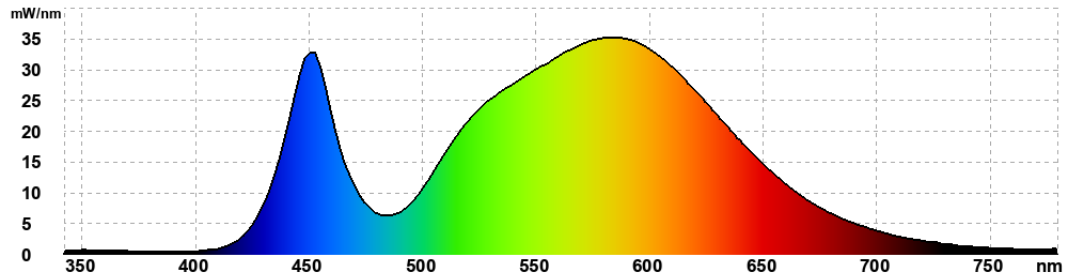


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4191_D_20240403_M_S*
 Measurement time: *2024-04-03 11:18:31*
 Report time: *2024-04-09*
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*
 Power source: *IT7321 AC ITECH*
 Ambient Temperature: *23.7 [C]*

Client name: *LED line LITE*
 Model name: *Naświetlacz LUMINO 20W 4000K 2000lm*
 Item No: *203297*
 Serial No.: *49709*
 Made by: *Radosław Kośnik*

Results

CIE 1931 2° observer	
x	0.3822
y	0.3854
u'	0.2228
v'	0.5056
L	100
a	7.09
b	35.77
X	1963.91
Y	1980.83
Z	1194.29

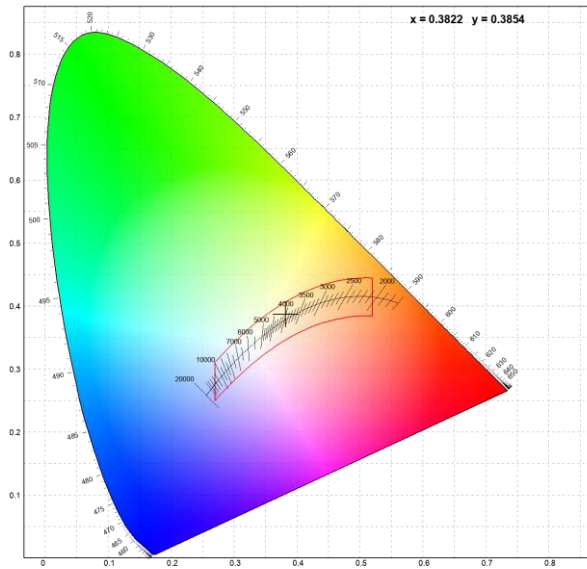
CIE 1964 10° observer	
x	0.39
y	0.3779
u'	0.231
v'	0.5035
L	100
a	14.35
b	33.94
X	2150.82
Y	2083.92
Z	1280.1

Other	
CCT [K]	4017
Chromaticity Error	0.004
Color Peak	583.36
Color Peak Value	35.1052
Color Dominant	577.2
Luminous Flux [lm]	1980.83
Purity	0.304
Radiometric	5.6906
PAR	
PPFD	
Luminous Efficacy	104.02 lm/W
Power [W]	19.0436
Power Factor	0.961
Current [A]	0.08614
Voltage [V]	230.047
Duv	0.0035

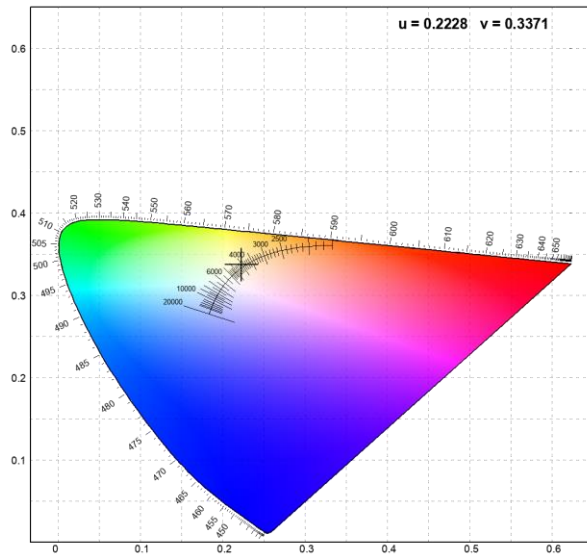
Rendering Indices	
Ra	73.1
R1	69.5
R2	79.9
R3	88.1
R4	71.3
R5	69.1
R6	71.4
R7	82.5
R8	52.9
R9	-28.4
R10	52.1
R11	66.3
R12	42.8
R13	71.3
R14	93.2

Metamerism Indices	
Mivis	2.0
Miuv	4.3

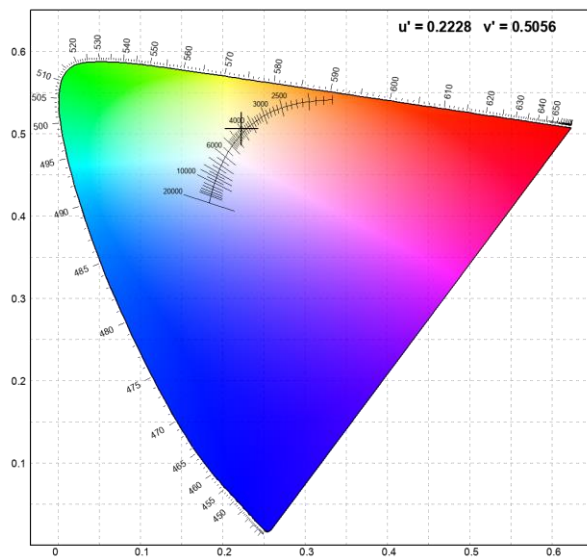
CIE 1931



CIE 1960



CIE 1976



CRI

