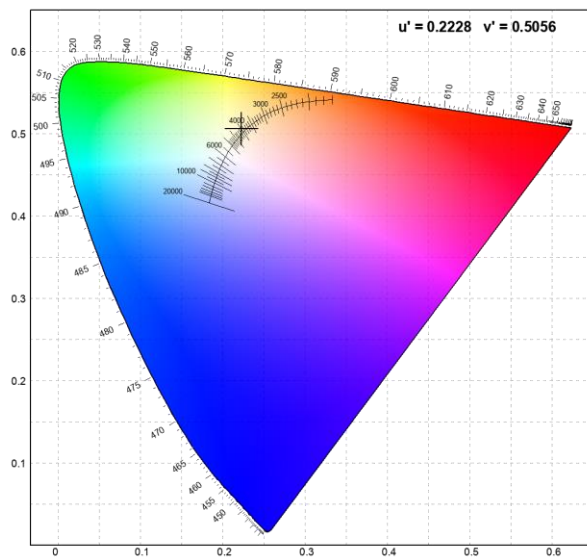
CIE 1931



CIE 1960



CIE 1976



CRI

