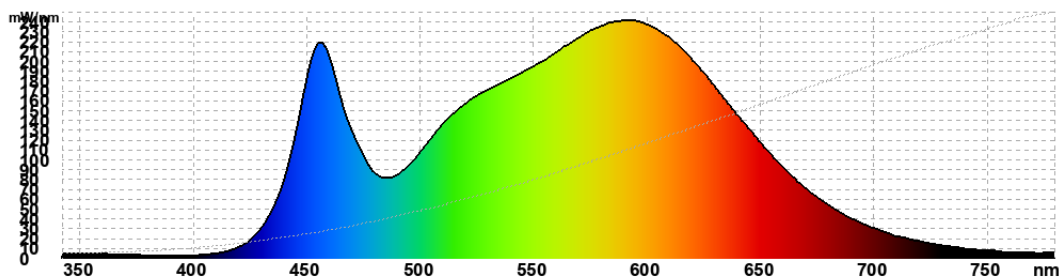


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B5420_D_20251021_M_S
 Measurement time: 2025-10-21 13:19:05
 Report time: 2025-10-22
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 25.3 [C]

Client name: LED line PRIME
 Model name: HighBay Seron 100/80/60W 4000K
 14000lm 120° PRIME
 Item No: 219717
 Serial No.: 12210
 Made by: Radosław Kośnik

Results

CIE 1931 2°observer	
x	0.3836
y	0.3872
u'	0.223
v'	0.5066
L	100
a	6.95
b	36.78
X	13717.98
Y	13847.68
Z	8195.7

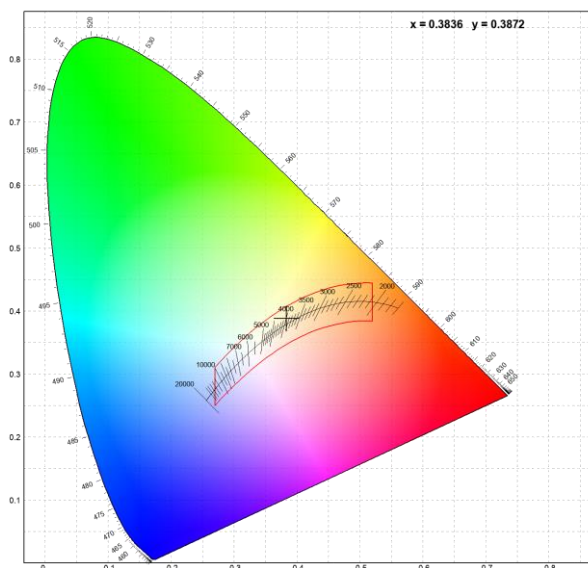
CIE 1964 10°observer	
x	0.3909
y	0.3847
u'	0.2288
v'	0.5066
L	100
a	11.67
b	36.78
X	14940.91
Y	14705.38
Z	8577.61

Other	
CCT [K]	3992
Chromaticity Error	0.005
Color Peak	591.19
Color Peak Value	240.8972
Color Dominant	577.2
Luminous Flux [lm]	13847.68
Purity	0.313
Radiometric	41.3204
PAR	
PPFD	
Luminous Efficacy	137.59 lm/W
Power [W]	100.646
Power Factor	0.902
Current [A]	0.48501
Voltage [V]	230.058
Duv	

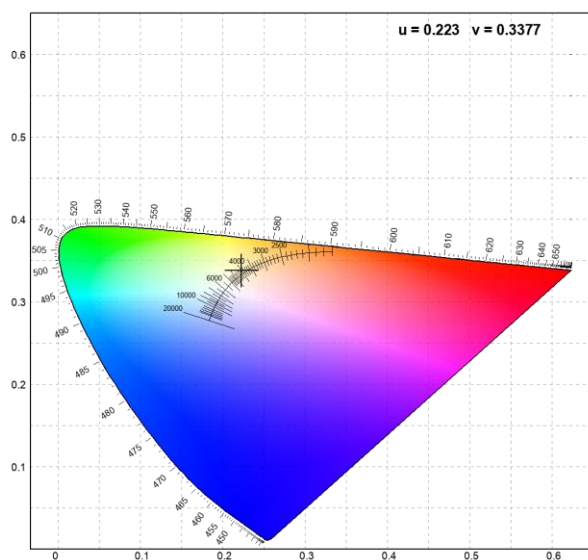
Metamerism Indices	
Mivis	2.4
Miuv	3.6

Rendering Indices	
Ra	81.2
R1	78.7
R2	89.1
R3	95.9
R4	77.6
R5	78.3
R6	84.7
R7	84.8
R8	60.4
R9	-1.3
R10	73.7
R11	75.4
R12	58.1
R13	81.4
R14	98.0

CIE 1931



CIE 1960



CIE 1976

