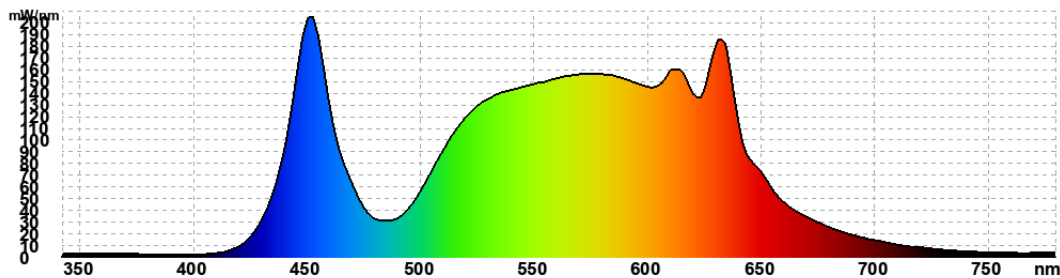


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4843_D_20250226_M_S
Measurement time: 2025-02-26 12:57:50
Report time: 2025-03-03
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 22.7 [C]

Client name: LED line PRIME
Model name: Oprawa hermetyczna RANGER
25-55W 4000K 9900lm 1510mm
Item No: 210226
Serial No.: 47208
Made by: Radosław Kośnik

Results

CIE 1931 2°observer	
x	0.3761
y	0.3752
u'	0.2228
v'	0.5003
L	100
a	8.92
b	30.51
X	9805.79
Y	9784.12
Z	6483.72

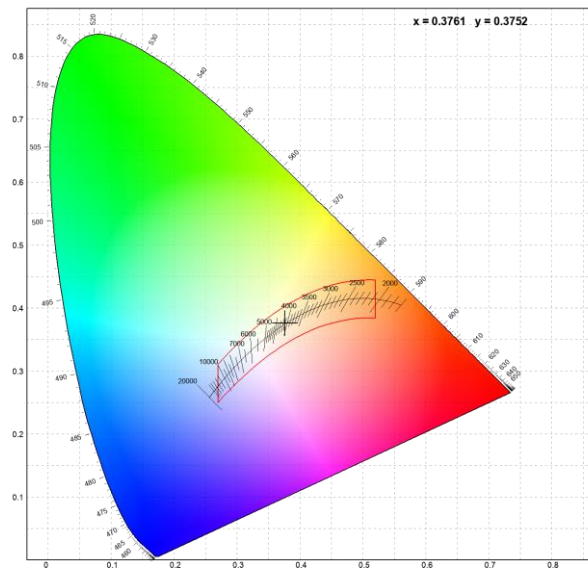
CIE 1964 10°observer	
x	0.3825
y	0.3695
u'	0.2295
v'	0.4986
L	100
a	14.89
b	28.95
X	10702.17
Y	10336.7
Z	6938.99

Other	
CCT [K]	4110
Chromaticity Error	0.004
Color Peak	450.68
Color Peak Value	203.8667
Color Dominant	578.3
Luminous Flux [lm]	9784.12
Purity	0.255
Radiometric	28.8714
PAR	
PPFD	
Luminous Efficacy	184.1 lm/W
Power [W]	53.1455
Power Factor	0.978
Current [A]	0.2359
Voltage [V]	229.992
Duv	

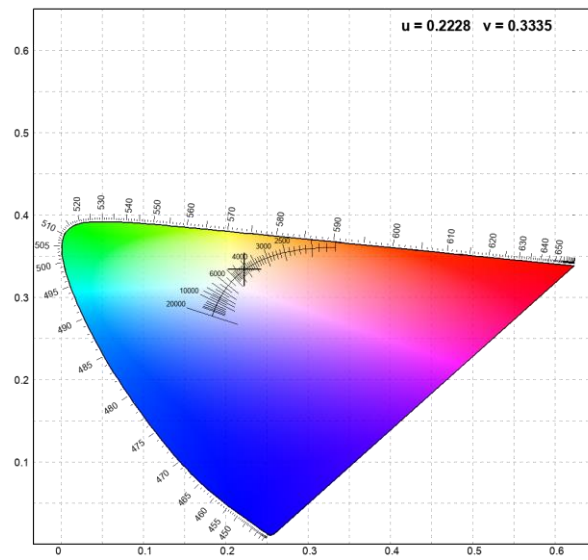
Metamerism Indices	
Mivis	2.0
Miuv	4.2

Rendering Indices	
Ra	82.1
R1	82.1
R2	85.3
R3	85.6
R4	82.7
R5	80.3
R6	78.4
R7	88.9
R8	73.7
R9	26.6
R10	62.6
R11	79.8
R12	49.8
R13	82.3
R14	91.2

CIE 1931



CIE 1960



CIE 1976

