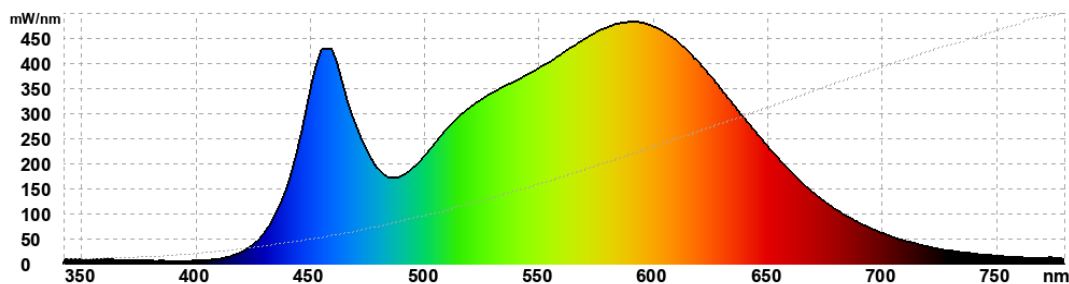


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B5419_D_20251021_M_S
 Measurement time: 2025-10-21 11:06:29
 Report time: 2025-10-22
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 25.5 [C]

Client name: LED line PRIME
 Model name: HighBay Seron 200/160/120W 4000K 28000lm 120° PRIME
 Item No: 219694
 Serial No.: 12210
 Made by: Radosław Kośnik

Results

CIE 1931 2° observer	
x	0.3825
y	0.3868
u'	0.2225
v'	0.5062
L	100
a	6.65
b	36.37
X	27406.65
Y	27714.14
Z	16527.45

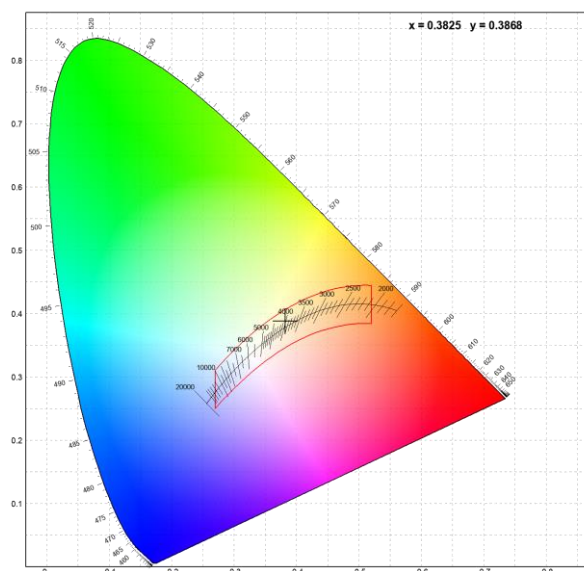
CIE 1964 10° observer	
x	0.3898
y	0.3847
u'	0.2281
v'	0.5064
L	100
a	11.22
b	36.5
X	29848.02
Y	29453.92
Z	17268.62

Other	
CCT [K]	4017
Chromaticity Error	0.005
Color Peak	591.19
Color Peak Value	481.0132
Color Dominant	577.0
Luminous Flux [lm]	27714.14
Purity	0.308
Radiometric	82.9447
PAR	
PPFD	
Luminous Efficacy	139.65 lm/W
Power [W]	198.455
Power Factor	0.931
Current [A]	0.9267
Voltage [V]	229.992
Duv	

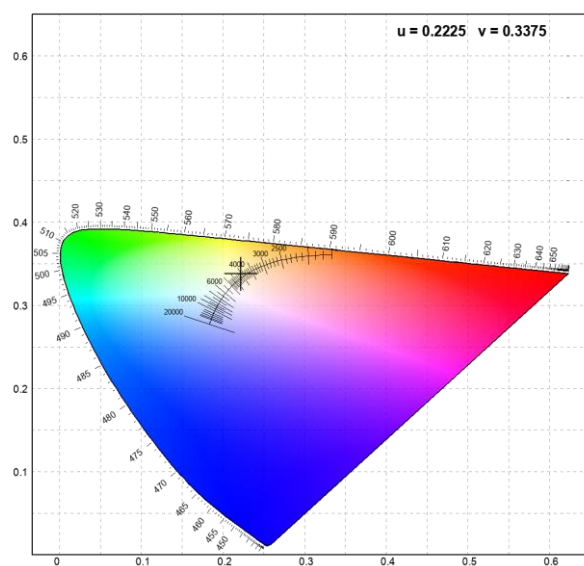
Rendering Indices	
Ra	81.2
R1	78.8
R2	89.5
R3	95.9
R4	77.2
R5	78.4
R6	85.2
R7	84.5
R8	60.4
R9	-1.0
R10	74.5
R11	74.9
R12	58.6
R13	81.6
R14	98.1

Metamerism Indices	
Mivis	2.4
Miuv	3.6

CIE 1931



CIE 1960



CIE 1976

