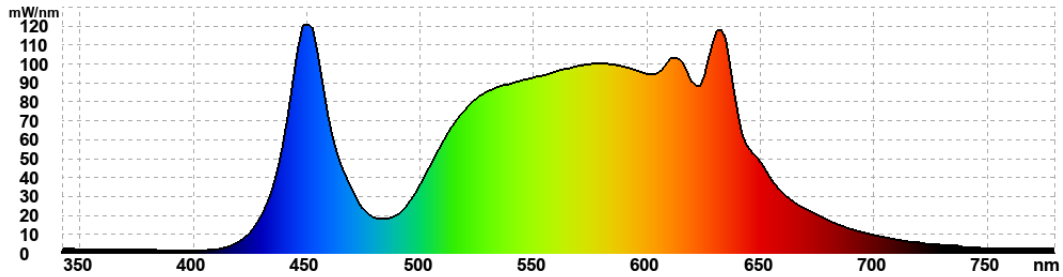


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4049\_D\_20240206\_M\_S*  
 Measurement time: *2024-02-06 13:17:32*  
 Report time: *2024-02-08*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *23.6 [C]*

Client name: *LED line PRIME*  
 Model name: *Panel Backlit 42W 4000K 6300lm*  
*UGR<19 595x595*  
 Item No: *203457*  
 Serial No.: *52310*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	<b>0.3822</b>
y	<b>0.3808</b>
u'	0.2246
v'	0.5036
L	100
a	9.16
b	34.01
X	6241.93
Y	6219.09
Z	3871.76

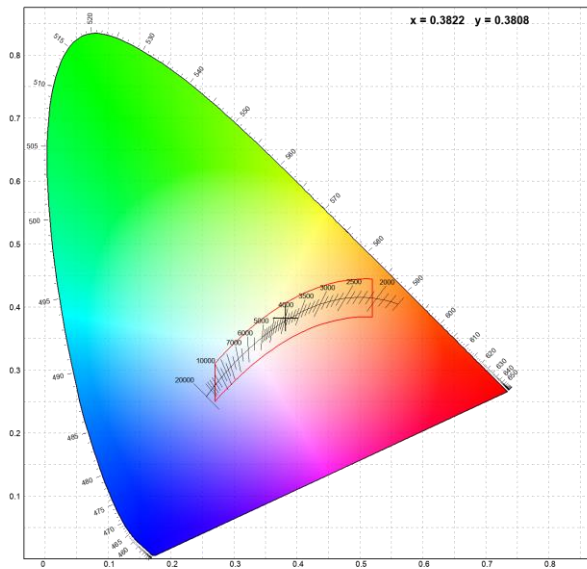
CIE 1964 10° observer	
x	0.3887
y	0.3744
u'	0.2316
v'	0.5018
L	100
a	15.4
b	32.28
X	6810.36
Y	6558.45
Z	4150.34

Other	
<b>CCT [K]</b>	<b>3983</b>
Chromaticity Error	0.004
Color Peak	448.45
Color Peak Value	120.133
Color Dominant	578.4
<b>Luminous Flux [lm]</b>	<b>6219.09</b>
Purity	0.291
Radiometric	18.2511
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>155.8 lm/W</b>
Power [W]	39.917
Power Factor	0.972
Current [A]	0.1785
Voltage [V]	230.069
Duv	0.0014

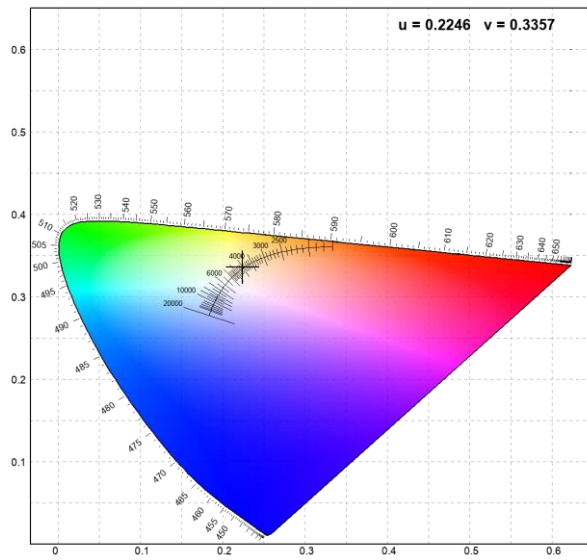
Rendering Indices	
<b>Ra</b>	<b>81.7</b>
R1	81.6
R2	84.8
R3	85.7
R4	82.7
R5	79.9
R6	78.2
R7	88.4
R8	72.5
R9	23.8
R10	62.0
R11	80.3
R12	50.4
R13	81.6
R14	91.3

Metamerism Indices	
Mivis	1.9
Miuv	4.3

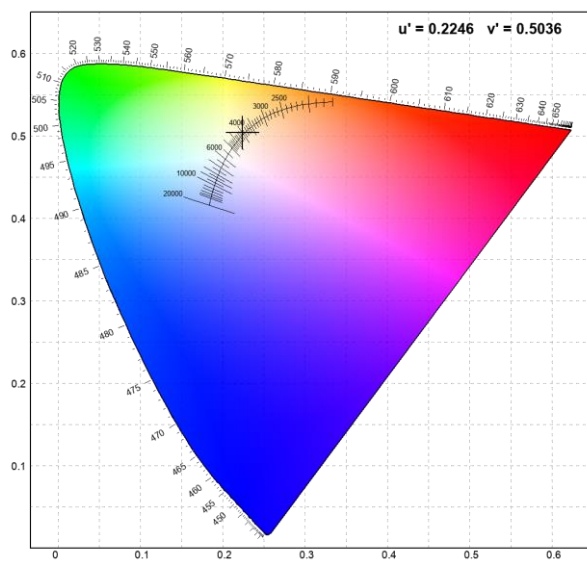
CIE 1931



CIE 1960



CIE 1976



CRI

