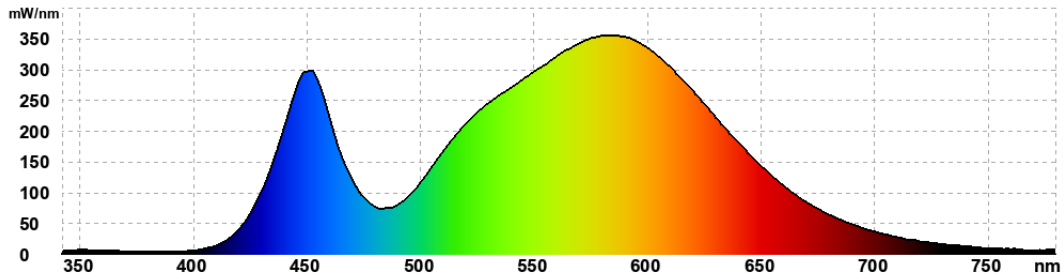


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4184\_D\_20240403\_M\_S*  
 Measurement time: *2024-04-03 09:31:31*  
 Report time: *2024-04-09*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *24.1 [C]*

Client name: *LED line LITE*  
 Model name: *Naświetlacz LUMINO 200W 4000K 20000lm*  
 Item No: *203341*  
 Serial No.: *49709*  
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	<b>0.3814</b>
y	<b>0.3839</b>
u'	0.2229
v'	0.5048
L	100
a	7.43
b	34.98
X	19657.77
Y	19786.93
Z	12102.18

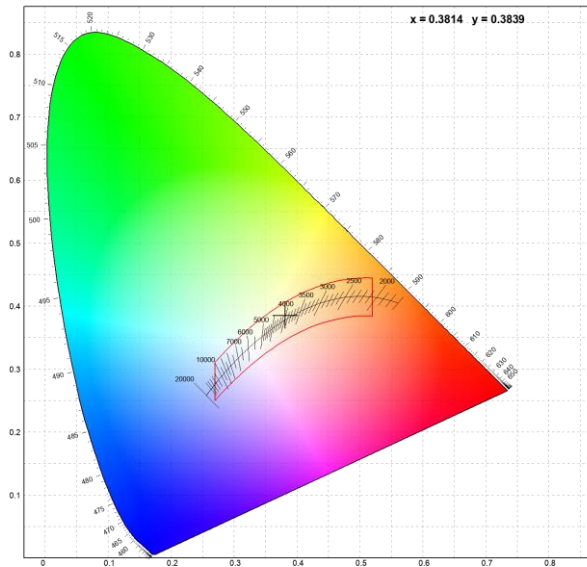
CIE 1964 10° observer	
x	0.3889
y	0.3766
u'	0.2308
v'	0.5028
L	100
a	14.44
b	33.19
X	21529.23
Y	20848.74
Z	12980.1

Other	
<b>CCT [K]</b>	<b>4027</b>
Chromaticity Error	0.004
Color Peak	583.36
Color Peak Value	354.3754
Color Dominant	577.4
<b>Luminous Flux [lm]</b>	<b>19786.93</b>
Purity	0.297
Radiometric	57.1598
PAR	
PPFD	
<b>Luminous Efficacy</b>	<b>103.73 lm/W</b>
Power [W]	190.75
Power Factor	0.988
Current [A]	0.83957
Voltage [V]	229.959
Duv	0.003

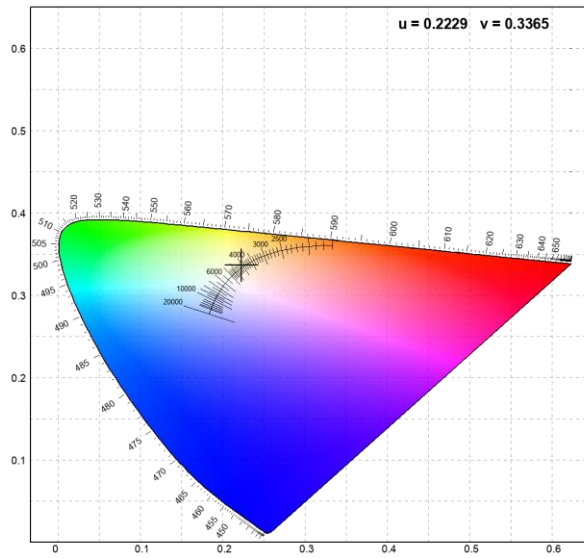
Rendering Indices	
<b>Ra</b>	<b>73.4</b>
R1	69.5
R2	80.6
R3	89.5
R4	71.2
R5	69.5
R6	72.8
R7	82.0
R8	51.9
R9	-30.1
R10	54.1
R11	66.3
R12	47.1
R13	71.6
R14	94.0

Metamerism Indices	
Mivis	1.9
Miuv	4.3

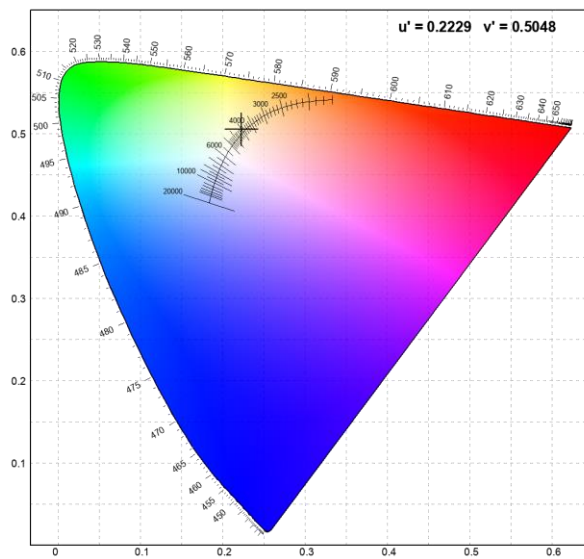
CIE 1931



CIE 1960



CIE 1976



CRI

