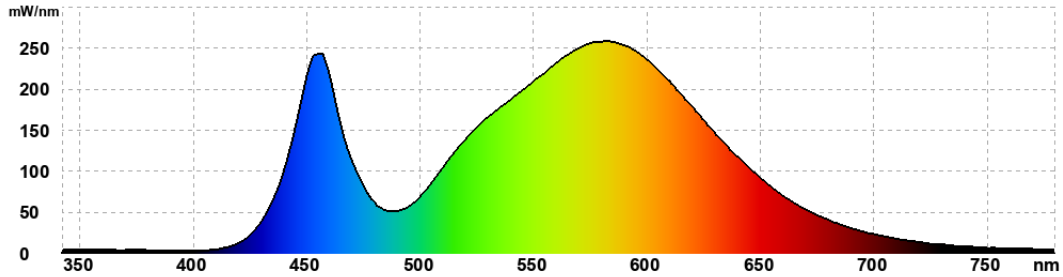


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name:	B4287_D_20240514_M_S	Client name:	LED line PRIME
Measurement time:	2024-05-14 13:40:25	Model name:	Floodlight 100W 14000lm 120°
Report time:	2024-06-06	Item No:	200227
Device:	GL SPHERE 2000 SPECTIS 1.0 VIS	Serial No.:	69512
Power source:	IT7321 AC ITECH	Made by:	Radosław Kośnik
Ambient Temperature:	25.9 [C]		

Results

CIE 1931 2° observer	
x	0.3804
y	0.3833
u'	0.2225
v'	0.5044
L	100
a	7.27
b	34.57
X	13758.97
Y	13863.03
Z	8543.54

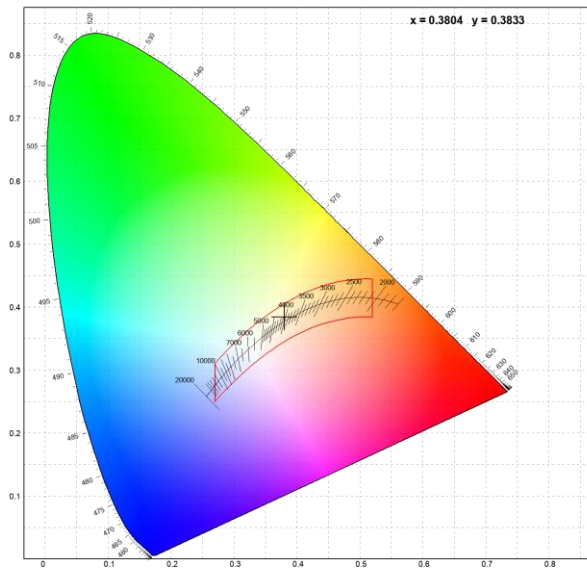
CIE 1964 10° observer	
x	0.3889
y	0.3771
u'	0.2305
v'	0.503
L	100
a	14.19
b	33.39
X	15064.83
Y	14609.89
Z	9063.99

Other	
CCT [K]	4047
Chromaticity Error	0.005
Color Peak	581.39
Color Peak Value	257.139
Color Dominant	577.3
Luminous Flux [lm]	13863.03
Purity	0.293
Radiometric	39.2429
PAR	
PPFD	
Luminous Efficacy	145.86 lm/W
Power [W]	95.0406
Power Factor	0.973
Current [A]	0.4245
Voltage [V]	230.102
Duv	0.0031

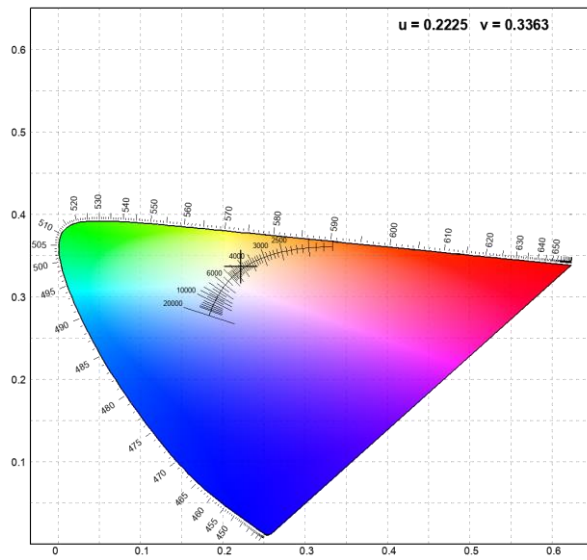
Rendering Indices	
Ra	70.8
R1	66.1
R2	80.5
R3	90.6
R4	65.5
R5	65.7
R6	71.4
R7	80.0
R8	46.2
R9	-43.6
R10	53.2
R11	58.6
R12	39.7
R13	69.3
R14	94.8

Metamerism Indices	
Mivis	2.5
Miuv	4.0

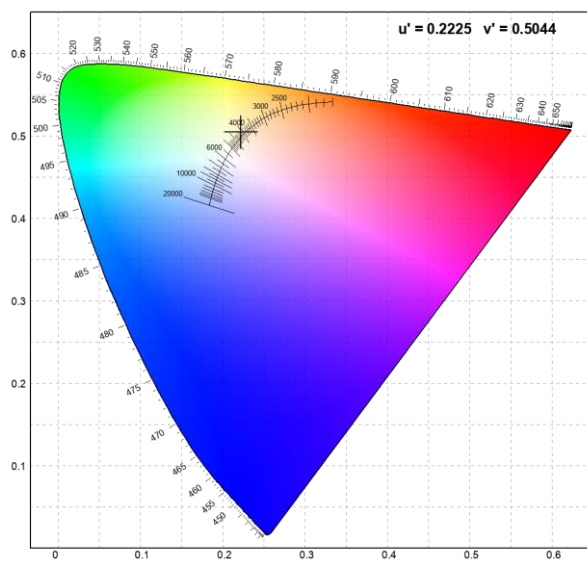
CIE 1931



CIE 1960



CIE 1976



CRI

